[promultis]

Electra Touch Screen

Offering 4K UHD, the picture quality is excellent and the touch response is superb.
The screen is perfect for Business, Education and Commercial use.

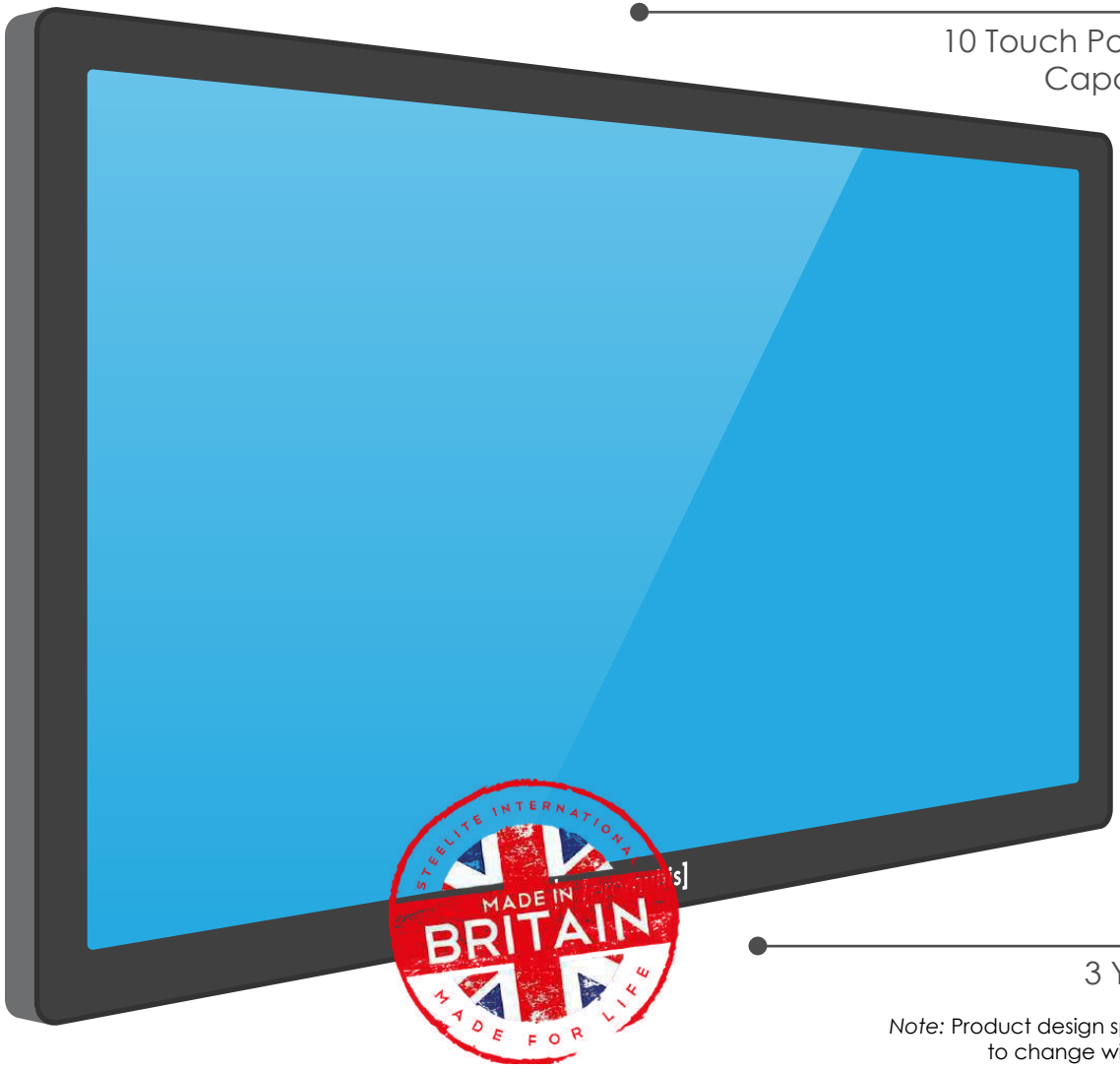
Tough Anti Scratch /
Anti Glare Surface

Optional OPS PC

HDMI, VGA, RS232
and USB Connectivity

Wall Bracket Included

Interactive UBoardMate
Whiteboard Software



10 Touch Points with Projected
Capacitive Technology

4K UHD, Back-lit LED Screen

Integrated Android
Use without a connected PC

Anti-bacterial film option
Currently being tested for COVID-19

3 Year on-site warranty

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

MAGICVIU
MULTITOUCH SOLUTIONS

For more exciting multitouch products visit
www.magicviu.com

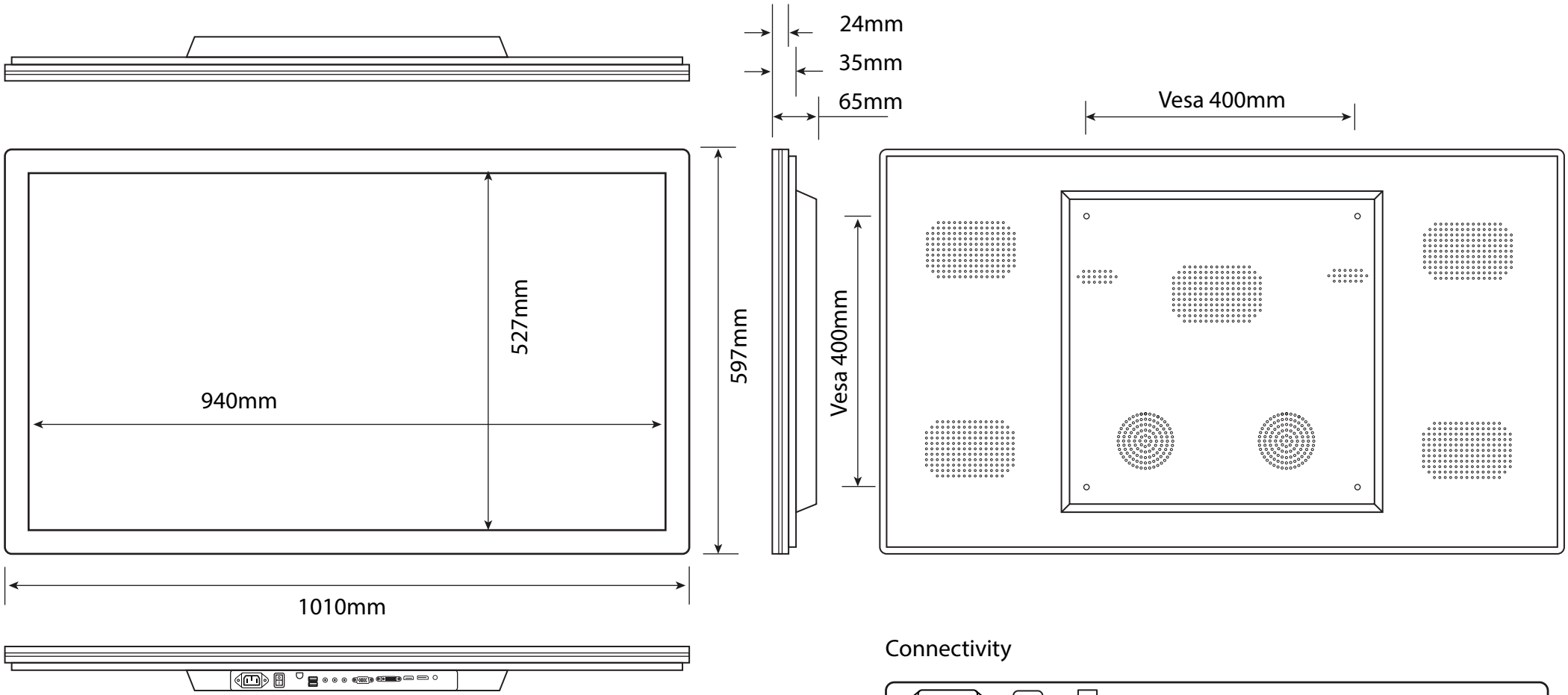
DISPLAY PANEL	
Screen Size	43" TFT-LCD
Display area	941mm (W) x 529mm (H) 16:9
Maximum Resolution	3840 x 2160 4K UHD
Display color	16.7M
Pixel Pitch(mm)	0.63 (H) x 0.63 (V)
Brightness (cd/m2)	500cd/m^2
Contrast (Type)	3000 : 1
Visual angle	178°/178°
Response time	5ms
Life (hrs)	>60,000 (hrs)
TOUCH	
Detection Method	Projected Capacitive
Avalilable Touch Point	10 Point
Response Time (Type)	<= 10 ms
Positioning	±2mms
Transmittance	≥92%
Hardness	7H
MECHANICAL	
Monitor Size	1010mm (w) x 597mm (h) x 65mm (d)
Colour	Black
Case	Metal Case SPCC
Certificate	CE FCC
Quality Standard	ISO9001,CCC
Weight	75Kg

CONNECTIVITY	
HDMI	1
USB	1 (USB2.0 interface)
VGA	1
L/R audio input	1 (RCA*2)
L/R audio output	1 (RCA*2)
Speaker	2×5W(9Ω)
POWER	
Input Voltage	AC100 ~ 240V 50 /60 HZ
Maximum power consumption	≤220W
Standby power consumption	<5W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	85%
Storage humidity	85%
PRE-LOADED SOFTWARE	
Whiteboard Software	Android & Windows versions available
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

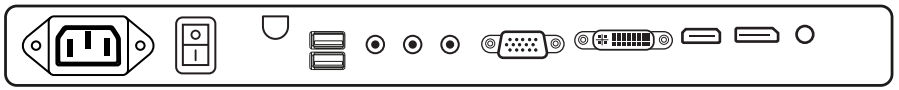
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

43inch Electra Touch Screen with Projected Capacitive Technology



Connectivity



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[promultis]

Electra Touch Screen

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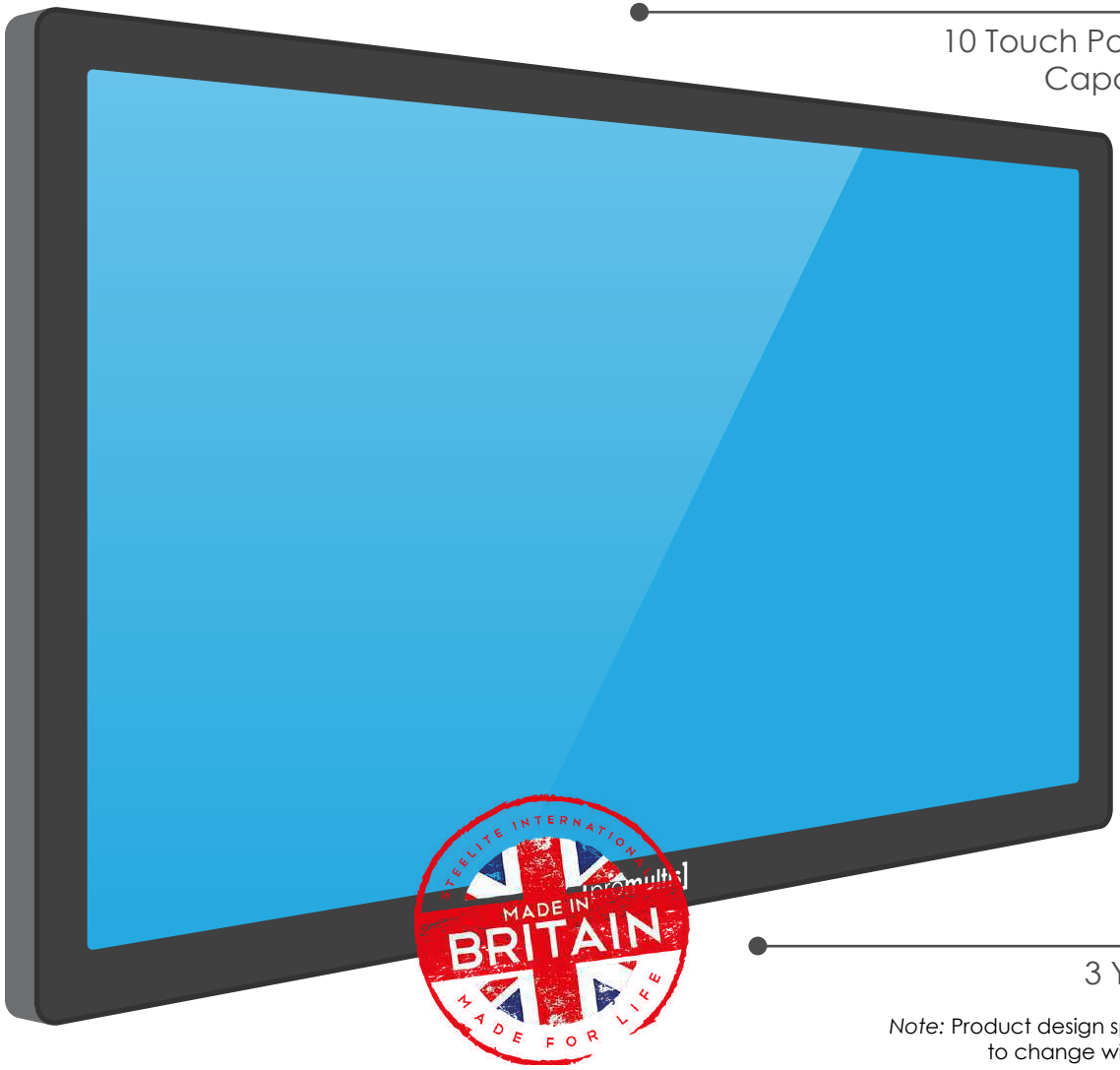
Tough Anti Scratch / Anti Glare Surface

Optional OPS PC

HDMI, VGA, RS232 and USB Connectivity

Wall Bracket Included

Interactive UBoardMate Whiteboard Software



10 Touch Points with Projected Capacitive Technology

20 Touch Points with Infrared Technology

4K UHD, Back-lit LED Screen

Integrated Android
Use without a connected PC

Anti-bacterial film option
Currently being tested for COVID-19

3 Year on-site warranty

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

MAGICVIU
MULTITOUCH SOLUTIONS

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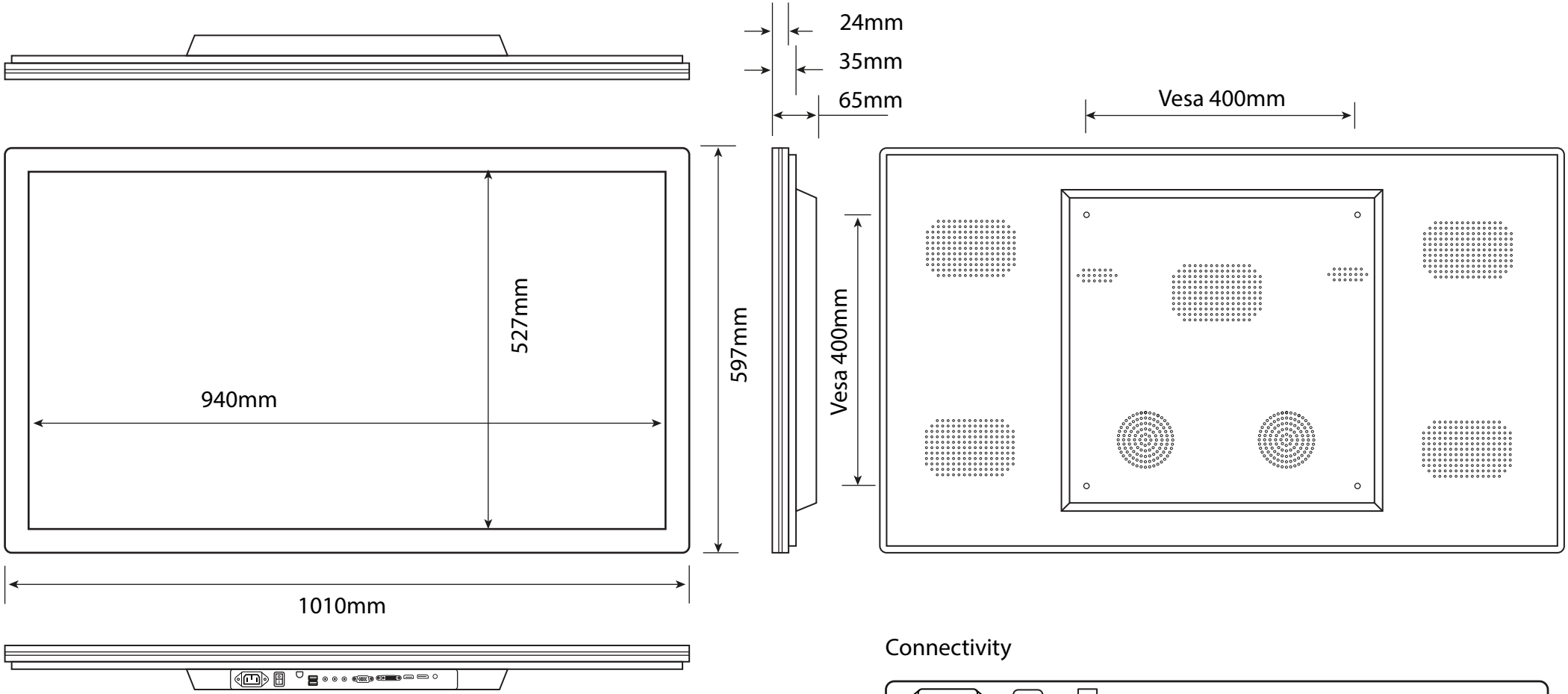
DISPLAY PANEL	
Screen Size	43" TFT-LCD
Display area	941mm (W) x 529mm (H) 16:9
Maximum Resolution	3840 x 2160 4K UHD
Display color	16.7M
Pixel Pitch(mm)	0.63 (H) x 0.63 (V)
Brightness (cd/m2)	500cd/m^2
Contrast (Type)	3000 : 1
Visual angle	178°/178°
Response time	5ms
Life (hrs)	>60,000 (hrs)
TOUCH	
Detection Method	Projected Capacitive
Avalilable Touch Point	10 Point
Response Time (Type)	<= 10 ms
Positioning	±2mms
Transmittance	≥92%
Hardness	7H
MECHANICAL	
Monitor Size	1010mm (w) x 597mm (h) x 65mm (d)
Colour	Black
Case	Metal Case SPCC
Certificate	CE FCC
Quality Standard	ISO9001,CCC
Weight	75Kg

CONNECTIVITY	
HDMI	1
USB	1 (USB2.0 interface)
VGA	1
L/R audio input	1 (RCA*2)
L/R audio output	1 (RCA*2)
Speaker	2×5W(9Ω)
POWER	
Input Voltage	AC100 ~ 240V 50 /60 HZ
Maximum power consumption	≤220W
Standby power consumption	<5W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	85%
Storage humidity	85%
PRE-LOADED SOFTWARE	
Whiteboard Software	Android & Windows versions available
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

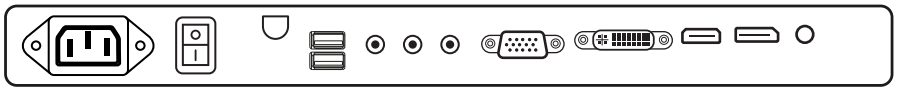
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

43inch Electra Touch Screen with Projected Capacitive Technology



Connectivity



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

100inch Electra Touch Screen

4K Ultra High Definition (UHD) with 20 touch points. The picture quality is excellent and the touch response is superb. The screen is perfect for Business, Education and Commercial use.

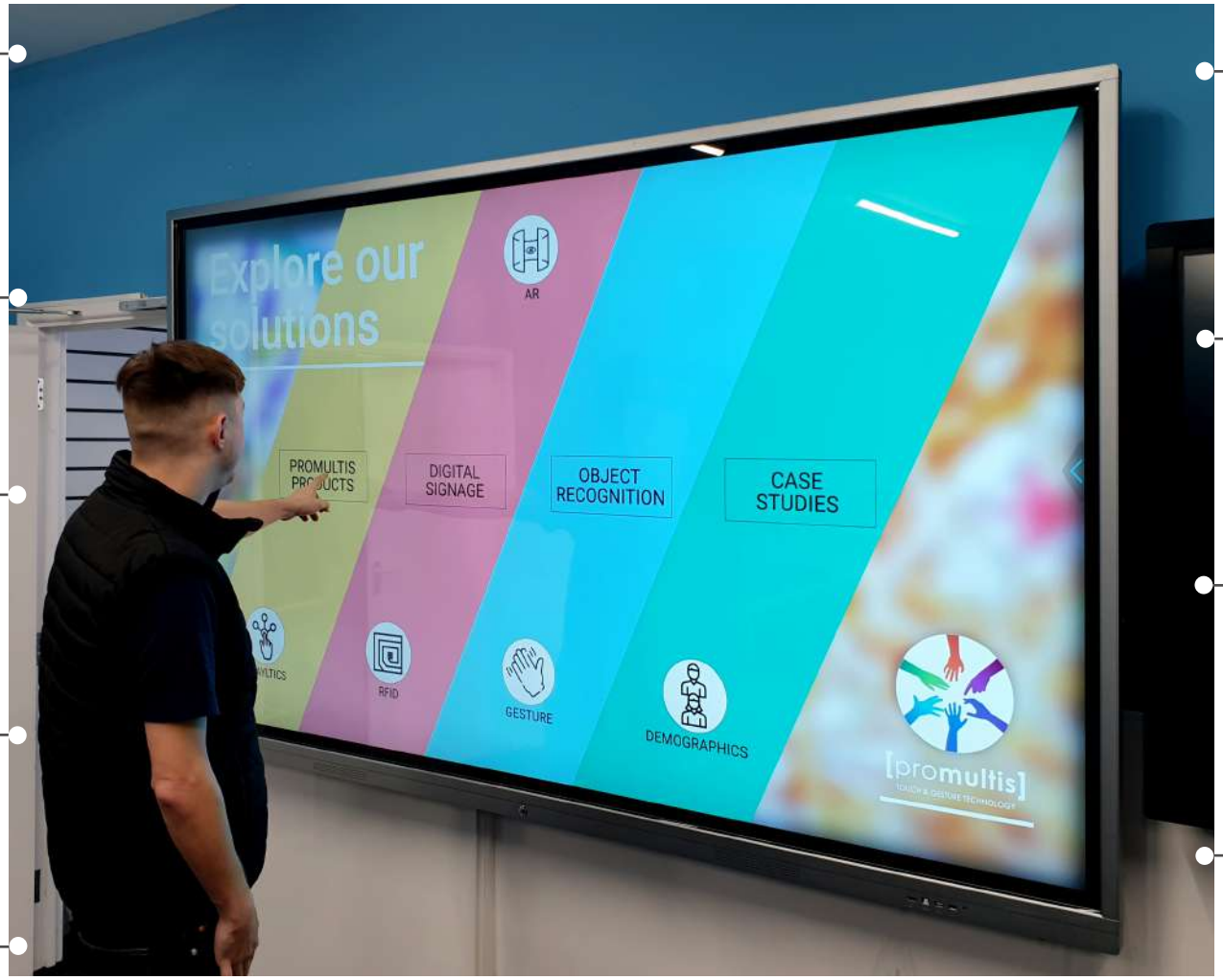
Tough Anti Scratch / Anti Glare Surface

Wall Bracket Included

HDMI, VGA, USB Connectivity

Optional OPS PC

Interactive Whiteboard Software



4K ULTRA HD

100inch, 4K UHD, Back-lit LED Screen

20 Touch Points

Integrated Android
Use without a connected PC

3 Year on-site Warranty

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

MAGICVIU MULTITOUCH SOLUTIONS

For more exciting multitouch products visit www.magicviu.com

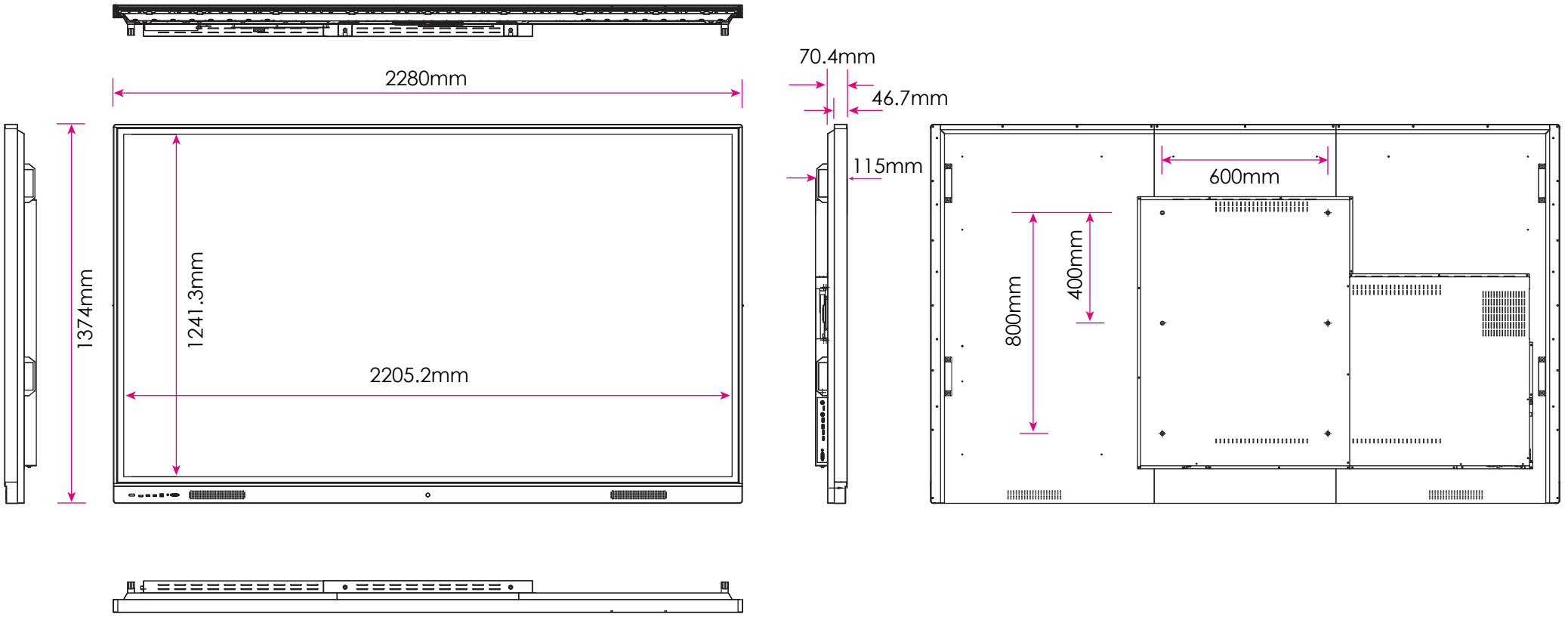
DISPLAY PANEL	
Screen Size	100" TFT-LCD
Display area	1241.3mm (H) x 2205.2mm (W) 16:9
Maximum Resolution	3840 x 2160 4K UHD
Display color	16.7M
Pixel Pitch(mm)	0.1845 (H) x 0.1845 (V)
Brightness (cd/m2)	350cd/m^2
Contrast (Type)	2000 : 1
Visual angle	178°/178°
Response time	5ms
Life (hrs)	>60,000 (hrs)
TOUCH	
Detection Method	Infrared
Avalilable Touch Point	20 Point
Response Time (Type)	<= 10 ms
Minimum Response Size	>= Φ3mm
Touch Resolution	32768 x 32768
Communication Interface	USB
MECHANICAL	
Monitor Size	2205.2mm (w) x 1374mm (h) x 115mm (d)
Colour	Black, white or silver
Case	Metal + Aluminium
Weight	75Kg

CONNECTIVITY	
HDMI	1
USB	2
VGA	1
Display Port	1
Composite video input	3 (BNCx3)
Speaker	2×5W(8Ω)
POWER	
Input Voltage	AC100 ~ 240V 50 /60 HZ
Maximum power consumption	<90W
Standby power consumption	<5W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	85%
Storage humidity	85%
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

100 inch Touch Screen



[promultis]

Firebolt Touch Screen

Offering Full UHD 4K, the picture quality is excellent and the touch response is superb. The screen is perfect for Business, Education and Commercial use.

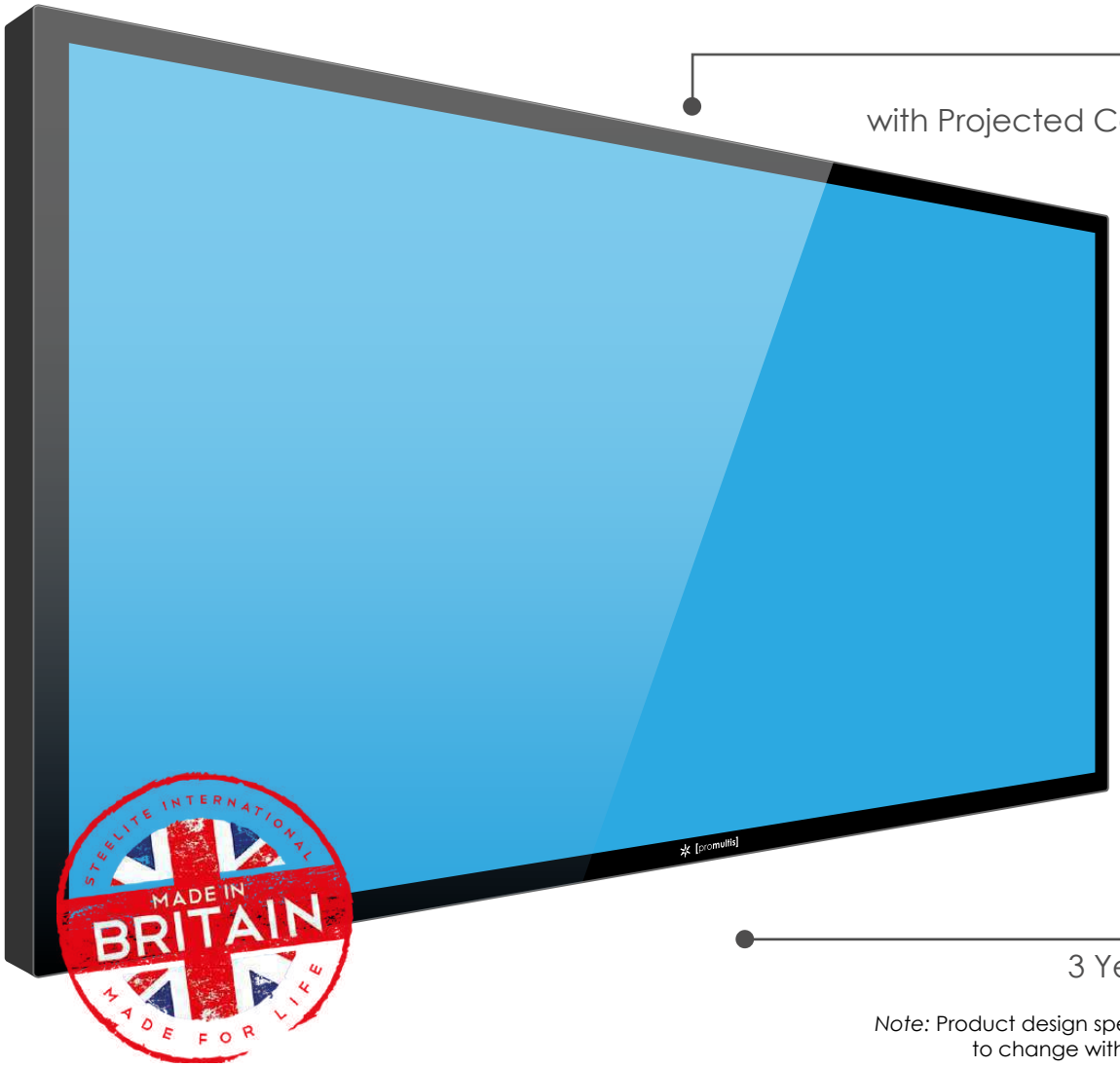
Tough Anti Scratch / Anti Glare Surface

Optional OPS PC

HDMI, VGA, RS232 and USB Connectivity
(32" screen: WiFi - not available)

Wall Bracket Included

Interactive UBoardMate Whiteboard Software



10 Touch Points with Projected Capacitive Technology

4K UHD, Back-lit LED Screen
(32" HD 1080p)

Integrated Android
Use without a connected PC

Anti-bacterial film option
Currently being tested for COVID-19

3 Year on-site warranty

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

MAGICVIU
MULTITOUCH SOLUTIONS

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PANEL	PM-65PC62 ES	PM-75PC62 ES	PM-86PC62 ES
Screen Size	65" (64.53")	75" (74.52")	86" (85.6")
Panel Technology	TFT LCD	TFT LCD	TFT LCD
Display Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Brightness (Typical)	350 cd / ²	350 cd / ²	350 cd / ²
Contrast (Typical)	1200 : 1	1200 : 1	1200 : 1
Response Time (Grey To Grey)	9 ms	6 ms	8 ms
Frame Rate	60 Hz	60 Hz	60 Hz
Viewing Angle (H / V)	178° / 178°	178° / 178°	178° / 178°
Display Colors	1.07B (10-bit)	1.07B (10-bit)	1.07B (10-bit)
Backlight Type	Direct LED	Direct LED	Direct LED
Service Life	> 30,000 Hours	> 30,000 Hours	> 30,000 Hours
Installation	Landscape	Landscape	Landscape
Picture Mode	Dynamic / Standard / Soft / User / Game / Writing	Dynamic / Standard / Soft / User / Game / Writing	Dynamic / Standard / Soft / User / Game / Writing
TOUCH			
Detection Method	Projected Capacitive	Projected Capacitive	Projected Capacitive
Avalilable Touch Point	10 Points (Support Up to 4 Active Pens)	10 Points (Support Up to 4 Active Pens)	10 Points (Support Up to 4 Active Pens)
Response Time (Typical)	<= 10 ms	<= 10 ms	<= 10 ms
Minimum Response Size	>= Φ 5 mm	>= Φ 5 mm	>= Φ 5 mm
Touch Resolution	16384 x 16384	16384 x 16384	16384 x 16384
Communication Interface	USB / UART	USB / UART	USB / UART
CONNECTIVITY			
HDMI Input(s)	4 (Side / HDMI 2.0 Compatible* / Type A)	4 (Side / HDMI 2.0 Compatible * / Type A)	4 (Side / HDMI 2.0 Compatible * / Type A)
HDMI Output(s)	1 (Optional/Side/HDMI 2.0 Compatible*/Type A)	1 (Optional/Side/HDMI 2.0 Compatible*/Type A)	1 (Optional/Side/HDMI 2.0 Compatible*/Type A)
VGA Input(s) (with Mini Jack Audio Input)	1 (Side / DE-15F)	1 (Side / DE-15F)	1 (Side / DE-15F)
DisplayPort Input(s)	1 (Side, DisplayPort 1.2 Compliant)	1 (Side, DisplayPort 1.2 Compliant)	1 (Side, DisplayPort 1.2 Compliant)
Digital Audio Output(s)	1 (Bottom / Optical)	1 (Bottom / Optical)	1 (Bottom / Optical)
Audio / Headphone Output(s)	1 (Bottom / Mini Jack)	1 (Bottom / Mini Jack)	1 (Bottom / Mini Jack)al)
USB 3.0 Port(s)	-	-	-
USB 2.0 Port(s)	5 (2 Side, 2 Front, 1 Top / Type-A)	5 (2 Side, 2 Front, 1 Top / Type-A)	5 (2 Side, 2 Front, 1 Top / Type-A)
RS-232C Port(s)	1 (Bottom / DE-9F)	1 (Bottom / DE-9F)	1 (Bottom / DE-9F)
LAN Port(s)	1 (Bottom / RJ45 for 10 / 100 Base-T)	1 (Bottom / RJ45 for 10 / 100 Base-T)	1 (Bottom / RJ45 for 10 / 100 Base-T)
Wi-Fi Module	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac
Touch Output(s)	2 (2 Bottom / USB Type-B)	2 (2 Bottom / USB Type-B)	2 (2 Bottom / USB Type-B)
Bluetooth Version	4.1	4.1	4.1

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

PANEL	PM-65PC62 ES	PM-75PC62 ES	PM-86PC62 ES
SOUND			
Audio Power Output (RMS)	15 W x 2 / 8 Ω + 15 W / 6 Ω	15 W x 2 / 8 Ω + 15 W / 6 Ω	15 W x 2 / 8 Ω + 15 W / 6 Ω
Subwoofer	YES	YES	YES
Speaker Position	Down Firing	Down Firing	Down Firing
Sound Mode	Standard / Music / Movie / Sports / User	Standard / Music / Movie / Sports / User	Standard / Music / Movie / Sports / User
SMART SYSTEM			
CPU	ARM Cortex A53 x 4	ARM Cortex A53 x 4	ARM Cortex A53 x 4
GPU	Mali-450 MP4	Mali-450 MP4	Mali-450 MP4
Operating System	Android 5.0.1	Android 5.0.1	Android 5.0.1
Memory	2 GB	2 GB	2 GB
On-board Storage	16 GB	16 GB	16 GB
OSD			
OSD Language Function	English	English	English
MECHANICAL			
Dimension of Product (W x H x D)	1526 x 902 x 95 mm	1747 x 1026 x 95 mm	1993 x 1165 x 95 mm
Dimension of Package Carton (W x H x D)	1665 x 1071 x 228 mm	1888 x 1190 x 228 mm	2128 x 1337 x 228 mm
VESA® Hole Pitch (W x H)	600 x 400 mm, M8 Screw	600 x 400 mm, M8 Screw	800 x 600 mm, M8 Screw
Front Glass	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)
POWER			
Power Supply	AC 100-240 V 50 / 60 Hz	AC 100-240 V 50 / 60 Hz	AC 100-240 V 50 / 60 Hz
Power Consumption (in Operation)	170 W	290 W	370 W
Power Consumption (in Standby)	<= 0.5 W	<= 0.5 W	<= 0.5 W
ECO Sensor	YES	YES	YES
ENVIRONMENTAL			
Operation Temperature	0 - 40°	0 - 40°	0 - 40°
Storage Temperature	-20 - 60°	-20 - 60°	-20 - 60°
Operation Humidity	20 - 80 %RH (No Condensation)	20 - 80 %RH (No Condensation)	20 - 80 %RH (No Condensation)
Storage Humidity	10 - 90 %RH	10 - 90 %RH	10 - 90 %RH
SUPPLIED ACCESSORIES			
	AC Power Cable / Operating Instructions / Quick Start Guide / Writing Pen / Remote Control / VGA Cable / USB Cable / HDMI Cable / Guarantee Card		

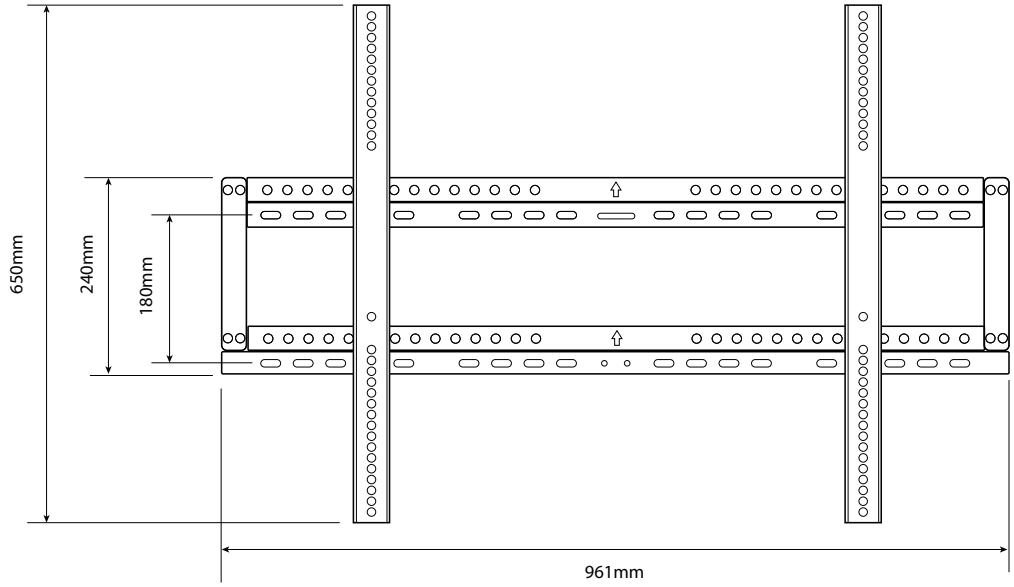
* up to 3840 × 2160 @ 60 Hz

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

Andriod OS	
System Version	Android 5.01
CPU	ARM Cortex A53 1.5G
GPU	Mali450x4
RAM	2GB

PC Module (Optional)	
Operating OS	Windows 10 / DOS
CPU	6th / 7th Generation Intel® Core™ Mobile Processor
Chipset	Integrated
Graphics	Integrated
Memory	4 GB up to 16 GB Dual Channel, DDR4L 2 x SO-DIMM
Storage	2.5" 500 GB up to 2 TB SATA Hard Drive 128 GB up to 256 GB M2.2242 SSD (Optional)
Wireless Data Network	802.11 a/b/g/n/ac, Bluetooth V4.0
LAN	10/100/1000 Mbps
Audio	High Definition 5.1 Channel Audio
I/O Ports	2 x USB 3.0 Type-A 2 x USB 2.0 Type-A 1 x HDMI (up to 4K @ 30 Hz) 1 x RJ45 LAN 2 x Audio Jack(s) (Line out / Mic in)
OPS Interface	HDMI (up to 4K @ 60 Hz)
Dimension	180 mm (L) x 119 mm (W) x 30 mm (H)
Weight	0.9 kg

Supplied Mounting Bracket			
Width	**Height**	**Depth**	**Weight**
960 mm	240 mm	29.4 mm	8kg



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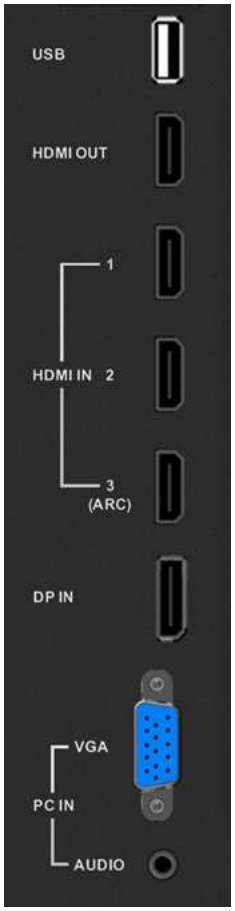
Connectivity



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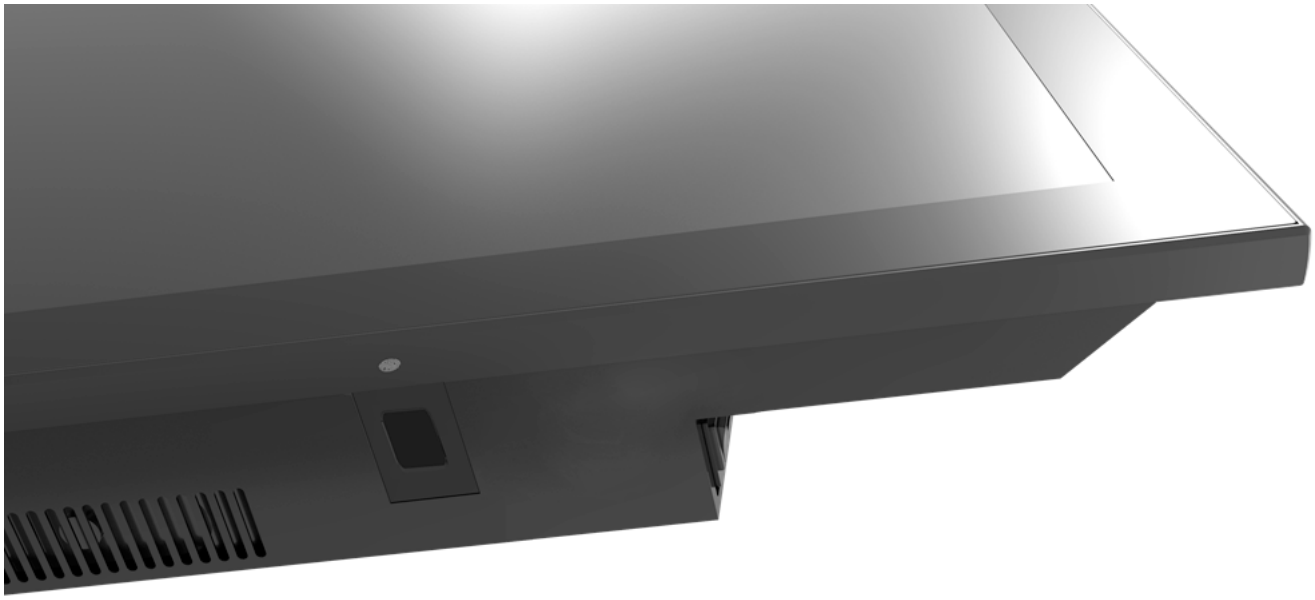
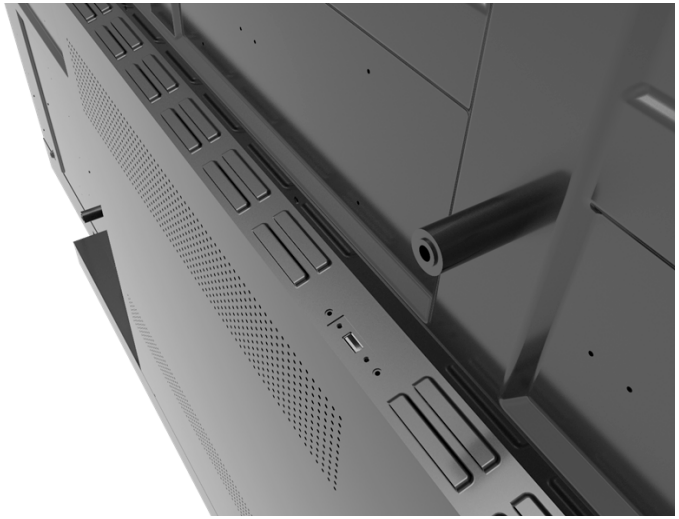
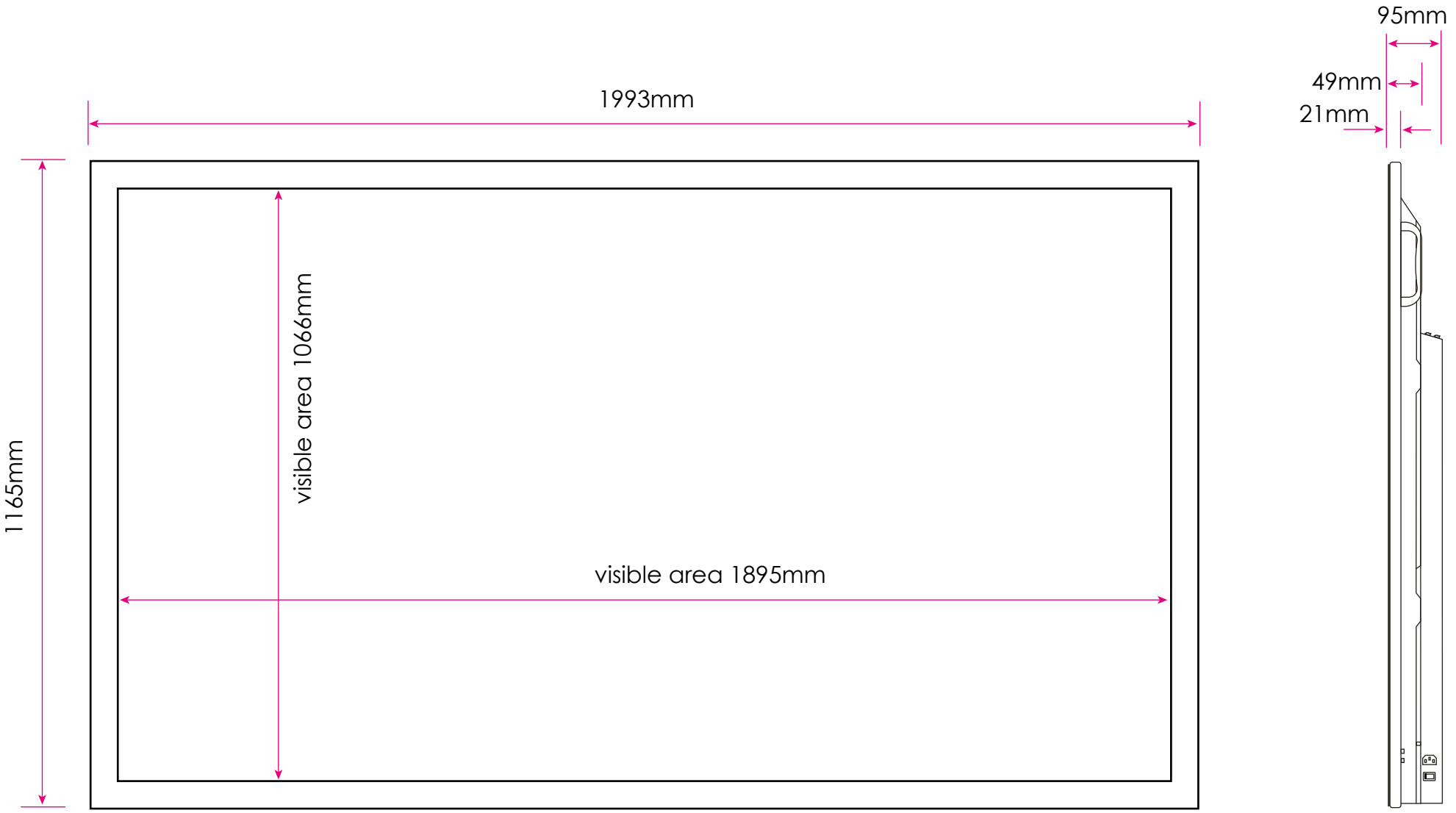
Connectivity





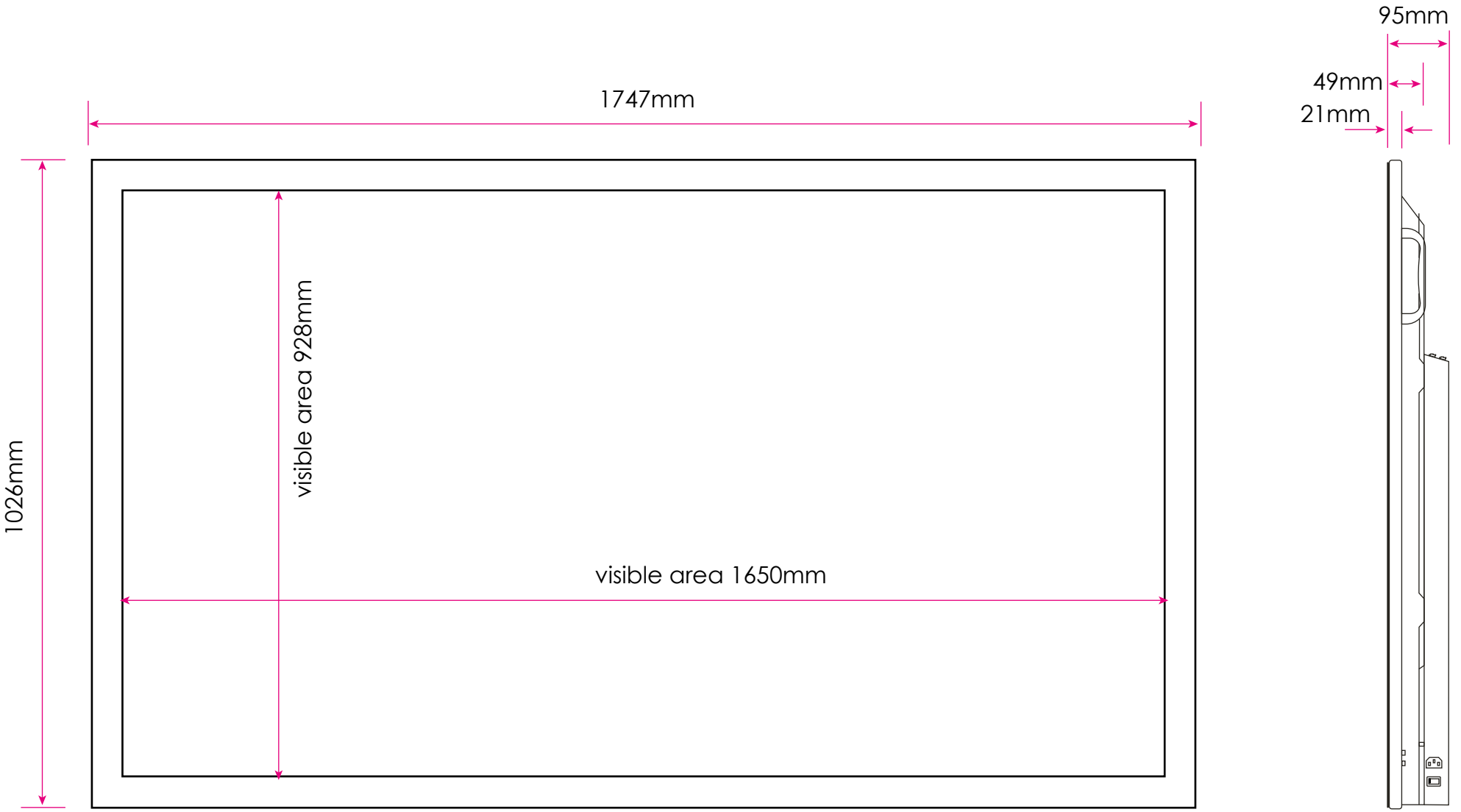
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

86” Firebolt Touch Screen Dimensions



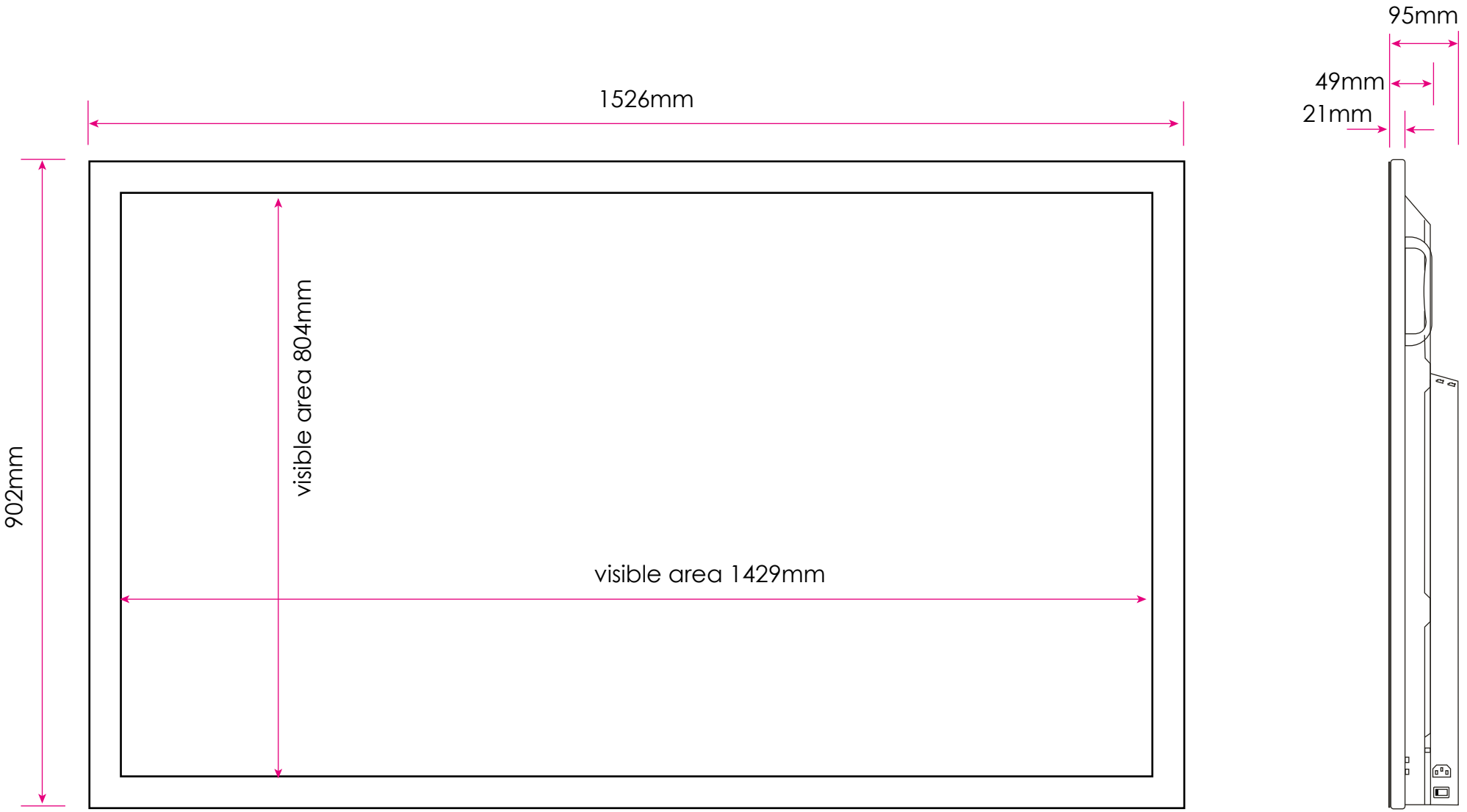
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

75” Firebolt Touch Screen Dimensions



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

65” Firebolt Touch Screen Dimensions



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

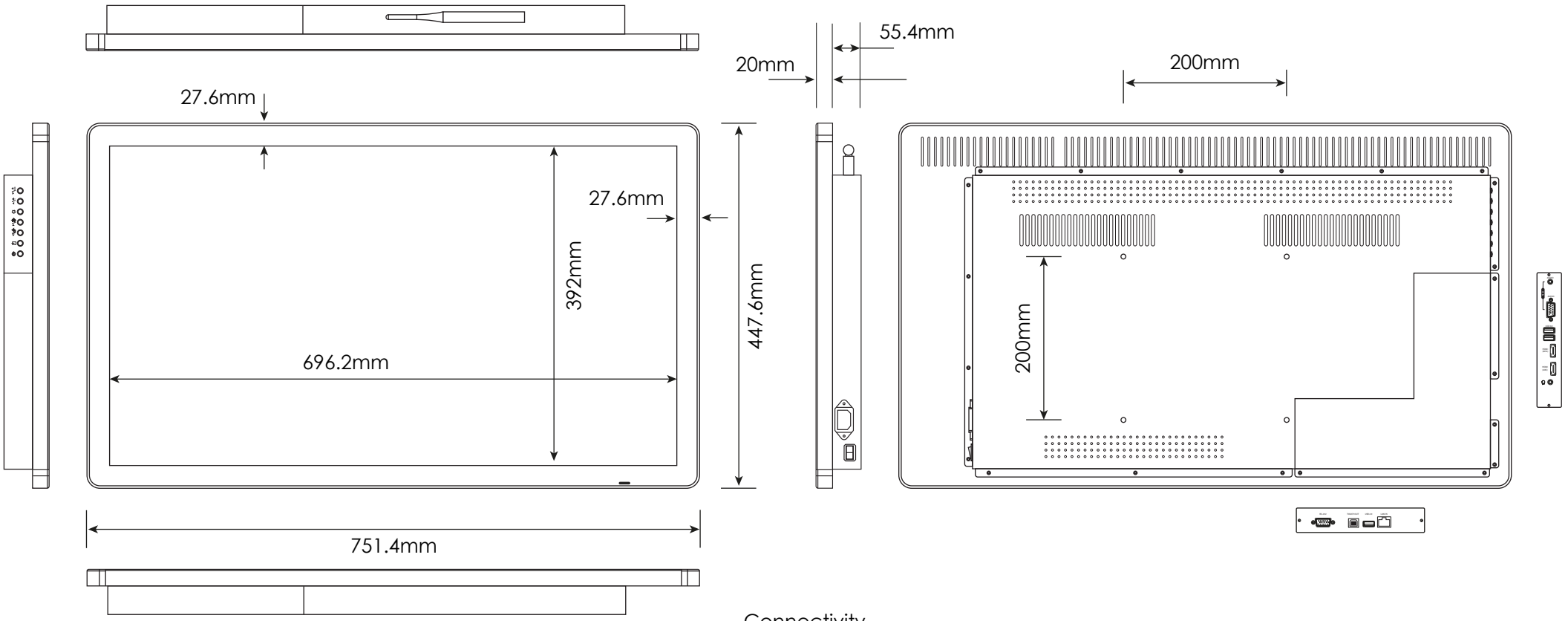
PANEL	
Screen Size	32"
Display area	751.4mm (H) x 447.6mm (V) 16:9
Maximum Resolution	1920 x 1080
Display color	16.7M
Brightness (cd /m^2)	250 cd /m^2
Contrast (Type)	3000 : 1
Visual angle	178°/178°
Response time	8ms
Life (hrs)	>50,000 (hrs)
TOUCH	
Specification	Projected Capacitive
Touch points	10
FEATURES	
Main chipset	MSD6A828, Quad core
RAM	2GB
ROM	16GB
Android Version	Android 5.0.1
LAN	Yes
Rotatable Screen	Yes, (0°, 90°)
Remote control	Yes
Speaker	2×5W(8Ω)
Video File Format supported	MPG, MOV, AVI, MKV, DAT, VOB, etc
Audio File Format supported	MP3, M4A, AAC, etc
Picture File Format supported	JPG, JPEG, BMP, etc

APPEARANCE	
Colour	Black
Material	Metal & Aluminium
Size	751.4mm x 447.6mm x 75.4mm
CONNECTIVITY	
HDMI	2
USB 3 (Type A)	2
USB 2 (Type A)	1
RGB PC in	1
LAN (RJ45)	1
RS232	1
Earphone out	1
WiFi	Not available
POWER	
Power supply	AC100 ~ 240V 50 /60 HZ
Power rating	<80W
Standby power consumption	<1W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	10% ~ 90%
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

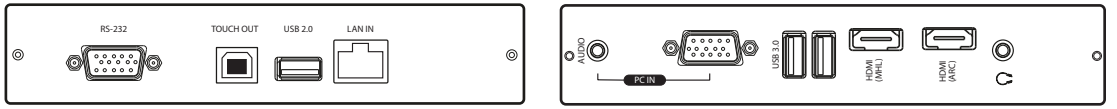
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

32inch Firebolt Touch Screen with Projected Capacitive Technology



Connectivity

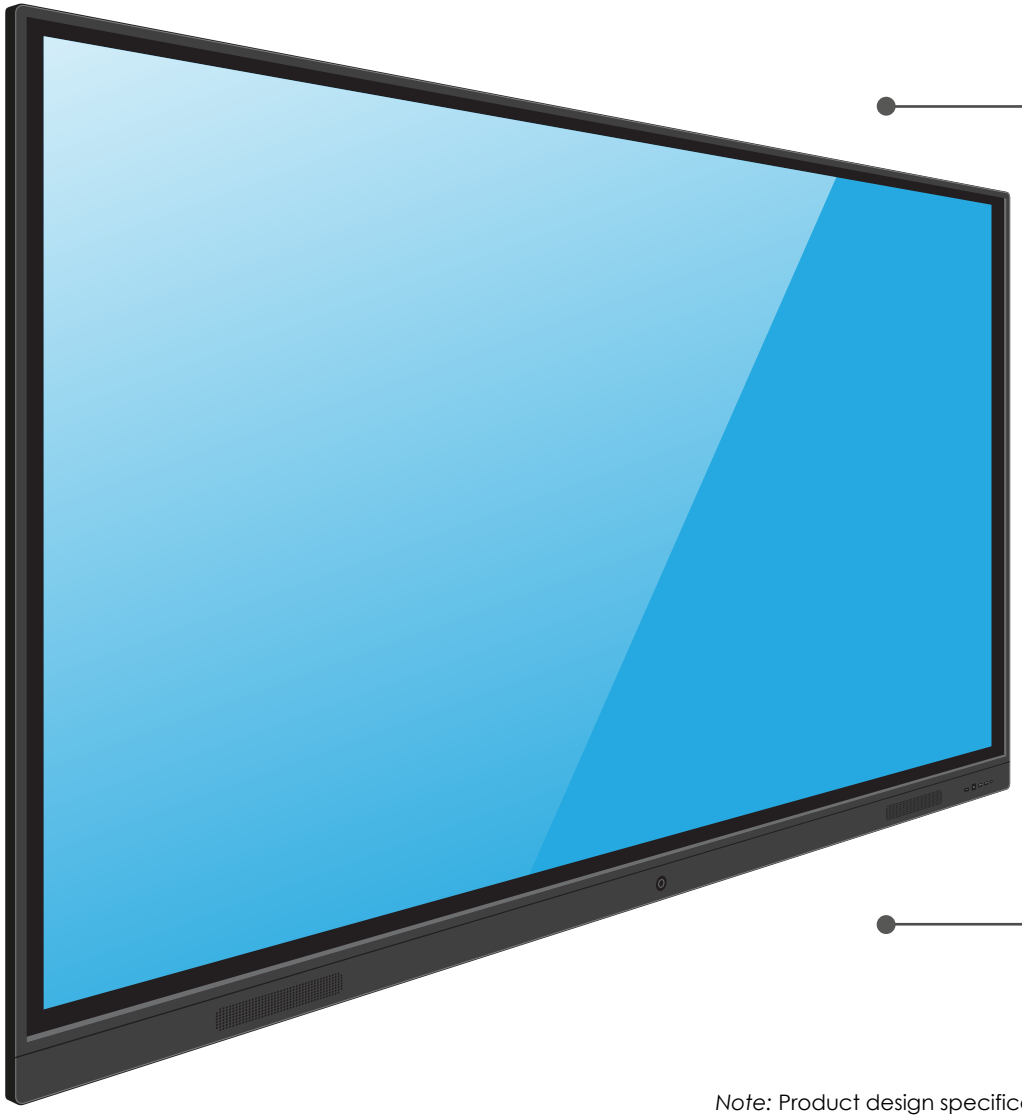


Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

100inch Firebolt Touch Screen

4K Ultra High Definition (UHD) with 20 touch points. The picture quality is excellent and the touch response is superb. The screen is perfect for Business, Education and Commercial use.



- Tough Anti Scratch / Anti Glare Surface
- Wall Bracket Included
- HDMI, VGA, USB Connectivity
- Optional OPS PC
- Interactive Whiteboard Software
- 4K ULTRA HD — 100inch, 4K UHD, Back-lit LED Screen
- 20 Touch Points
- Integrated Android — Use without a connected PC
- 3 Year on-site Warranty

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

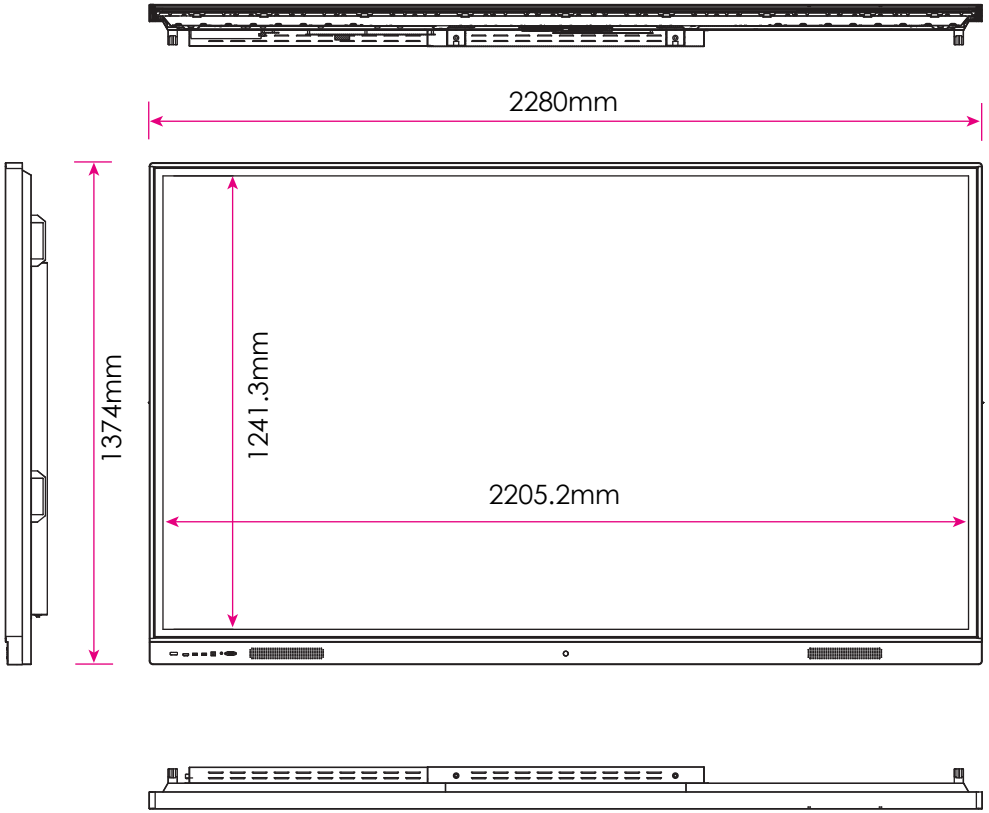
DISPLAY PANEL	
Screen Size	100" TFT-LCD
Display area	1241.3mm (H) x 2205.2mm (W) 16:9
Maximum Resolution	3840 x 2160 4K UHD
Display color	16.7M
Pixel Pitch(mm)	0.1845 (H) x 0.1845 (V)
Brightness (cd/m2)	350cd/m^2
Contrast (Type)	2000 : 1
Visual angle	178°/178°
Response time	5ms
Life (hrs)	>60,000 (hrs)
TOUCH	
Detection Method	Infrared
Avalilable Touch Point	20 Point
Response Time (Type)	<= 10 ms
Minimum Response Size	>= Φ3mm
Touch Resolution	32768 x 32768
Communication Interface	USB
MECHANICAL	
Monitor Size	2205.2mm (w) x 1374mm (h) x 115mm (d)
Colour	Black, white or silver
Case	Metal + Aluminium
Weight	145Kg

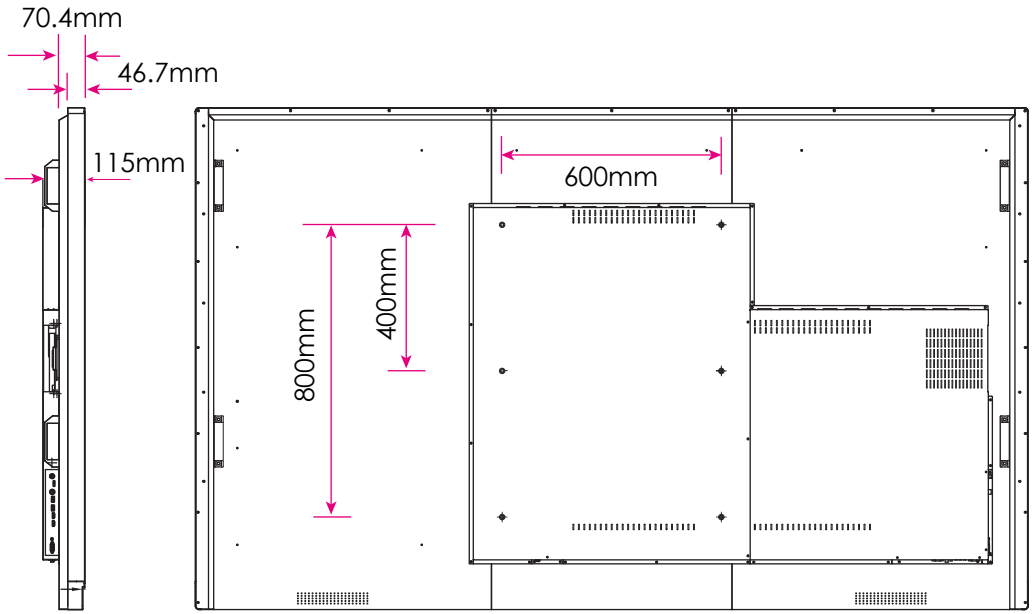
CONNECTIVITY	
HDMI	1
USB	2
VGA	1
Display Port	1
Composite video input	3 (BNCx3)
Speaker	2×5W(8Ω)
POWER	
Input Voltage	AC100 ~ 240V 50 /60 HZ
Maximum power consumption	<90W
Standby power consumption	<5W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	85%
Storage humidity	85%
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

100 inch Touch Screen

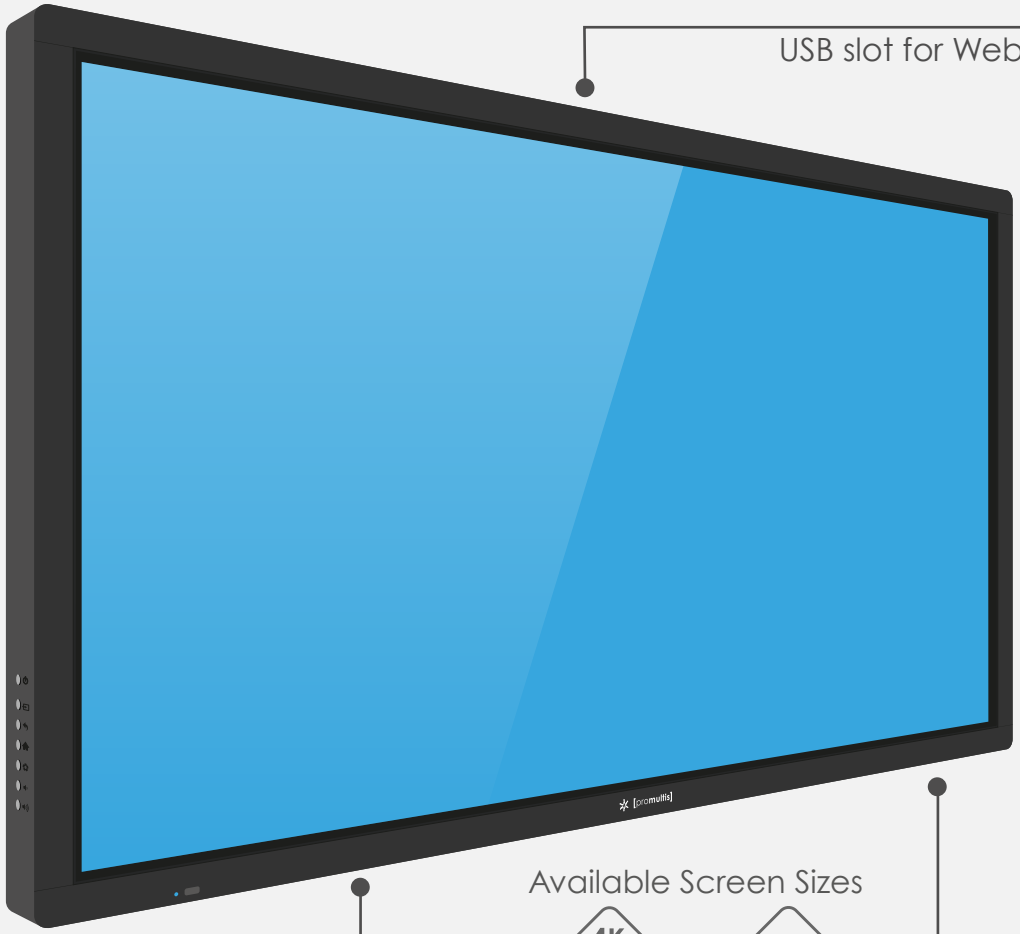




[promultis]

Lightning II Touch Screen

Offering Full HD 1080p or 4k, the picture quality is excellent and the touch response is superb. The screen is perfect for Business, Education and Commercial use.



Tough Anti Scratch /
Anti Glare Surface

Wall Bracket Included

Optional OPS PC

Side Mounted Controls*
*43" screen front mounted controls

Interactive UBoardMate
Whiteboard Software

USB slot for Webcam

32 Touch Points

Integrated Android
Use without a connected PC

HDMI, VGA, RS232
and USB Connectivity

3 Year Repair or Replace Warranty

Available Screen Sizes

4K ULTRA HD
65"- 75"- 86"
Elite Screens

FULL HD 1080p
43"- 55"- 65"
Pro Screens

STEELITE INTERNATIONAL MADE IN BRITAIN MADE FOR LIFE

The Promultis Lightning II is a highly versatile, fast and reliable multitouch screen. With a narrow bezel and modern sleek design, this unit is extremely well equipped with the latest in multitouch infra-red technology.

Available in sizes from 43" up to 86" and available in 1080p HD or 4K UHD variants. The wall or stand mounted Lightning II screen is a very flexible and highly cost-effective solution to a multitude of needs.

Promultis Touch Screens are ideal for:

- Control rooms
- Interactive digital signage
- Education and training rooms
- Presentation environments
- Video conferencing
- Boardrooms
- Reception area

Integrated Android 5.01

Connect a usb drive to one of the usb ports on the display and upload your media directly into the built-in Android Operating System. View and manage your media assets directly from the usb drive.

In addition, you can open the Play Store and install any app onto the screen.

Onscreen Menu

Onscreen menu allows you to change volume, change video input, freeze the screen, annotate, and turn off the screen. These options are also accessible from the buttons on the side of the screen.

Optional PC integration in rear of display

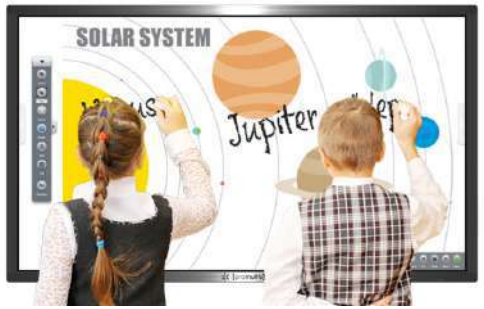
OPS PC with Intel i5 or i7 Processor and built-In A/C band WiFi Router.

USB port for camera

USB port on the top of the display for usb web camera, allowing you to use the Lightning II as a very powerful video conferencing tool and take advantage of a whole host of photo and video applications.

In this example Promultis developed interactive software to exploit the screen webcam feature allowing the client's employees to upload their photograph and add a message of support for an on-going product development.

Promultis White Board Software



The Lightning II also comes with our industry renowned UboardMate interactive whiteboard software, which allows you to interact with the screen content in a multitude of fun and creative ways, perfect for education and training.

Optional Collaboration Software

Promultis software solutions help you to make presentations more interactive. Allowing your audience to connect wirelessly and contribute to your presentation and collaborate with each other from their own devices. Participants can contribute, add their own notes, capture content and save that session for review at a later date. Enhance meetings, presentations, training and teaching.

Optional Bespoke Interactive Software

Engage with customers through a fully branded, interactive application with multi-user, collaborative interface incorporating your corporate identity, images, literature, audio files, videos, web sites and social media.

Interactive, digital signage solution developed for a city centre transport hub in Scotland featuring wayfinding, local attractions and transport timetables.

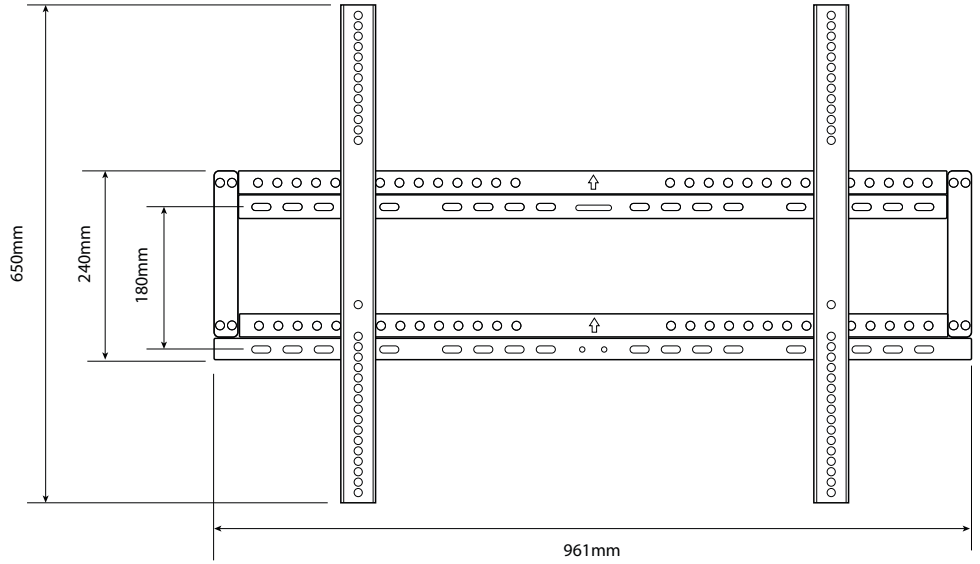
	43” Lightning II Pro	55” Lightning II Pro	65” Lightning II Pro	65” Lightning II Elite	75” Lightning II Elite	86” Lightning II Elite
Dimensions						
Width	1013.5 mm	1311 mm	1527 mm	1527 mm	1749 mm	2007 mm
Height	614 mm	783 mm	903 mm	903 mm	1029 mm	1179 mm
Depth	107.8 mm	112.7 mm	113.7 mm	114 mm	105.3 mm	124.7 mm
Weight	26 kg	40 kg	58 kg	58 kg	82 kg	110 kg
Visible screen	941mm x 529mm	1209.6mm x 680.4mm	1428.4 mm x 803.5mm	1428.4 mm x 803.5mm	1675.8 mm x 928.2mm	1929.2 mm x 1078.6mm
Display						
Touch points	32	32	32	32	32	32
Screen Type	LED Backlit	LED Backlit	LED Backlit	LED Backlit	LED Backlit	LED Backlit
Aspect ratio	16:9	16:9	16:9	16:9	16:9	16:9
Resolution	Full HD	Full HD	Full HD	UHD 4K	UHD 4K	UHD 4K
Pixels	1920 x 1080	1920 x 1080	1920 x 1080	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
Android OS	✓	✓	✓	✓	✓	✓
Brightness	300 cd/m^2	350 cd/m^2	350 cd/m^2	350 cd/m^2	450 cd/m^2	350 cd/m^2
Contrast	1200	1400	4000	4000	4000	1200
Response Time	12ms	8ms	8ms	10ms	8ms	8ms
Number of Colours	16.7M (8-bit)	16.7M (8-bit)	1.07B (10-bit)	16.7B (10-bit)	10-bit (8bit + FRC)	1.07B (10-bit)
Refreshing Frequency	60Hz	60Hz	60Hz	120Hz	120Hz	60Hz
View Angle	178/178	178/178	178/178	176/176	178/178	178/178
Service Life (Minimum)	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs

Touch System	
Sensing Type	Infrared System (32 point operation : 65 FHD modle 10 point)
Response Time	<10ms(typ)
Response Area	>=Ø3ms
Reported Touch Resolution	32768x32768 (with driver) : 7680x4320 (without driver)
Communication Mode	USB
Ambient Conditions	
Operation Temperature	0°C-40°C
Operation Humidity	10% - 90% RH
Storage Temperature	-20°C-60°C
Storage Humidity	10% - 90% RH
Main Board Module	
Main Chipset Manufacture	MSTAR
Audio	
Max Audio Output (THD=7%)	15Wx2+20Wx1
Connectivity	
Composite Video Input (Mini Jack)	1
Composite Audio Input (Mini Jack)	3
Component Video intput(Mini Jack)	0
Component Audio Input (Mini Jack)	0
S-video Input	0
VGA Input:(D-sub)	3
VGA Output:(D-sub)	1
VGA Audio Input	3
VGA Audio Output (Mini Jack)	0
HDMI Input	2 (Support 4K Input)
DP Input	1
A/V Output (Mini Jack)	0
Earphone Jack	1
RS-232C(Type)	1
SPDIF Output(Optical/ Coaxial)	1 (Optical)
USB 2.0	1 (Side) +2 (Front)
USB 3.0	2
USB2.0 for camera For Android & Windows	1
LAN(RJ45)	1
Updating interface	USB
WAN(RJ45)In	1
WIFI router	1 (A/B/G/N)
Supplied Accessories	
AC Power Cable / Operating Instructions / Quick Start Guide / Writing Pen / Remote Control / VGA Cable / USB Cable / HDMI Cable / Guarantee Card	

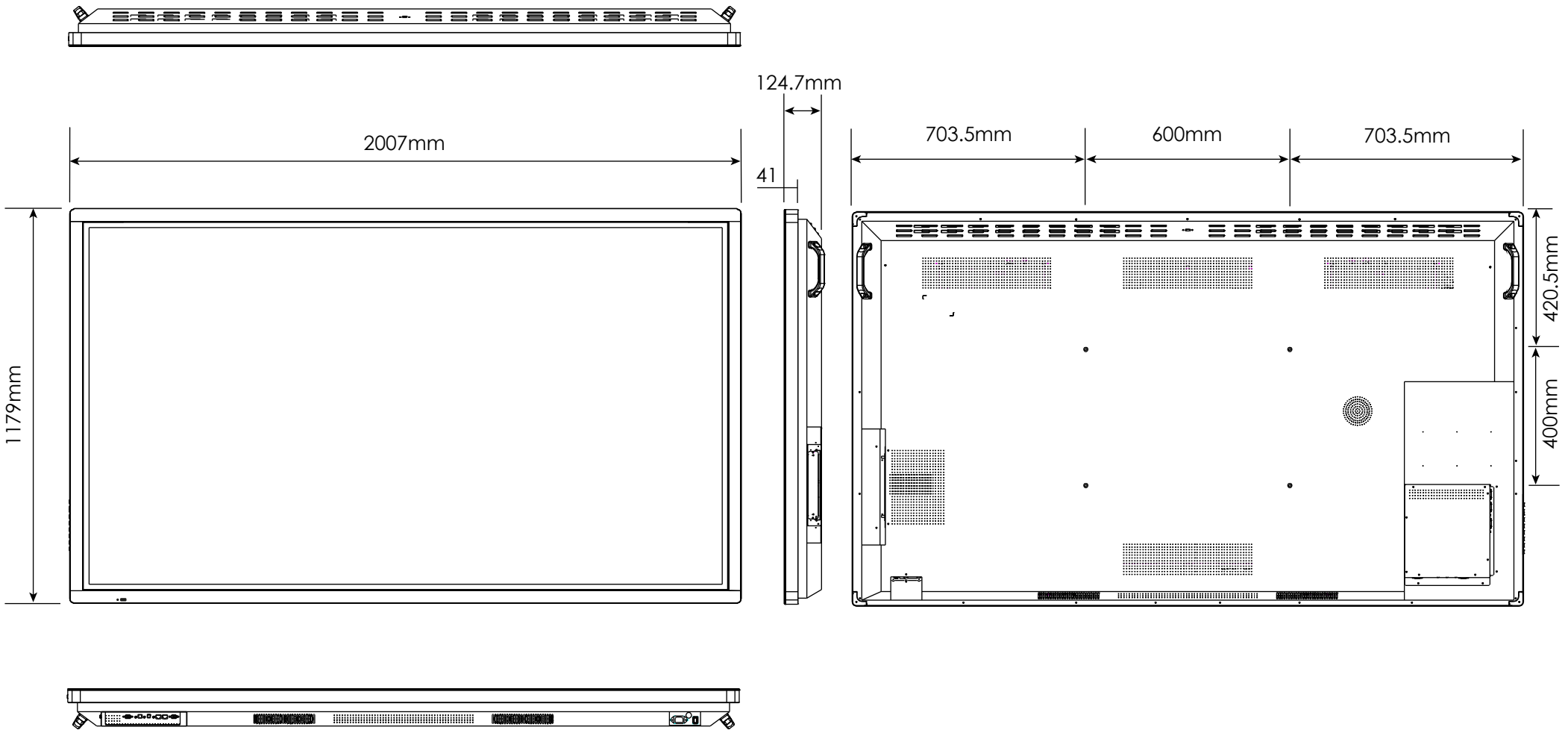
Andriod OS	
System Version	Android 5.01
CPU	ARM Cortex A53 1.5G
GPU	Mali450x4
RAM	2GB

Optional USFF PC integration in rear		
Processor	Intel i5	Intel i7
Graphics	Integrated	2GB Dedicated
Sound Card	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo
Networking	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption
Memory	4G DDR3	8GB DDR3
Hard Drive	500G SATA (SSD option)	M.2 128GB SSD
WIFI	802.11b/g/n /802.11a/b/ g/n (optional)	802.11b/g/n /802.11a/b/g/n (optional)
USB(A)	6(4 for USB2.0 2 for USB3.0)	6(4 for USB2.0 2 for USB3.0)
Microphone In	1	1
Earphone Out	1	1
HDMI	1	1
Mini DP	1	1
Lan Port(RJ45)	1	1

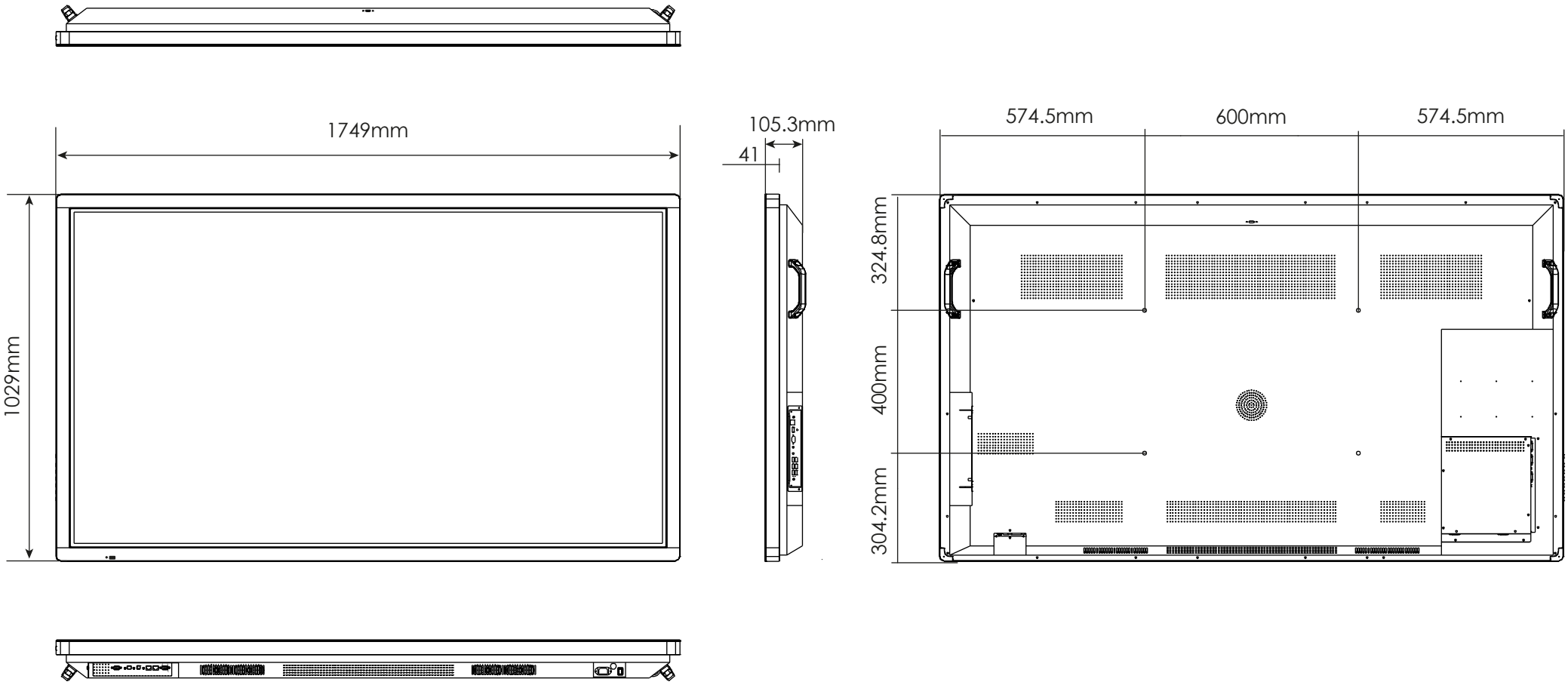
Supplied Mounting Bracket			
Width	Height	Depth	Weight
960 mm	240 mm	29.4 mm	8kg



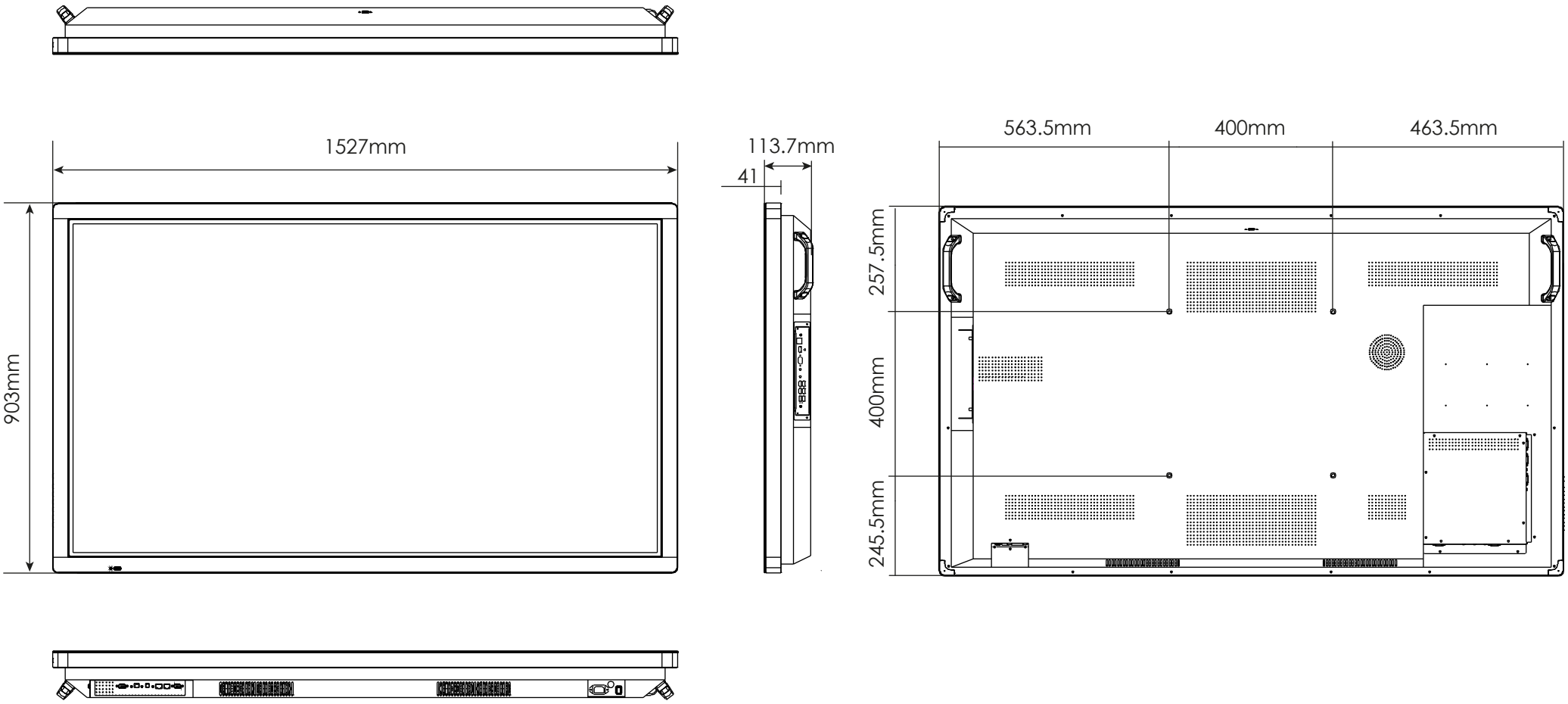
86” Lightning II Screen



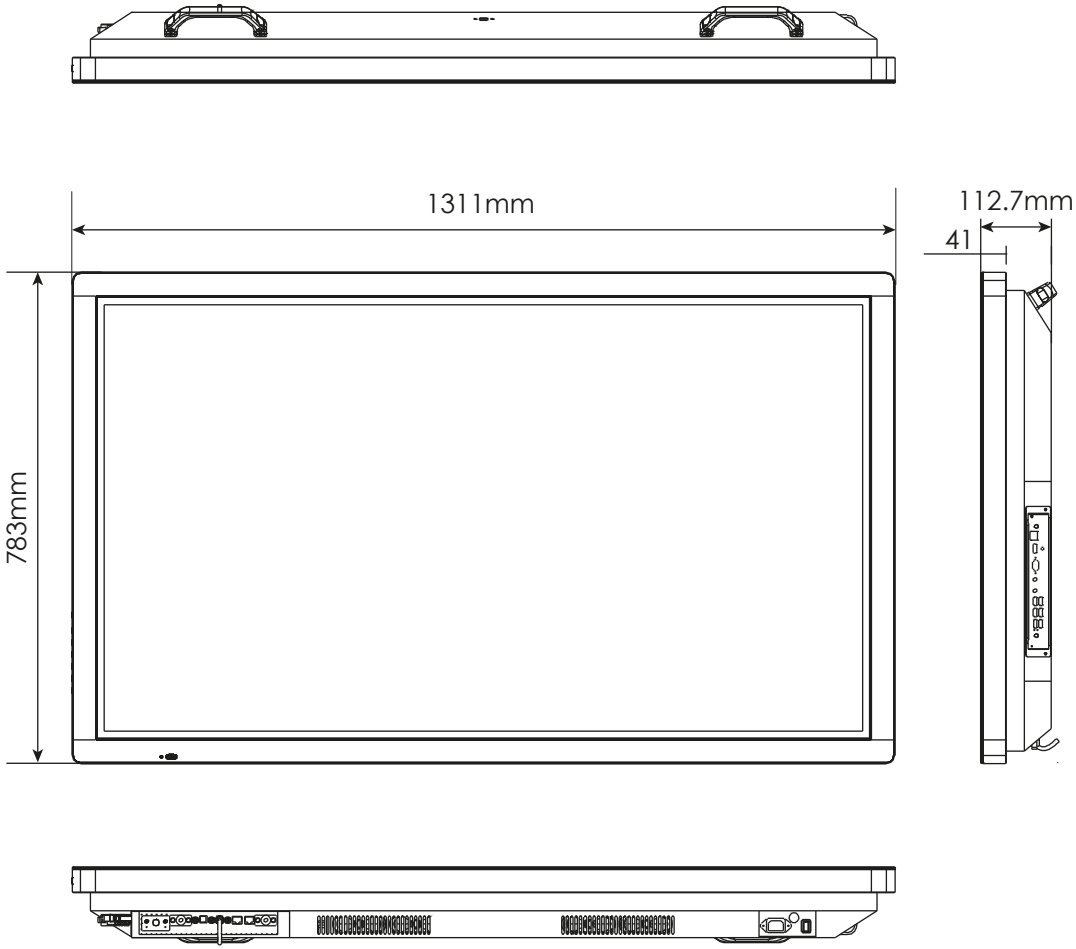
75” Lightning II Screen

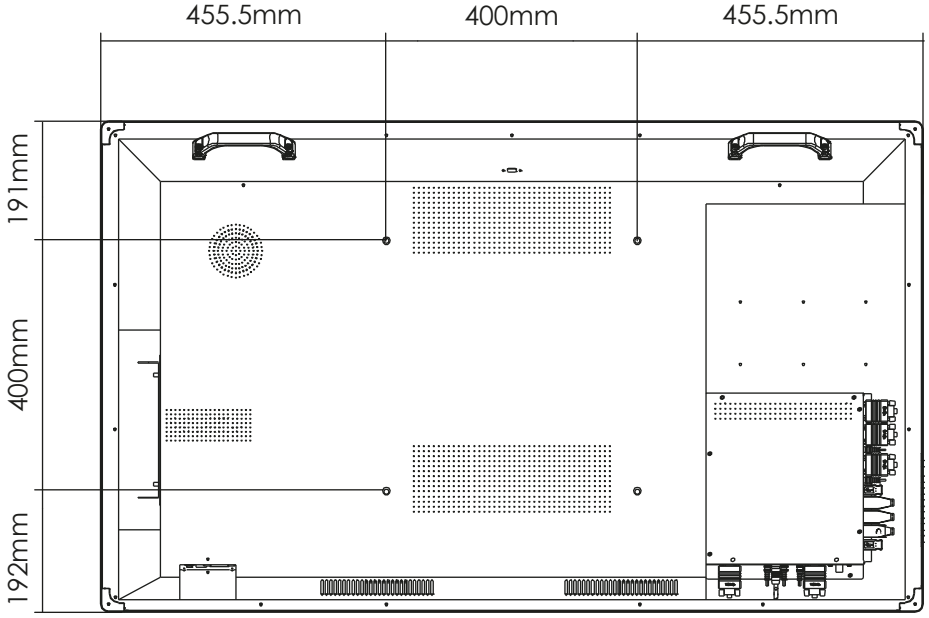


65” Lightning II Screen

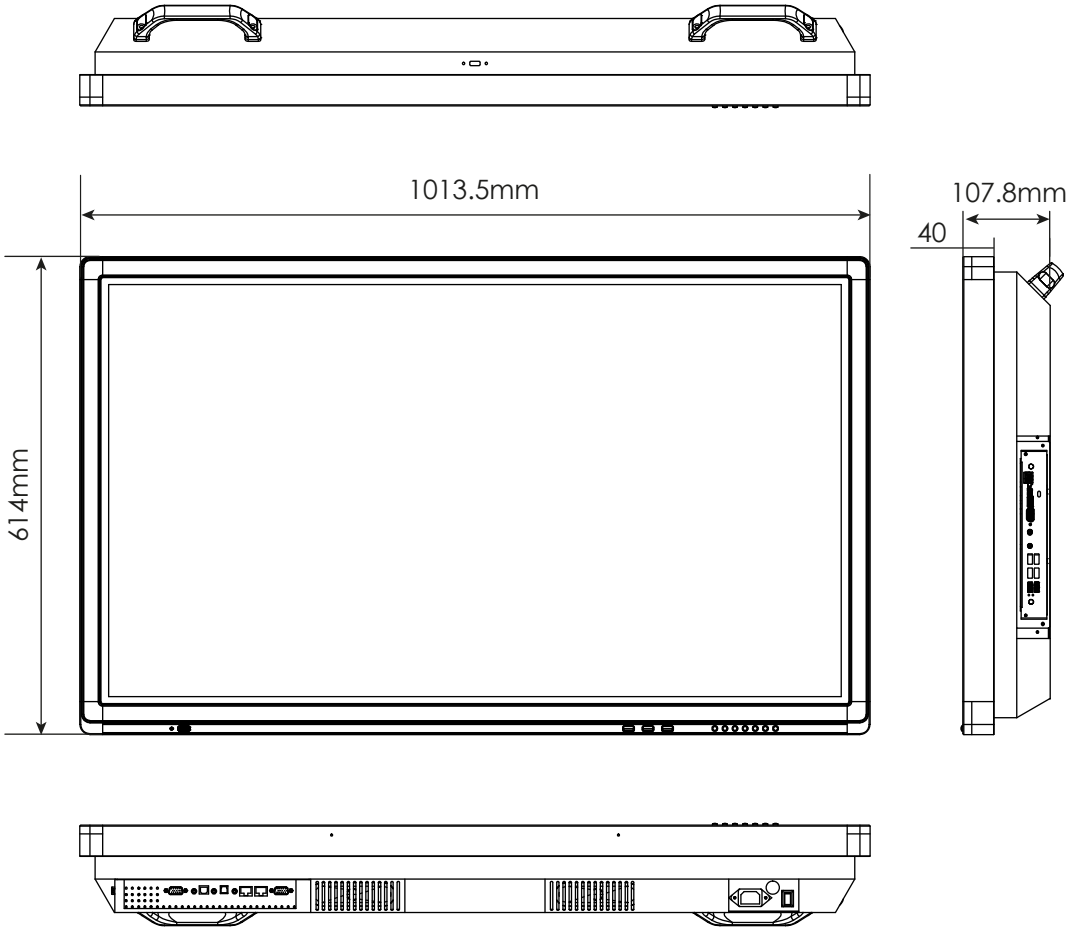


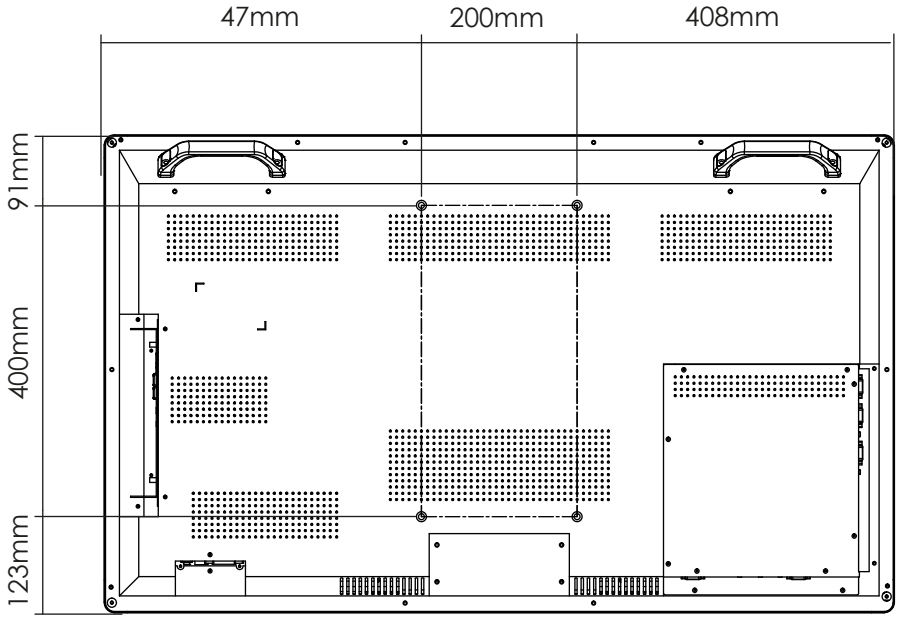
55” Lightning II Screen





43” Lightning II Screen

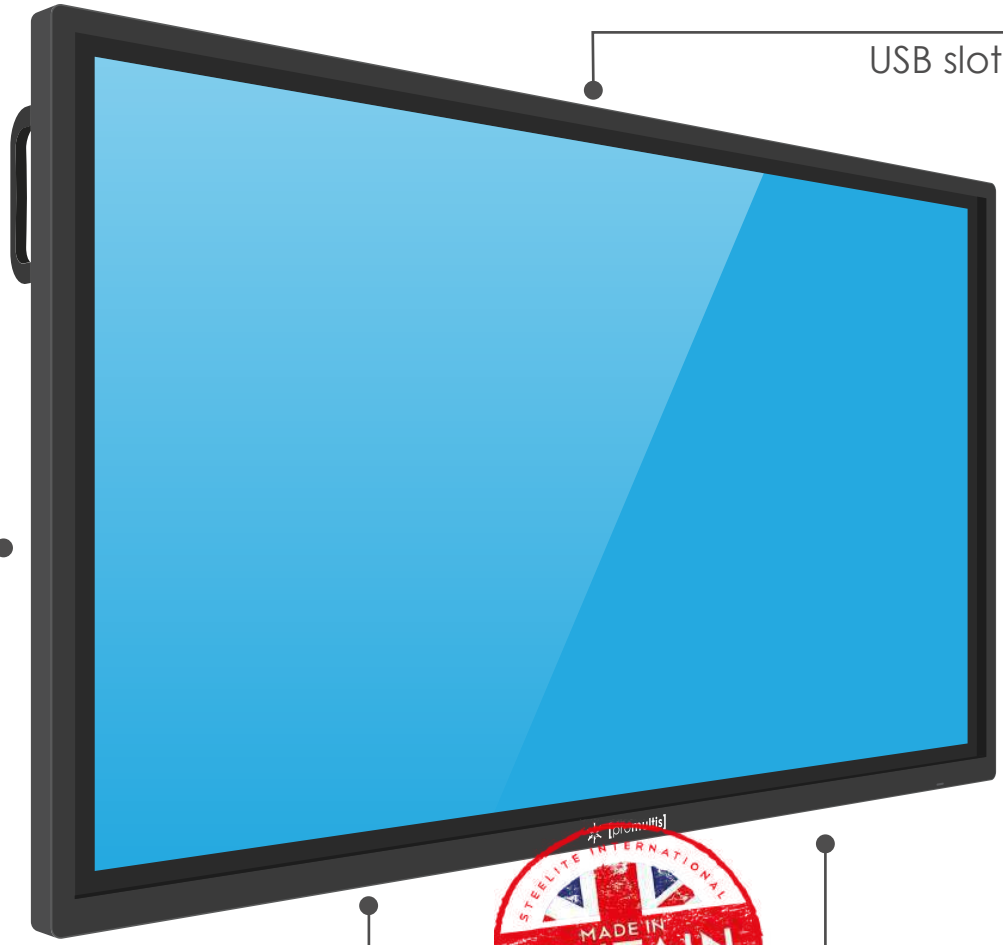




[promultis]

Lightning III Touch Screen

4K Ultra High Definition (UHD) with 32 touch points. The picture quality is excellent and the touch response is superb. The screen is perfect for Business, Education and Commercial use.



Tough Anti Scratch / Anti Glare Surface

Wall Bracket Included

HDMI, VGA, RS232 and USB Connectivity

Optional OPS PC

Interactive UBoardMate Whiteboard Software

USB slot for Webcam

55" | 65" | 75" | 86"
Screen sizes available

32 Touch Points

Anti-bacterial film option
Currently being tested for COVID-19

Integrated Android
Use without a connected PC

3 Year Repair or Replace Warranty

MAGICVIU
MULTITOUCH SOLUTIONS

For more exciting multitouch products visit
www.magicviu.com

The Promultis Lightning III is a highly versatile, fast and reliable multitouch screen. With a narrow bezel and modern sleek design, this unit is extremely well equipped with the latest in multitouch infra-red technology.

Available in sizes from 55" up to 86" and all are 4K UHD. The wall or stand mounted Lightning III screen is a very flexible and highly cost-effective solution to a multitude of needs.

Promultis Touch Screens are ideal for:

- Control rooms
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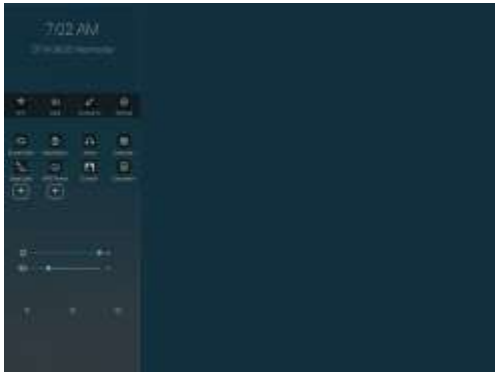
- Reception area

Integrated Android 8.0

Connect a usb drive to one of the usb ports on the display and upload your media directly into the built-in Android Operating System. View and manage your media assets directly from the usb drive.

In addition, you can open the Play Store and install any app onto the screen.

Onscreen Menu



Onscreen menu allows you to change volume, change video input, freeze the screen, annotate, and turn off the screen. These options are also accessible from the buttons on the side of the screen.

Optional PC integration in rear of display

OPS PC with Intel i5 or i7 Processor and built-In A/C band WiFi Router.

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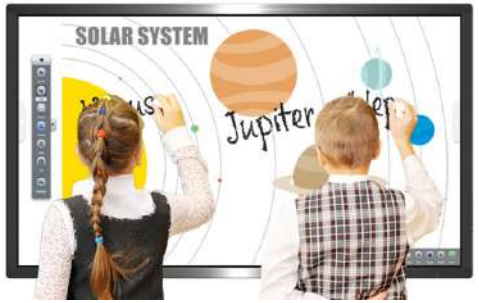
Promultis White Board Software



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Engage with customers through a fully branded, interactive application with multi-user, collaborative interface incorporating your corporate identity, images, literature, audio files, videos, web sites and social media.

Interactive, digital signage solution developed for a city centre transport hub in Scotland featuring wayfinding, local attractions and transport timetables.

	55” Lightning III	65” Lightning III	75” Lightning III	86” Lightning III
PANEL				
Screen Size	55” (54.64”)	65” (64.53”)	75” (74.52”)	86” (85.6”)
Panel Technology	TFT LCD	TFT LCD	TFT LCD	TFT LCD
Display Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Brightness (Type)	350 cd /m^2	350 cd /m^2	350 cd /m^2	350 cd /m^2
Contrast (Type)	1300 : 1	1300 : 1	1200 : 1	1200 : 1
Response Time (Gray To Gray)	9 ms	9 ms	8 ms	8 ms
Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz
Viewing Angle (H / V)	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Display Colors	1.07B (10-bit)	1.07B (10-bit)	1.07B (10-bit)	1.07B (10-bit)
Backlight Type	Direct LED	Direct LED	Direct LED	Direct LED
Service Life	> 30,000 Hours	> 30,000 Hours	> 30,000 Hours	> 30,000 Hours
Installation	Landscape	Landscape	Landscape	Landscape
TOUCH				
Detection Method	Infrared	Infrared	Infrared	Infrared
Avalilable Touch Point	32 Point (5 point Φ3mm)	32 Point (5 point Φ3mm)	32 Point (5 point Φ3mm)	32 Point (5 point Φ3mm)
Response Time (Type)	<= 10 ms	<= 10 ms	<= 10 ms	<= 10 ms
Minimum Response Size	>= Φ3mm	>= Φ3mm	>= Φ3mm	>= Φ3mm
Touch Resolution	32768 x 32768	32768 x 32768	32768 x 32768	32768 x 32768
Communication Interface	USB	USB	USB	USB

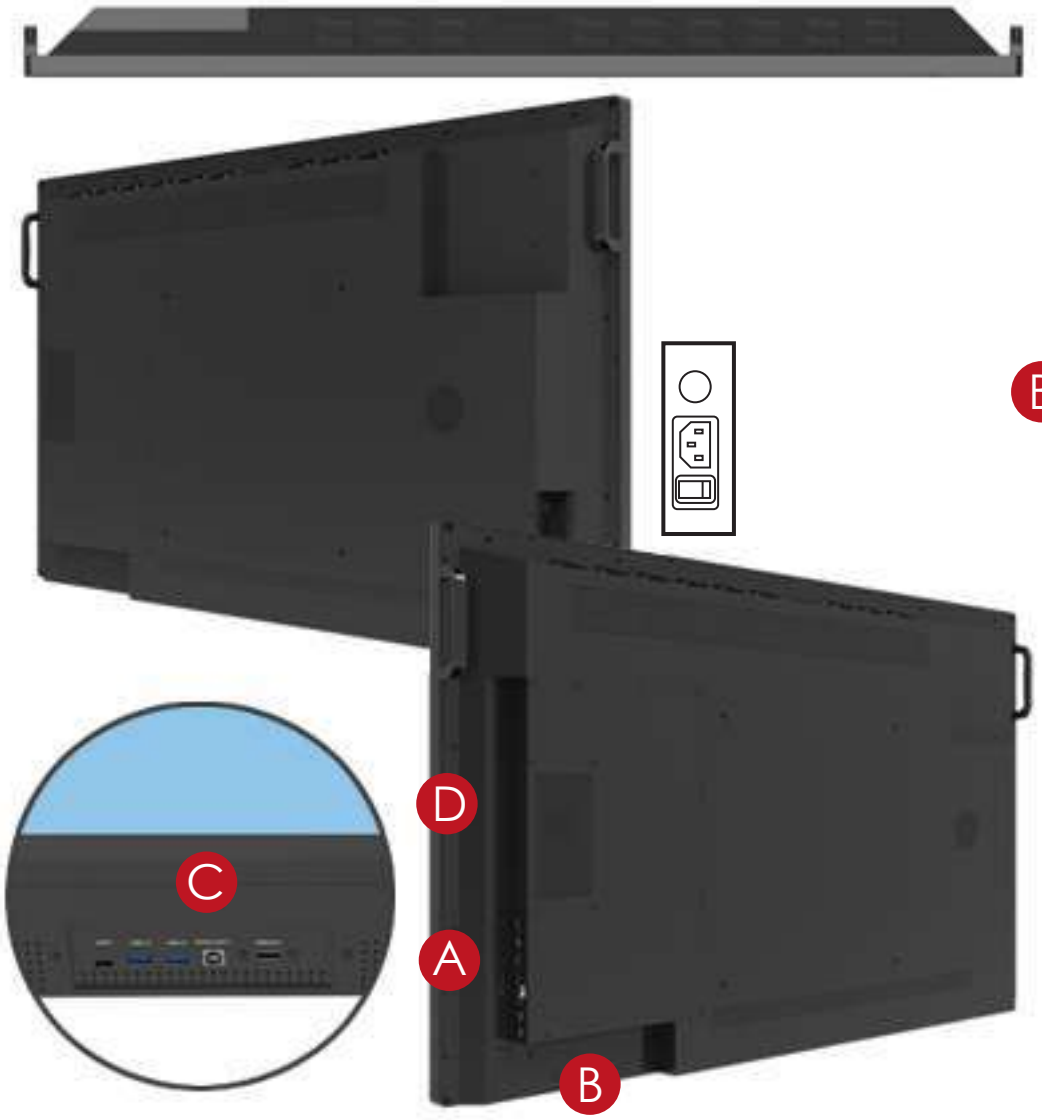
	55” Lightning III	65” Lightning III	75” Lightning III	86” Lightning III
CONNECTIVITY				
HDMI 2.0 Input(s)	3 (2 Front; 1 Top / Type-A)	3 (2 Front; 1 Top / Type-A)	3 (2 Side; 1 Front / Type-A)	3 (2 Side; 1 Front / Type-A)
HDMI Output	1 (Side, 4k@60Hz or 2k@60Hz)	1 (Side, 4k@60Hz or 2k@60Hz)	1 (Side, 4k@60Hz or 2k@60Hz)	1 (Side, 4k@60Hz or 2k@60Hz)
VGA Input(s) (with Mini Jack Audio Input)	1 (Bottom/DE-15F)	1 (Bottom/DE-15F)	1 (Side/DE-15F)	1 (Side/DE-15F)
DisplayPort 1.2 Input(s)	1 (side)	1 (side)	1 (side)	1 (side)
Digital Audio Output(S)	1 (Bottom / Optical)	1 (Bottom / Optical)	1 (Bottom / Optical)	1 (Bottom / Optical)
Headphone Output(s)	1 (Bottom / Mini Jack)	1 (Bottom / Mini Jack)	1 (Bottom / Mini Jack)	1 (Bottom / Mini Jack)
USB 3.0Port(s)	3 (2 Front; 1 Top / Type-A)	3 (2 Front; 1 Top / Type-A)	3 (2 Front; 1 Top / Type-A)	3 (2 Front; 1 Top / Type-A)
USB type C	1 (Front/Type-C)	1 (Front/Type-C)	1 (Front/Type-C)	1 (Front/Type-C)
USB 2.0Port(s)	1 (Side,Type-A)	1 (Side,Type-A)	1 (Side,Type-A)	1 (Side,Type-A)
RS-232C Port Input	1 (Bottom / DE-9F)	1 (Bottom / DE-9F)	1 (Bottom / DE-9F)	1 (Bottom / DE-9F)
LAN Port(s)	(Bottom ; 1XRJ45 for 10/100/1000 BaseT; 2 (Bottom ; 1XRJ45 for 10/100/1000 BaseT;	(Bottom ; 1XRJ45 for 10/100/1000 BaseT; 2 (Bottom ; 1XRJ45 for 10/100/1000 BaseT;	(Bottom ; 1XRJ45 for 10/100/1000 BaseT; 2 (Bottom ; 1XRJ45 for 10/100/1000 BaseT;	(Bottom ; 1XRJ45 for 10/100/1000 BaseT; 2 (Bottom ; 1XRJ45 for 10/100/1000 BaseT;
WI-Fi Module	1X 802.11a/b/g/n/ac, Optional,(for wifi)	1X 802.11a/b/g/n/ac, Optional,(for wifi)	1X 802.11a/b/g/n/ac, Optional,(for wifi)	1X 802.11a/b/g/n/ac, Optional,(for wifi)
Touch Out	3 (2 Side / USB Type-B;1 Front;)	3 (2 Side / USB Type-B;1 Front;)	3 (2 Side / USB Type-B;1 Front;)	3 (2 Side / USB Type-B;1 Front;)
Bluetooth Version	5.0 (Optional)	5.0 (Optional)	5.0 (Optional)	5.0 (Optional)
SOUND				
Audio Power Output (RMS)	15W x 2	15W x 2	15W x 2	15W x 2
Subwoofer	N/A	N/A	N/A	N/A
Speaker Position	Down Firing	Down Firing	Down Firing	Down Firing

	55” Lightning III	65” Lightning III	75” Lightning III	86” Lightning III
SMART SYSTEM				
CPU	ARM Cortex A73x2; Cortex A53x2	ARM Cortex A73x2; Cortex A53x2	ARM Cortex A73x2; Cortex A53x2	ARM Cortex A73x2; Cortex A53x2
GPU	G51MP4	G51MP4	G51MP4	G51MP4
Operating System	Android 8.0	Android 8.0	Android 8.0	Android 8.0
Memory	4GB	4GB	4GB	4GB
On-Board Storage	32GB	32GB	32GB	32GB
OSD				
OSD Language Function	English	English	English	English
MECHANICAL				
Dimension of Product (W x H x D)	1285.5mm x 766.2mm x 90mm	1490.5mm x 875.5mm x 89.3mm	1714.7mm x 1002.8mm x 89.3mm	1959.5mm x 1140.2mm x 89.3mm
Dimension of Package Carton (W x H x D)	1414mm x 901mm x 232mm	1676mm x 1097mm x 231mm	1875mm x 1186mm x 231mm	2139mm x 1363mm x 231mm
VESA® Hole Pitch (W x H)	400 x 400 (mm), M8 Screw	400 x 600 (mm), M8 Screw	600 x 800 (mm), M8 Screw	600 x 800 (mm), M8 Screw
Weight of Product	34.3kg	43kg	55.9kg	66kg
Weight of Package Carton (Gross)	45kg	56kg	75.8kg	85kg
Front Glass	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)	Tempered Glass (Anti-glare Type)
POWER				
Power Supply	AC 100-240 V 50 / 60Hz	AC 100-240 V 50 / 60Hz	AC 100-240 V 50 / 60Hz	1AC 100-240 V 50 / 60Hz
Power Consumption (in Operation)	125	160	295	360
Power Consumption (in Standby)	<= 0.5 W	<= 0.5 W	<= 0.5 W	<= 0.5 W
ECO Sensor	Yes	Yes	Yes	Yes
ENVIRONMENTAL				
Operation Temperature	0 - 40°C	0 - 40°C	0 - 40°C	0 - 40°C
Storage Temperature	-20 - 60°C	-20 - 60°C	-20 - 60°C	-20 - 60°C
Operation Humidity	20 - 80 %RH (No Condensation)	20 - 80 %RH (No Condensation)	20 - 80 %RH (No Condensation)	20 - 80 %RH (No Condensation)
Storage Humidity	10 - 90 %RH	10 - 90 %RH	10 - 90 %RH	10 - 90 %RH

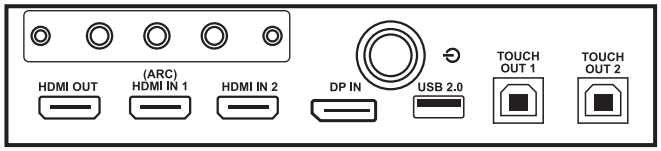
[promultis]

Lightning III Touch Screen Connectivity

USB port for webcam or camera



A



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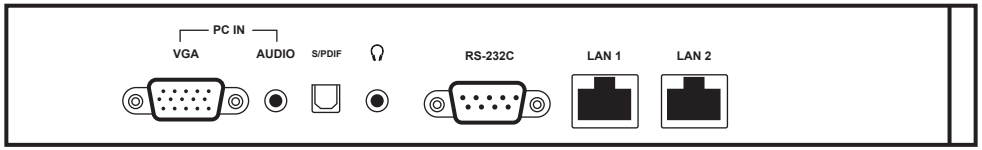

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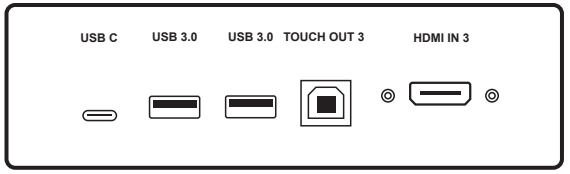
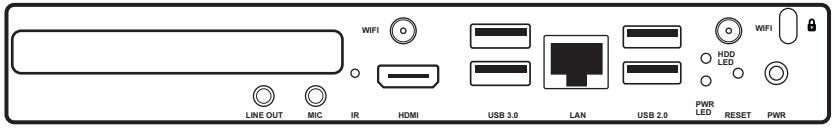


Optional PC OPS module

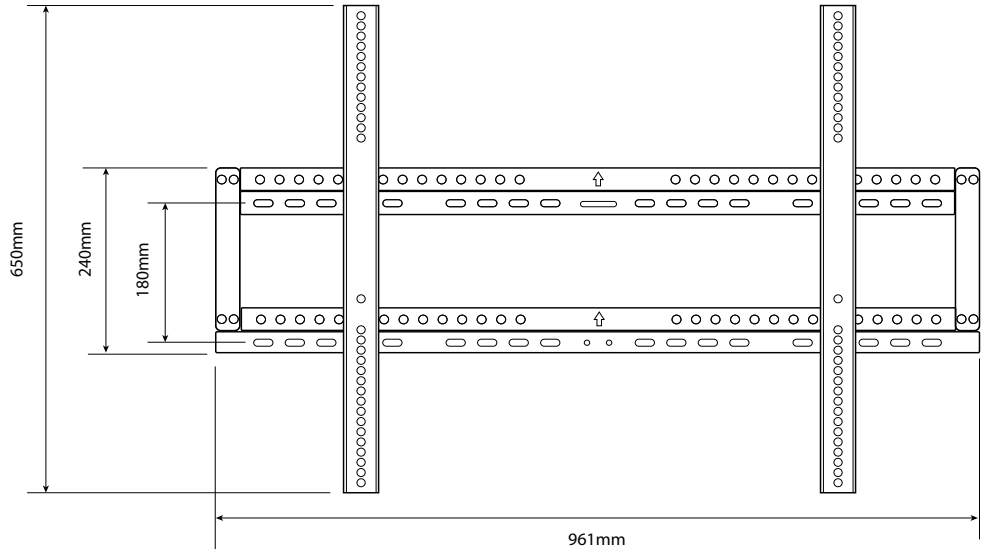
D



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

Optional PC Options	
OPERATING SYSTEM	Windows 10 / DOS
CPU	6th / 7th Generation Intel® Core™ Mobile Processor
CHIPSET	Integrated
GRAPHICS	Integrated
GRAPHICS	4 GB Up to 32 GB Dual Channel, DDR4L 2 x SO-DIMM
STORAGE	2.5" 500 GB Up to 2 TB SATA Hard Drive 128 GB Up to 256 GB M2.2242 SSD (optional)
WIRELESS DATA NETWORK	802.11 a/b/g/n/ac, Bluetooth V4.0
LAN	10/100/1000 Mbps
AUDIO	High Definition 5.1 Channel Audio
I/O PORTS	2 x USB 3.0 2 x USB 2.0 1 x HDMI (3840 x 2160 @30Hz) 1 x RJ45 LAN 2 x Audio Jack(s) (Line out/Mic in)
OPS Interface	HDMI (up to 3840 x 2160 @60Hz)
DIMENSION (mm)	180mm(L) x 119mm(W) x 30mm(H)
WEIGHT(kg)	0.9kg

Supplied Mounting Bracket			
Width	**Height**	**Depth**	**Weight**
960 mm	240 mm	29.4 mm	8kg



[promultis]

Anti-bacterial Film for Touch Screens

High Performance Touch Screen Protection Film

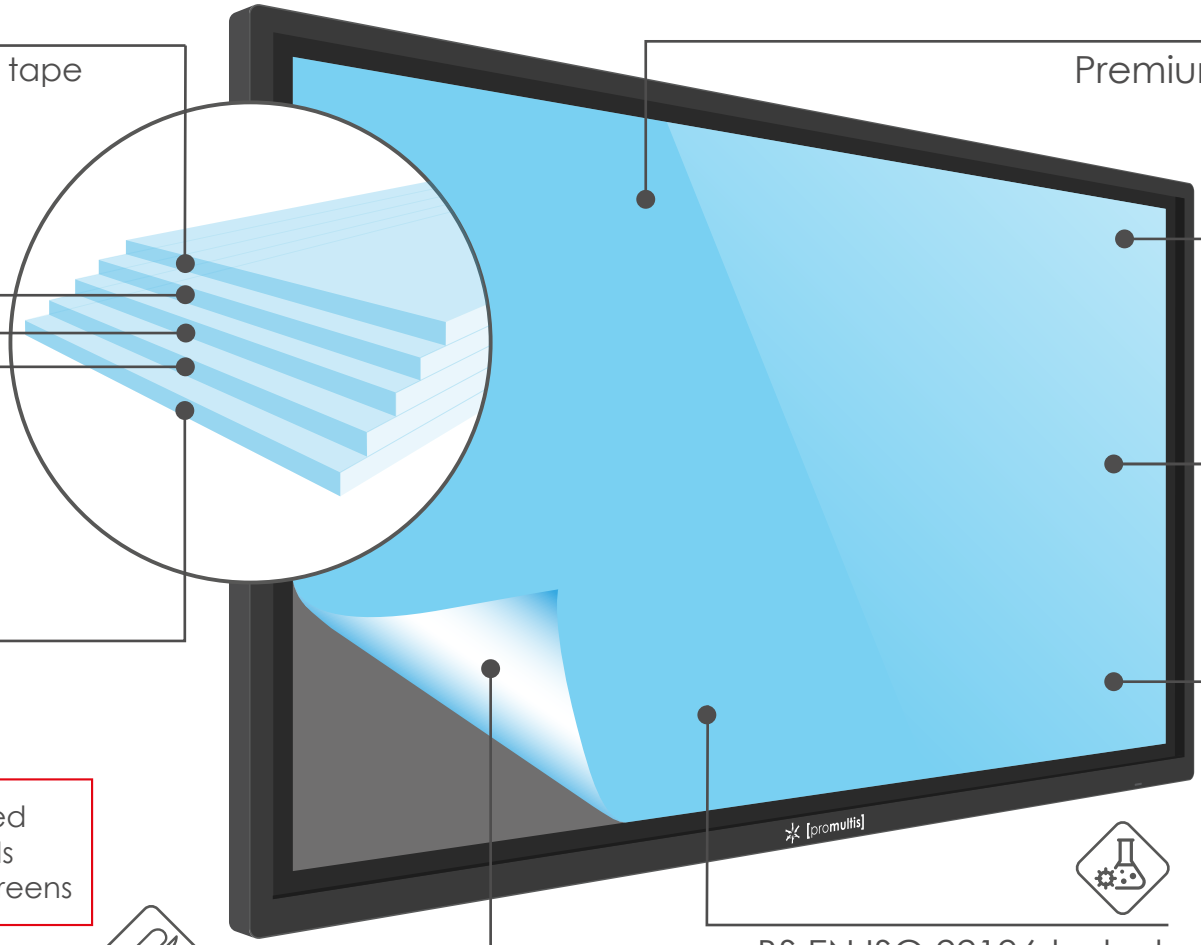
Surface protection tape
(PET 38 µm)

Hard coat layer
(5 ± µm)

PET film
(100 µm)

Silicon PSA
Adhesive
(15 µm)

Release film
(PET 50 µm)



Premium quality transparent
protection film

32" | 43" | 55" | 65"*
*Maximum film size -
multiple sheets for larger screens

Anti-bacterial, Anti-scratch
Currently being tested for COVID-19

High grade polyester

BS EN ISO 22196 tested

Silicone adhesive
for clean removal

Currently being rolled
out to all Mcdonalds
Restaurant touchscreens

Available for all Promultis
Screens, Totems, Tables & Kiosks

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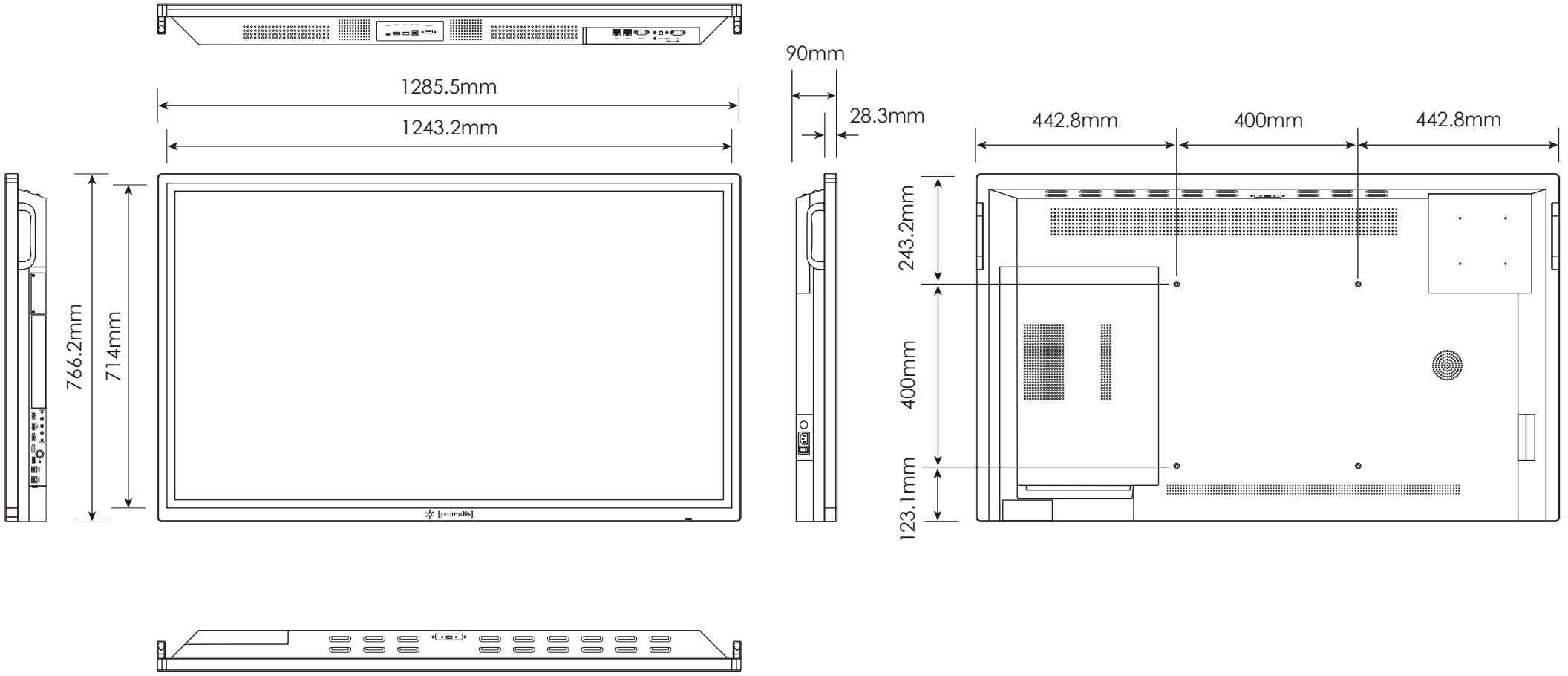
[promultis]

55inch Lightning III Touch Screen

with Infrared Technology

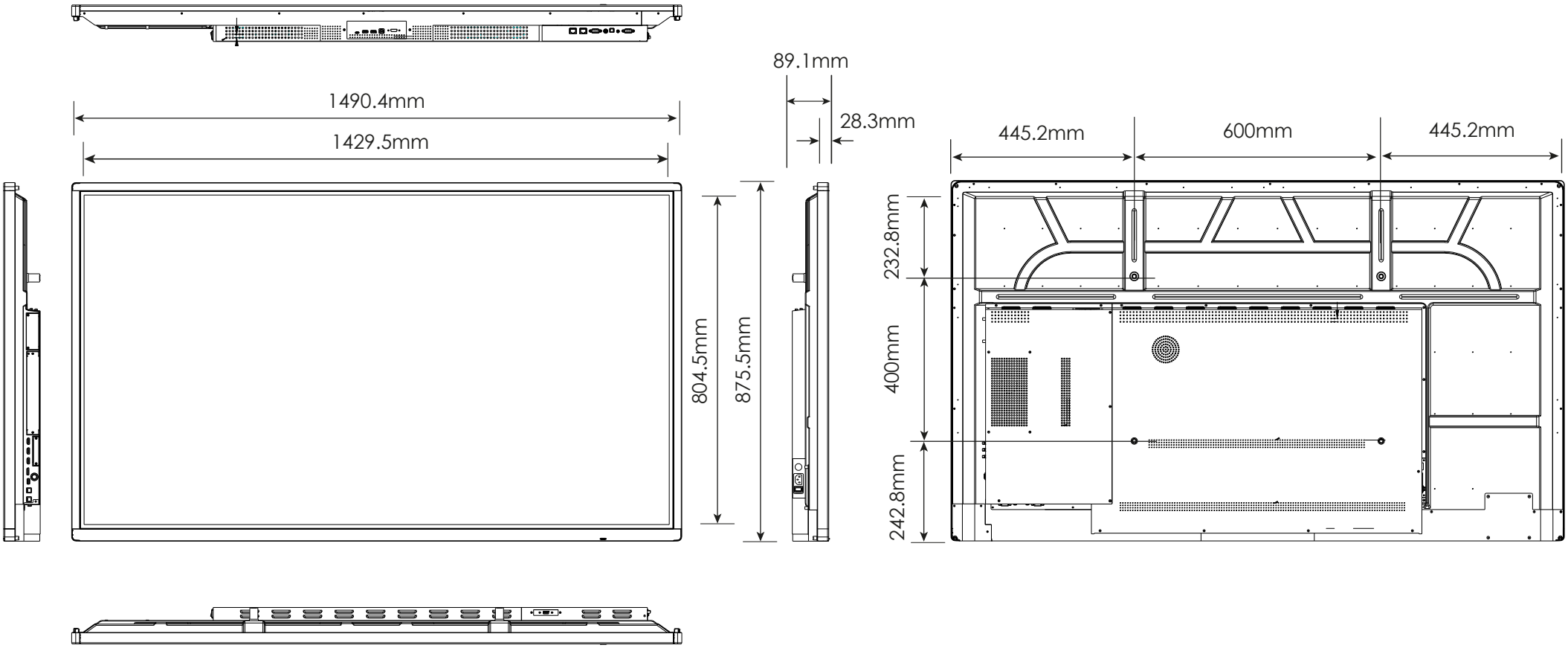


Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

65inch Lightning III Touch Screen

with Infrared Technology

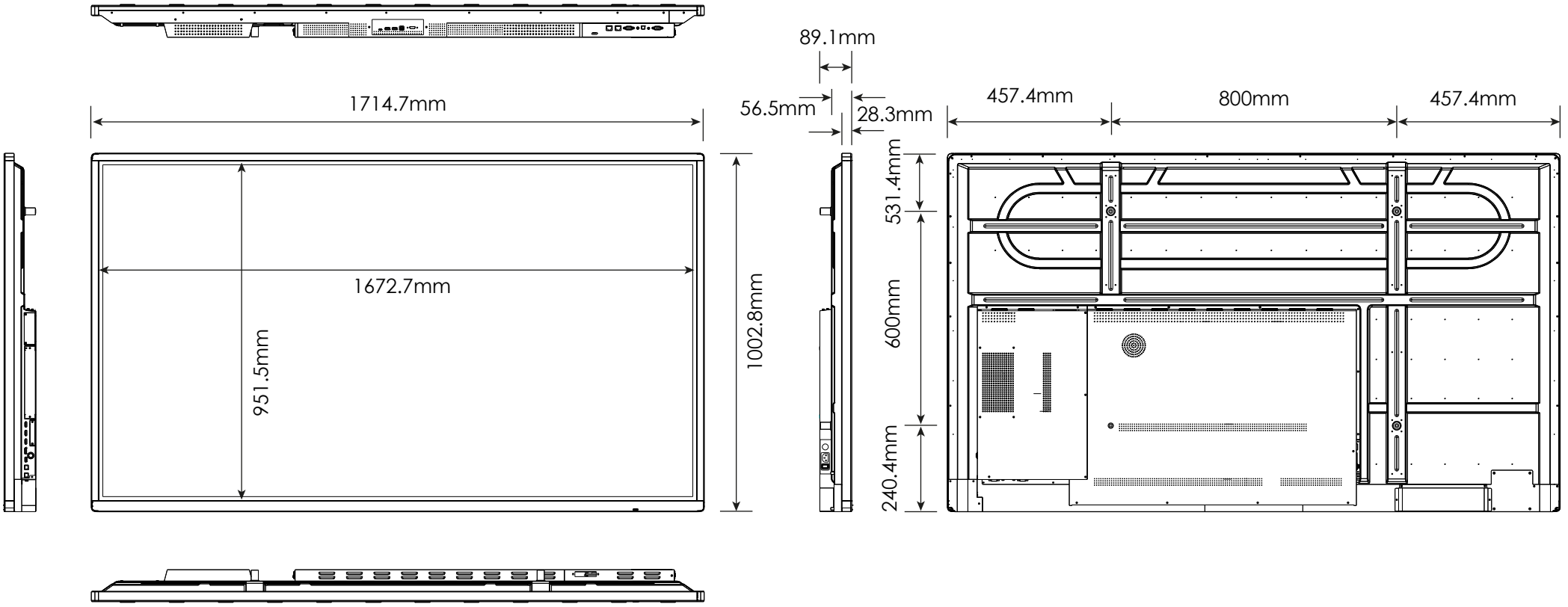


Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

75inch Lightning III Touch Screen

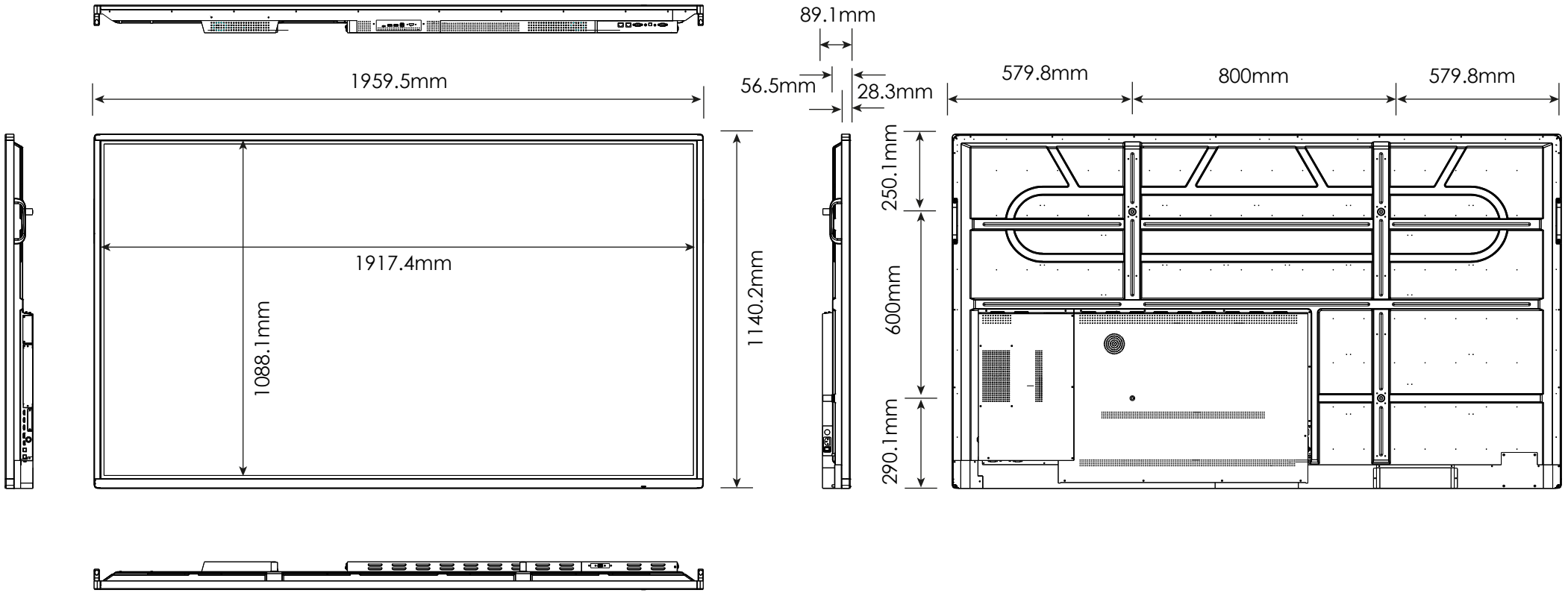
with Infrared Technology



[promultis]

86inch Lightning III Touch Screen

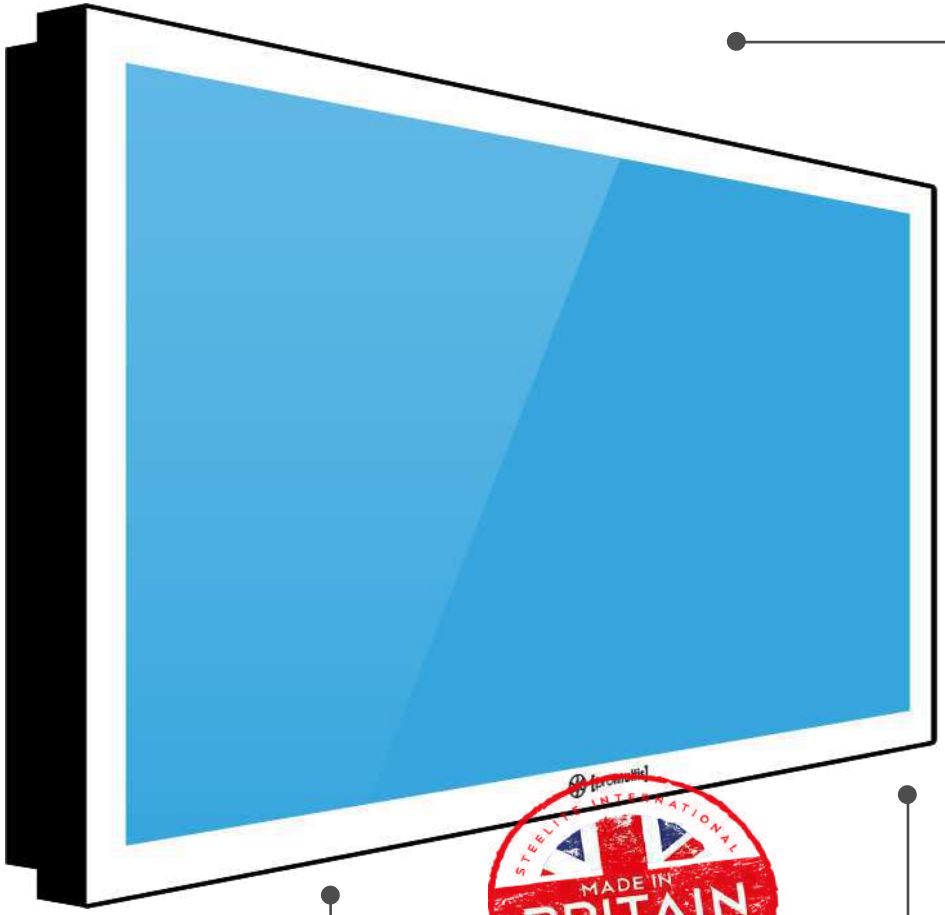
with Infrared Technology



[promultis]

TAB Touch Screen

Offering Full HD 1080p or 4K, the picture quality is excellent and the touch response is superb. The screen is perfect for Business, Education and Commercial use.



10, 20 or 100 Touch Points,
1080p Full HD or 4K UHD

High Brightness
screens available

Projected Capacitive
Touch Technology

Wall Bracket Included

5mm Toughened Glass

PC options

43" | 49" | 55" | 65"
75" | 85" screens

Interactive UBoardMate
Whiteboard Software

3 Year On-site Warranty

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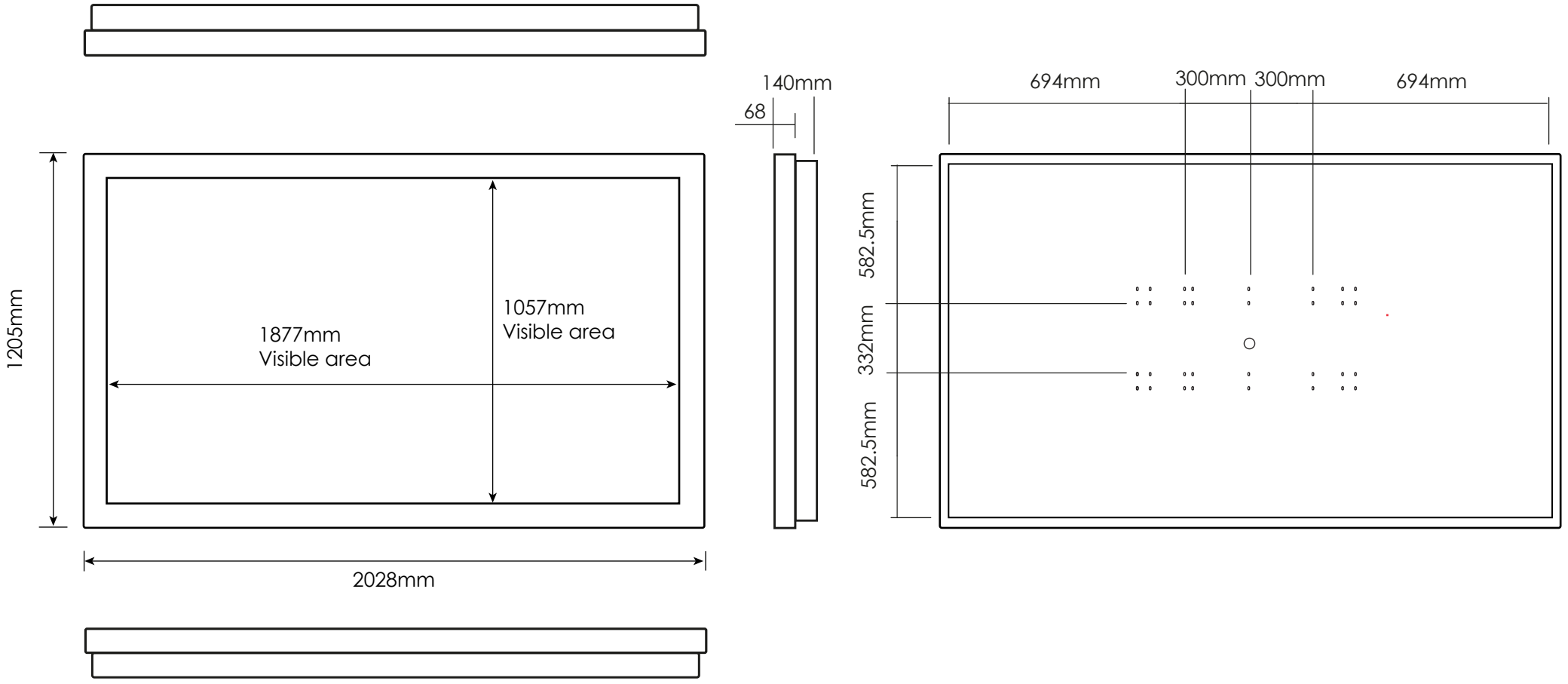
www.magicviu.com

CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
PANEL	
Interactive area	43" | 49" | 55" | 65" | 75" | 85"
Panel resolution	1080p Full HD or 4K UHD
Native resolution	1920 x 1080 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	

PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	10, 20 or 100 touches
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute
PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

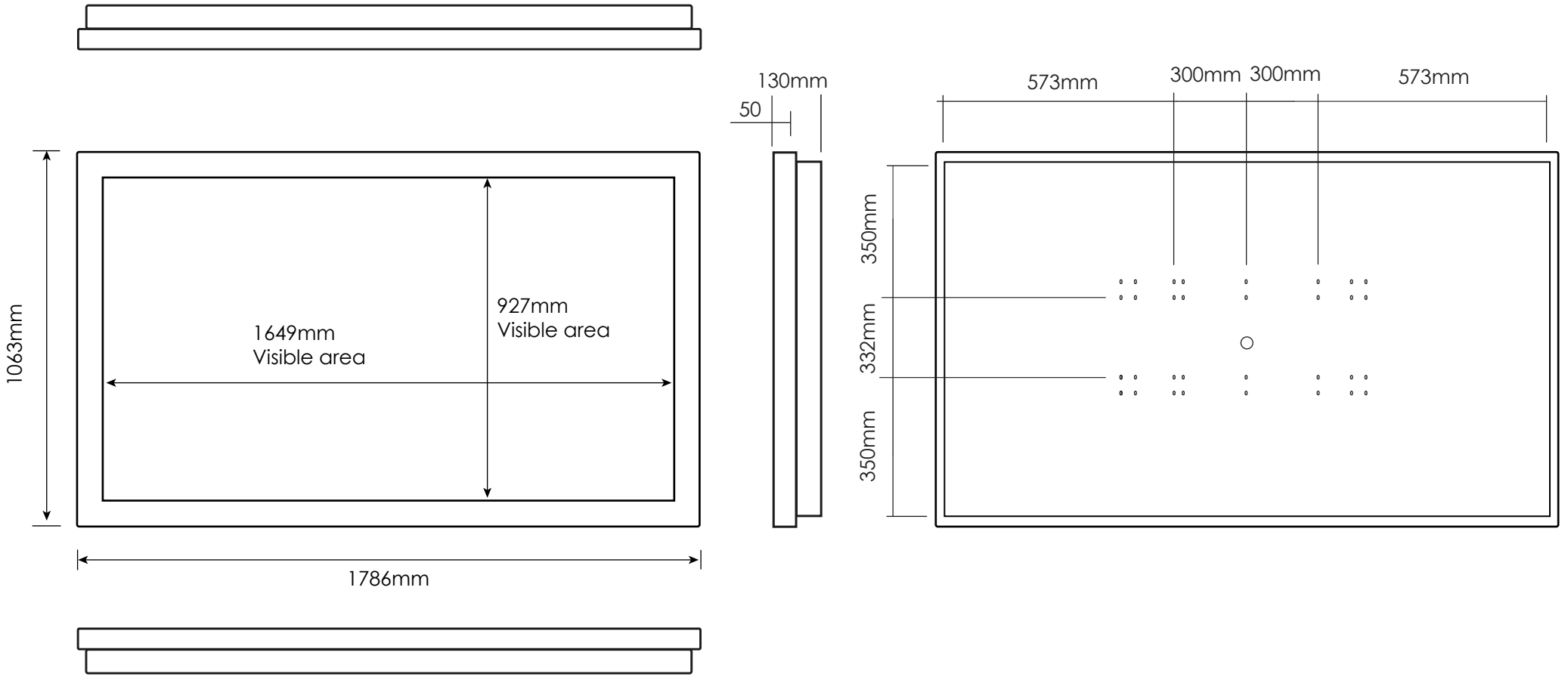
[promultis]

85” TAB Box Top Projected Capacitive Touch Screen



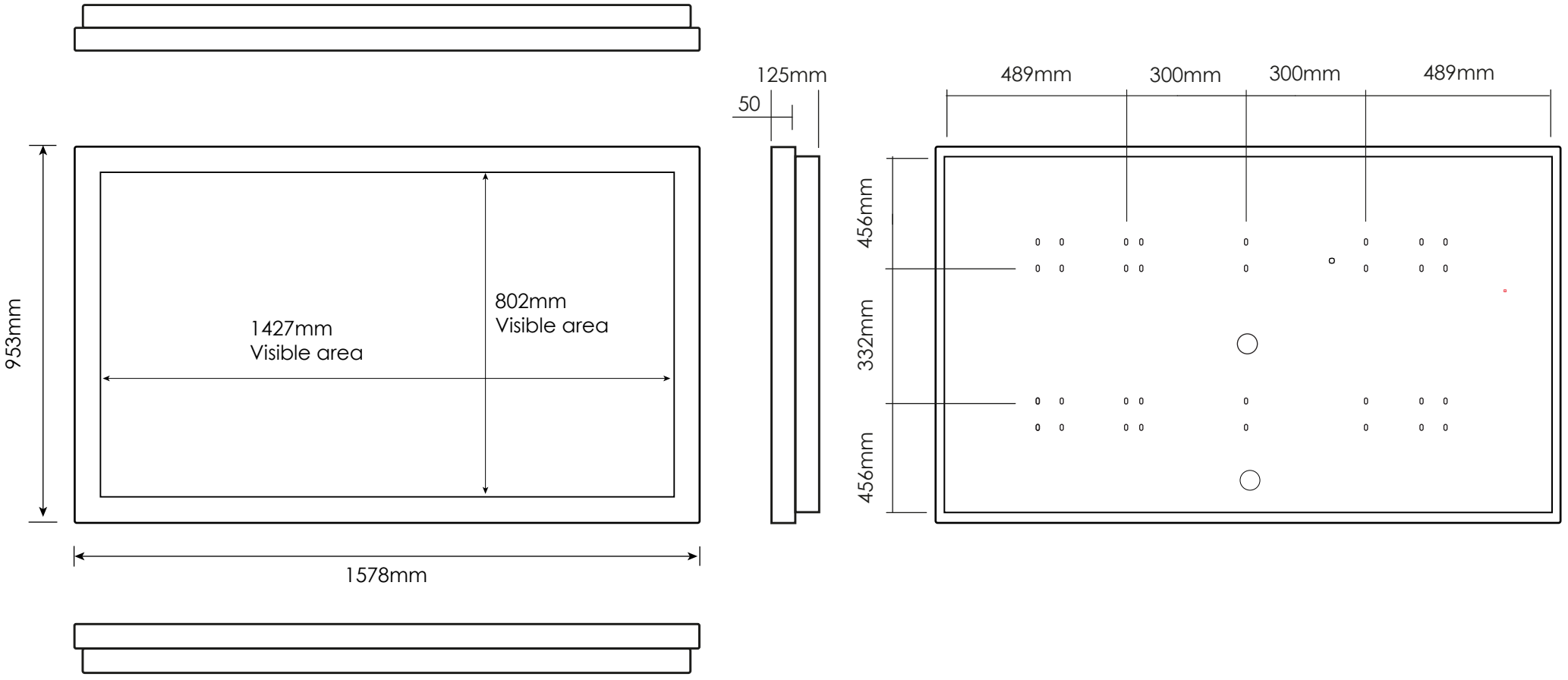
[promultis]

75” TAB Box Top Projected Capacitive Touch Screen



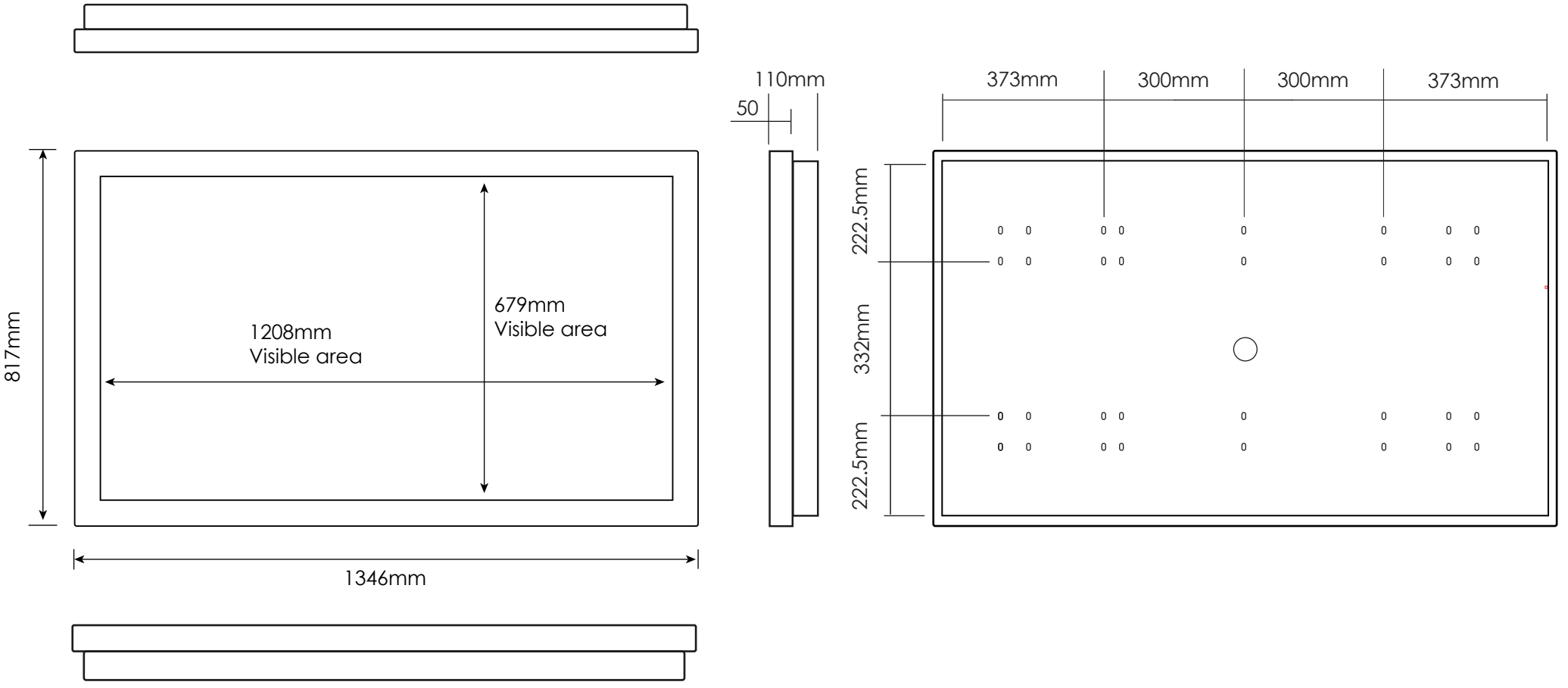
[promultis]

65” TAB Box Top Projected Capacitive Touch Screen



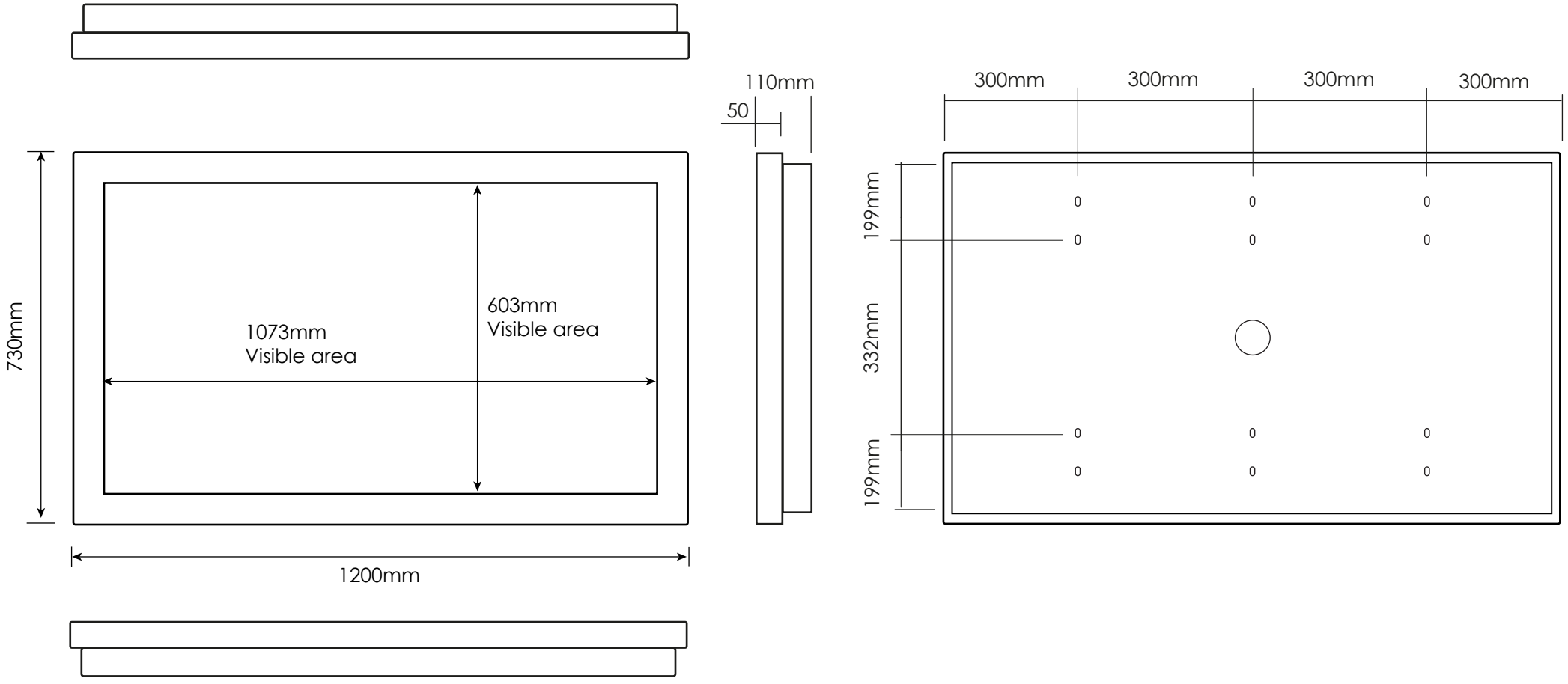
[promultis]

55” TAB Box Top Projected Capacitive Touch Screen



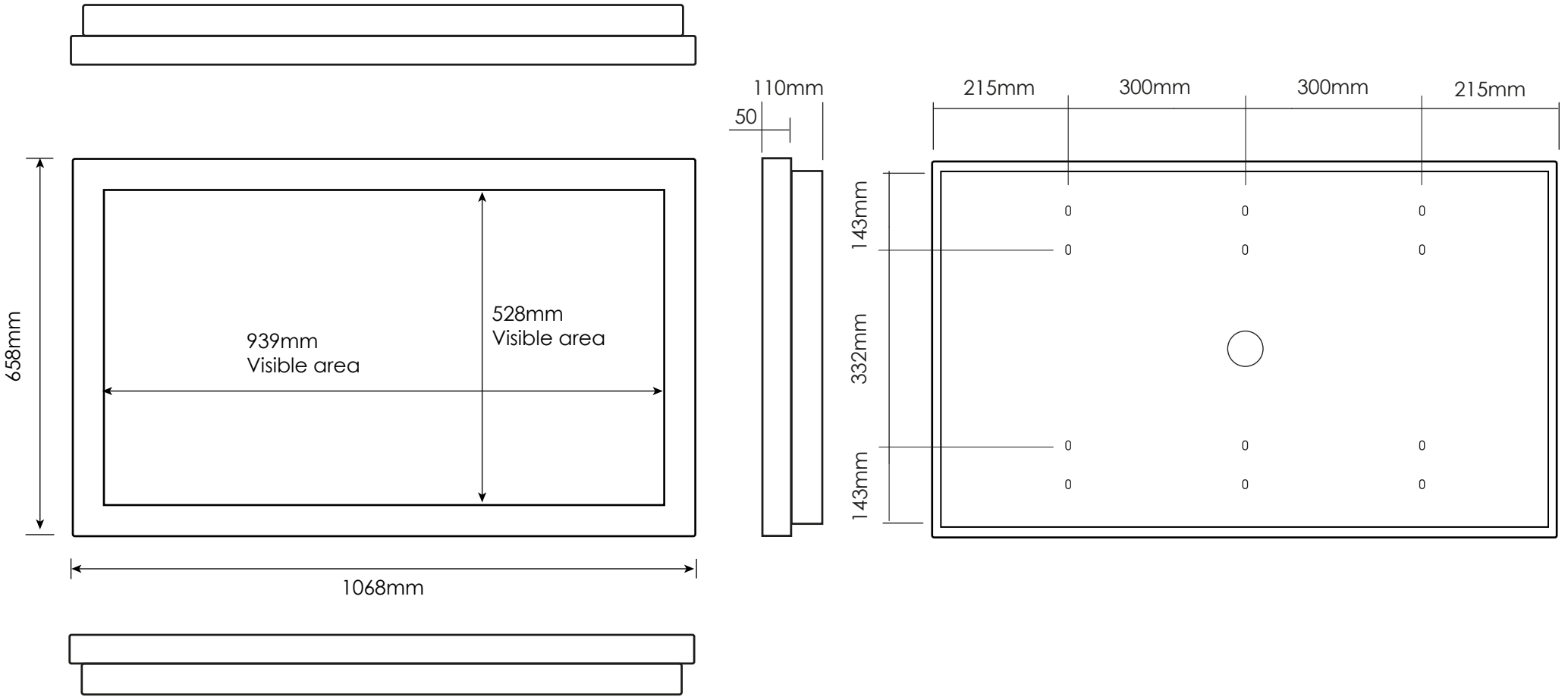
[promultis]

49” TAB Box Top Projected Capacitive Touch Screen



[promultis]

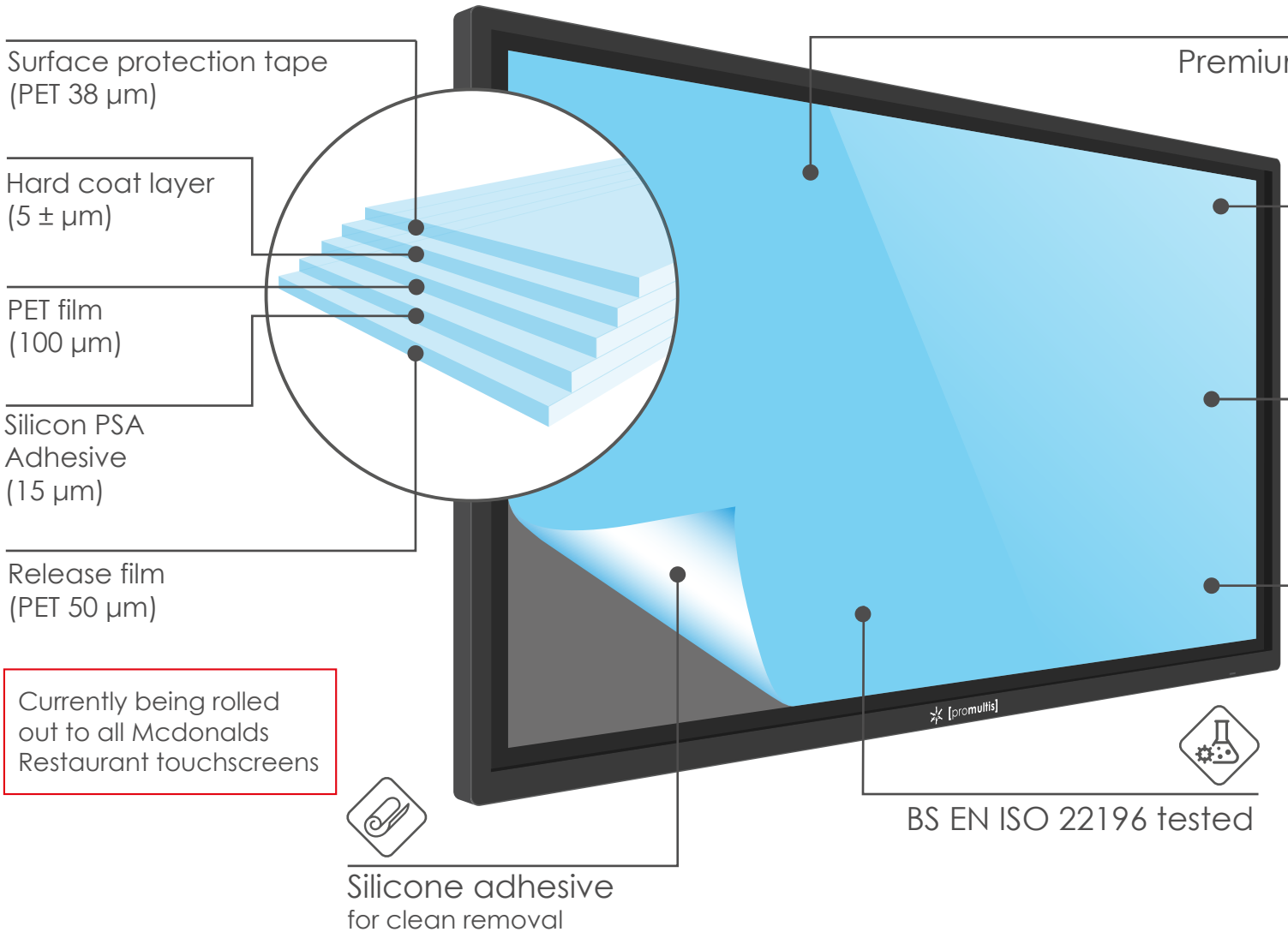
43" TAB Box Top Projected Capacitive Touch Screen



[promultis]

Anti-bacterial Film for Touch Screens

High Performance Touch Screen Protection Film



Currently being rolled out to all Mcdonalds Restaurant touchscreens

Available for all Promultis Screens, Totems, Tables & Kiosks

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www.magicviu.com

Technical Data					
Item	**Unit**		**Specification**		**Test method**
Base thickness	μm	Inch	100	.004	ASTM D3652
Total thickness	μm	Inch	120	.005	ASTM D3652
Peel strength	g/25mm	lb/inch^2	5	0.011	ASTM D3652
Elongation at break	%	--	>50	--	ASTM D3652
Tensile strength	kg/cm	ib/inch	>8	>110	ASTM D3652
Hardness	Load 750g		2H	--	--

Cleaning Test Document

Bespoke Test Based on ISO 22196:2011

Page 3 of 3

MSL SOLUTION PROVIDERS

Viable bacterial recovery of samples

Test Organism	Viable Cells Recovered Untreated sample 0 hours	Viable Cells Recovered Untreated sample 24 hours
Escherichia coli ATCC 10536	3.9×10^6	3.4×10^6
Staphylococcus aureus ATCC 6538	1.3×10^7	3.3×10^6

Antibacterial activity of treated samples

Test Organism	Calculation of Antibacterial Activity	% Reduction compared to Untreated Samples	U_o 0 hour count Untreated sample	U_t 24hour Untreated count	A_t 24 hour Treated test sample
Escherichia Coli ATCC 10536	5.13 log reduction	99.999%	6.59lg	6.53lg	1.40lg
Staphylococcus aureus ATCC 6538	2.74 log reduction	99%	7.11lg	6.51lg	3.77lg

Deviations from international standard

- The sample was rubbed for 8 hours using cloths and disinfectants supplied by the client before testing for antibacterial efficacy
- In-house validated neutralizer used
- In-house nutrient agar used

Microbiological Solutions Ltd
Collinrod
Walmersley
Bury, BL9 5NB

Tel: 0844 824 6005
Email: info@microbiologicalsolutions.com
Web: www.microbiologicalsolutions.com

Company Number: 4218514

THE BRITISH ASSESSMENT BUREAU ISO9001

STEELITE INTERNATIONAL MADE IN BRITAIN MADE FOR LIFE

[promultis]

Insert

Pre-packaged multitouch solution that can be incorporated into your own designed facility, be it a table, cabinet or vertical installation.

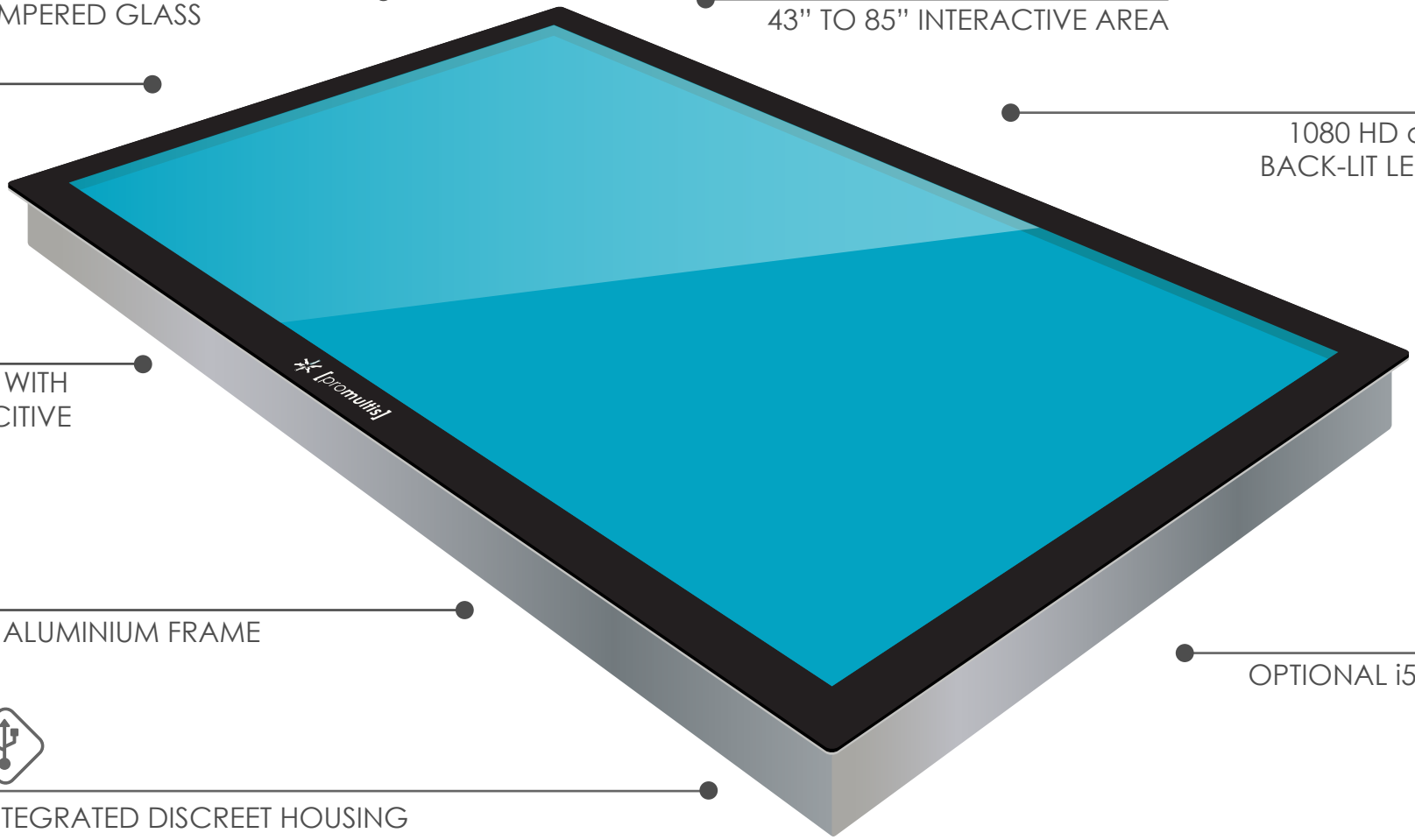
TEMPERED GLASS

43" TO 85" INTERACTIVE AREA

32 TOUCH POINTS
WITH INFRARED

4K ULTRA HD

1080 HD or 4K UHD,
BACK-LIT LED SCREEN



100 TOUCH POINTS WITH
PROJECTED CAPACITIVE
TECHNOLOGY

STURDY ALUMINIUM FRAME

OPTIONAL i5 or i7 PC

INTEGRATED DISCREET HOUSING
FOR CONNECTIVITY AND CABLING

1 YEAR ON-SITE WARRANTY

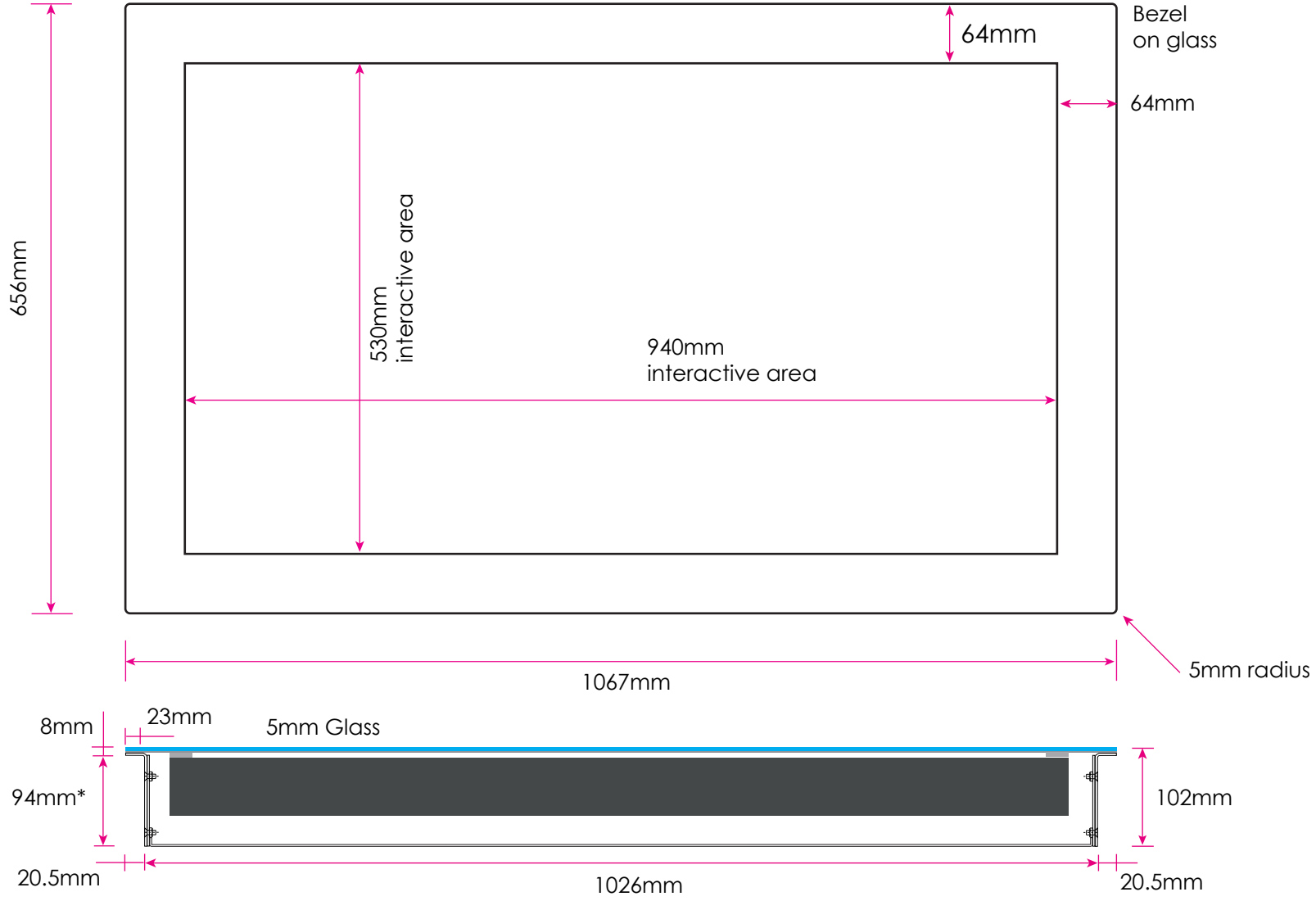
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
PANEL	
Interactive area	42" | 48" | 49" | 55" | 65" | 75" | 85"
Panel resolution	1080p HD or 4K UHD 3840 x 2160
Native resolution	1080x1920 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	10, 16/20 & 32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

[promultis]

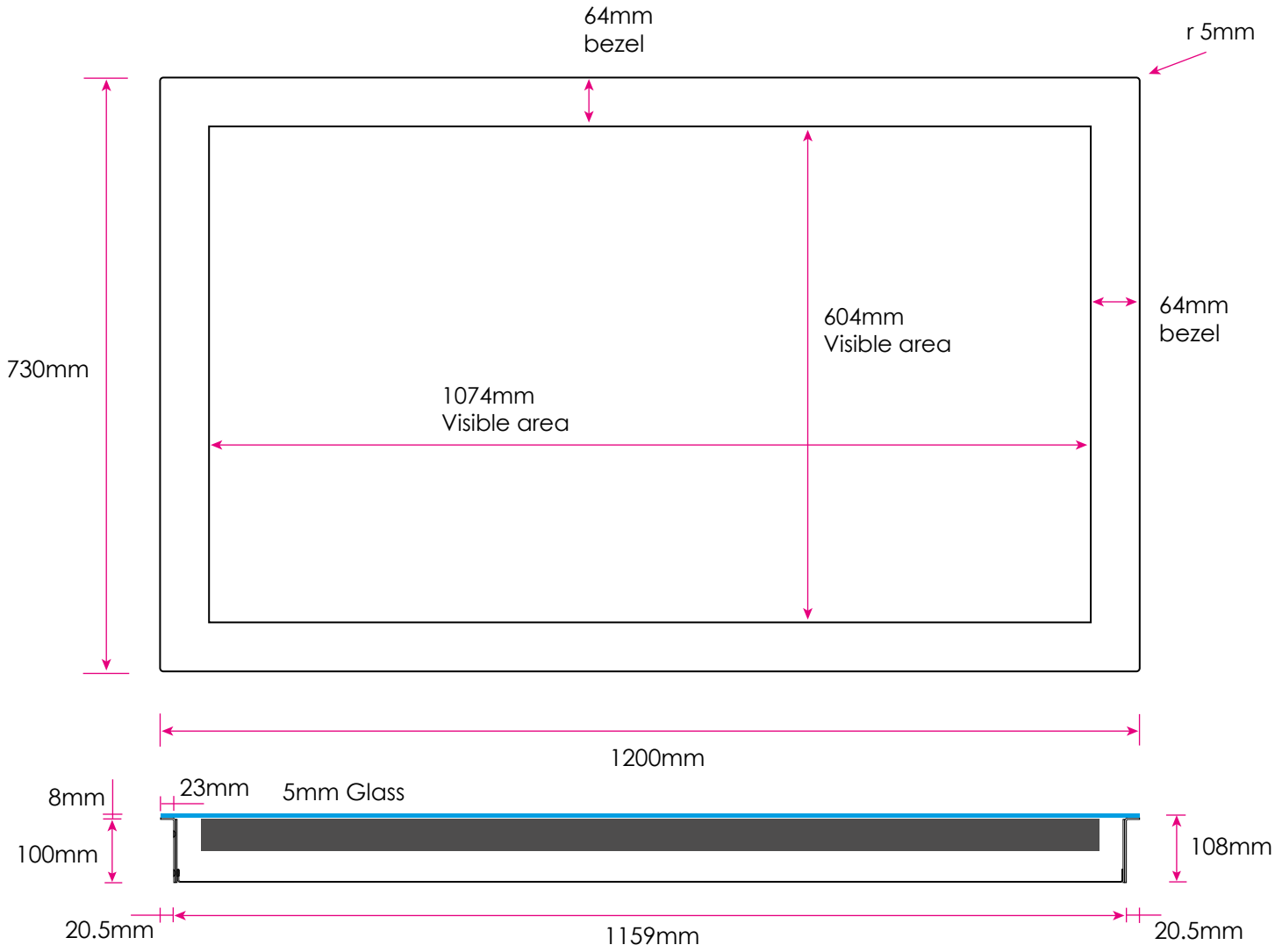
Insert
with 43” interactive area



*Please note height will vary due to monitor depth

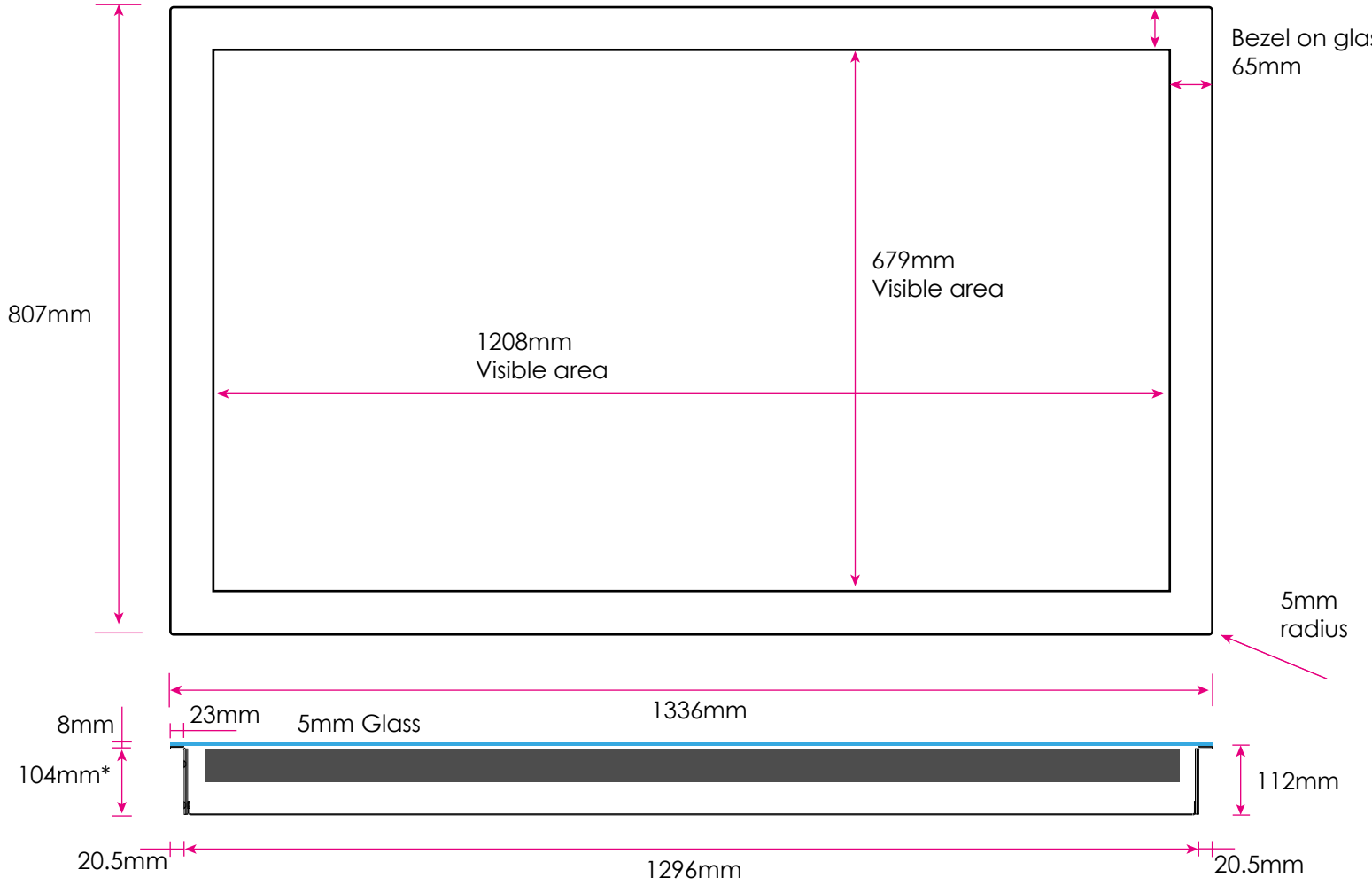
[promultis]

Insert
with 49” interactive area



[promultis]

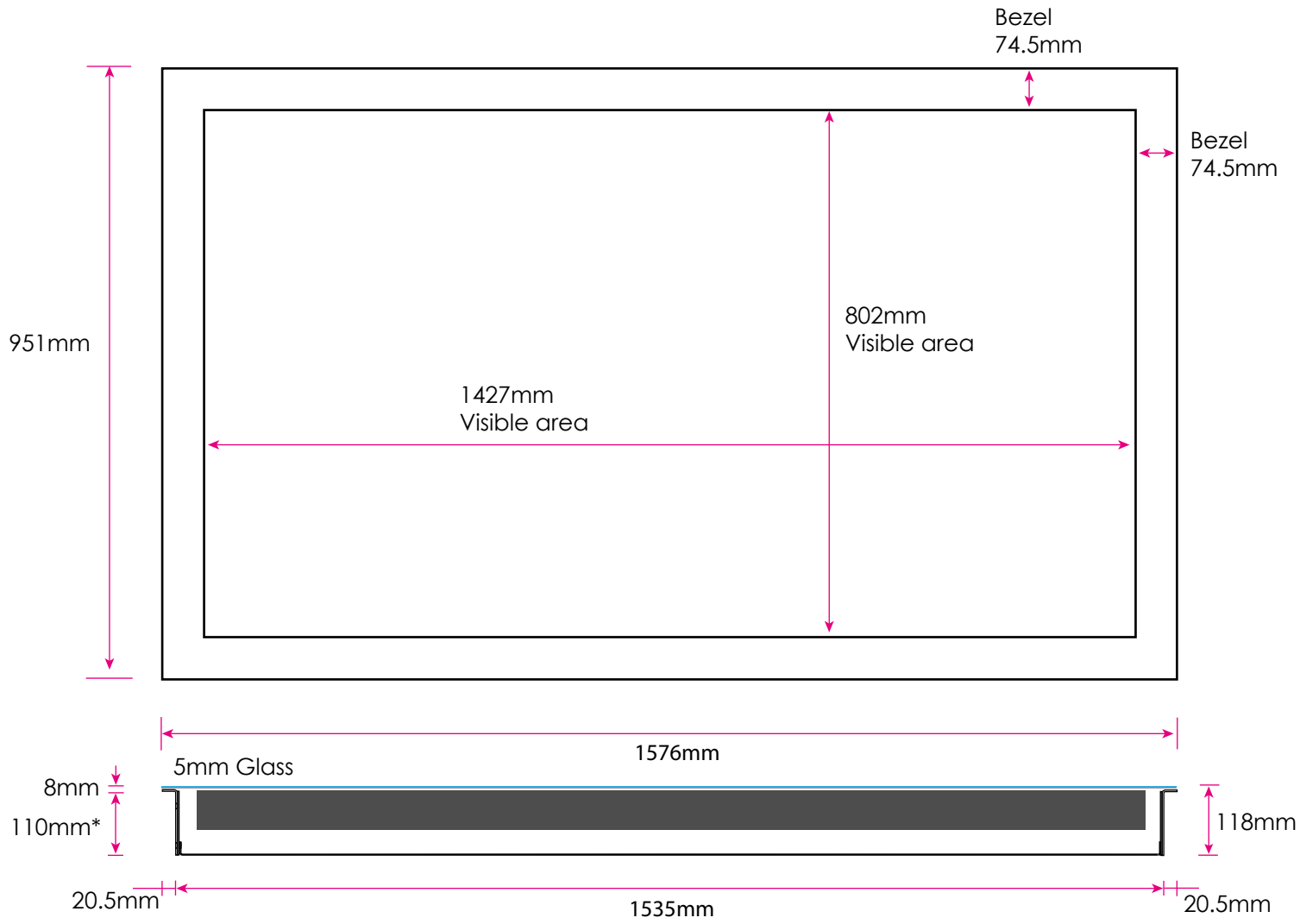
Insert
with 55” interactive area



*Please note height will vary due to monitor depth

[promultis]

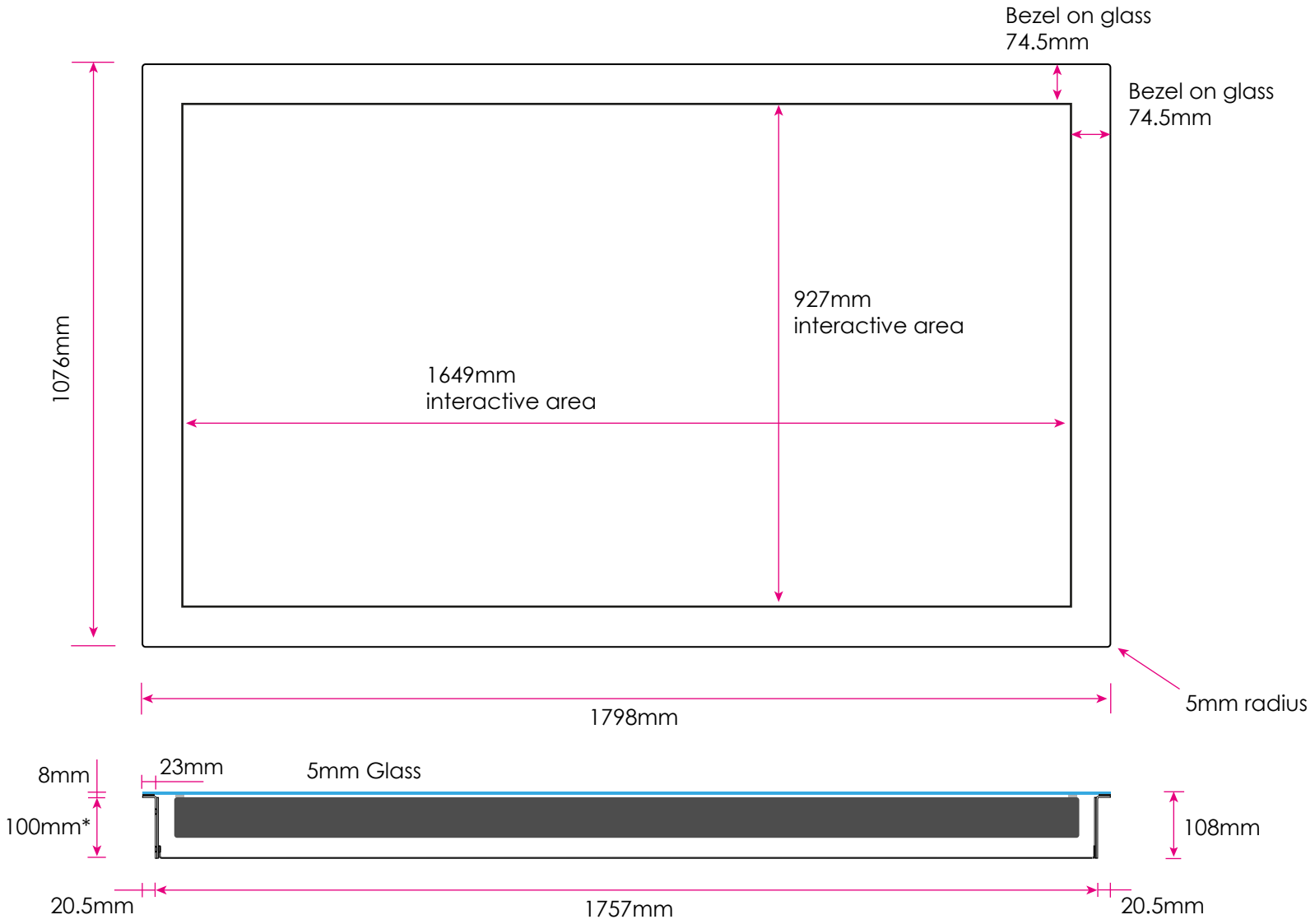
Insert
with 65” interactive area



*Please note height will vary due to monitor depth

[promultis]

Insert
with 75" interactive area



*Please note height will vary due to monitor depth

[promultis]

Insert
with 85” interactive area

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For more exciting multitouch products visit
www.magicviu.com

[promultis] Focus

Totem Focus

Freestanding totem in a stylish aluminium and steel housing.
Ideal for digital signage in shopping centres, public areas and transport hubs.

STEELITE INTERNATIONAL – MADE IN BRITAIN – MADE FOR LIFE

INTEGRATED WEBCAM

10 TOUCH POINTS

4K ULTRA HD

4K UHD, BACK-LIT LED SCREEN

TEMPERED GLASS

PoS AND CARD READER AVAILABLE

INTERNAL SPEAKERS

ANDROID OS & PC INTREGRATION WITHIN CHASSIS

SECURE WITH KEY ONLY ACCESS

INTEGRATED WI-FI

HDMI AND USB CONNECTIVITY

1 YEAR ON-SITE WARRANTY

If you are looking for a high impact, attention grabbing, futuristic and influential marketing and data collection behemoth, look no further than the Promultis Totem Focus!

The Promultis Totem Focus stands just over 6ft tall with an integrated 1080p webcam, the stunning 55" 4K UHD vertical back-lit screen, housed in a stylish gloss black aluminium and steel housing, commands attention.

Bestowing tempered glass and utilising the very latest in Infra-Red technology, the Totem Focus is capable of allowing up to 10 touch points from any input, Including a finger, gloved finger, stylus or pen. The Totem Focus also has incredible connectivity by means of integrated Wi-Fi, HDMI, VGA, RS232 and USB ports.

The Promultis Totem Focus is ideally suited for high-traffic locations such as

- Retail environments and shopping malls
- Corporate Spaces
- Local government
- Hospitality
- Transportation hubs
- Exhibitions and Events
- Entertainment
- Museum & Galleries

Promultis Interactive Digital Signage Solutions

Connecting brands and services to your audience in real time and include payment options such as credit card terminals. Incorporate QR codes to communicate with consumers digital devices. Data transfer to and from devices via wireless technology and capture analytic data for marketing and data warehousing.

Integrated secure payment process in conjunction with the POS terminal fixed to Totem for the National Gallery.

Integrated Webcam

Take advantage of a whole host of photo and video applications.

Promultis developed a photobooth application on the Totem utilising the webcam for Virgin Holidays. Using green screen the application captures the users photo against a selected holiday destination background and sent to the visitor's email.

Demographic Recognition

Imagine a male customer walks into a shoe shop, and walks by an interactive totem showing generic shoe adverts. As the customer approaches the kiosk, a camera inside it recognizes a man, in his 30's approaching, and the adverts automatically change to the male range of trainers, with a trainer model known to sell well to this age range.

This customer then wants to interact with the screen and can select a range of trainers and colours for comparison. Rather than speak to a shop assistant, the customer puts the item he likes into a virtual basket, pays, and is directed to the shop counter to receive his goods.

Branding Opportunity

The Promultis Totem is ideal for corporate branding or promotions.

Promultis created bespoke interactive software for all the activities in the Leisure Centre on two branded Totems.

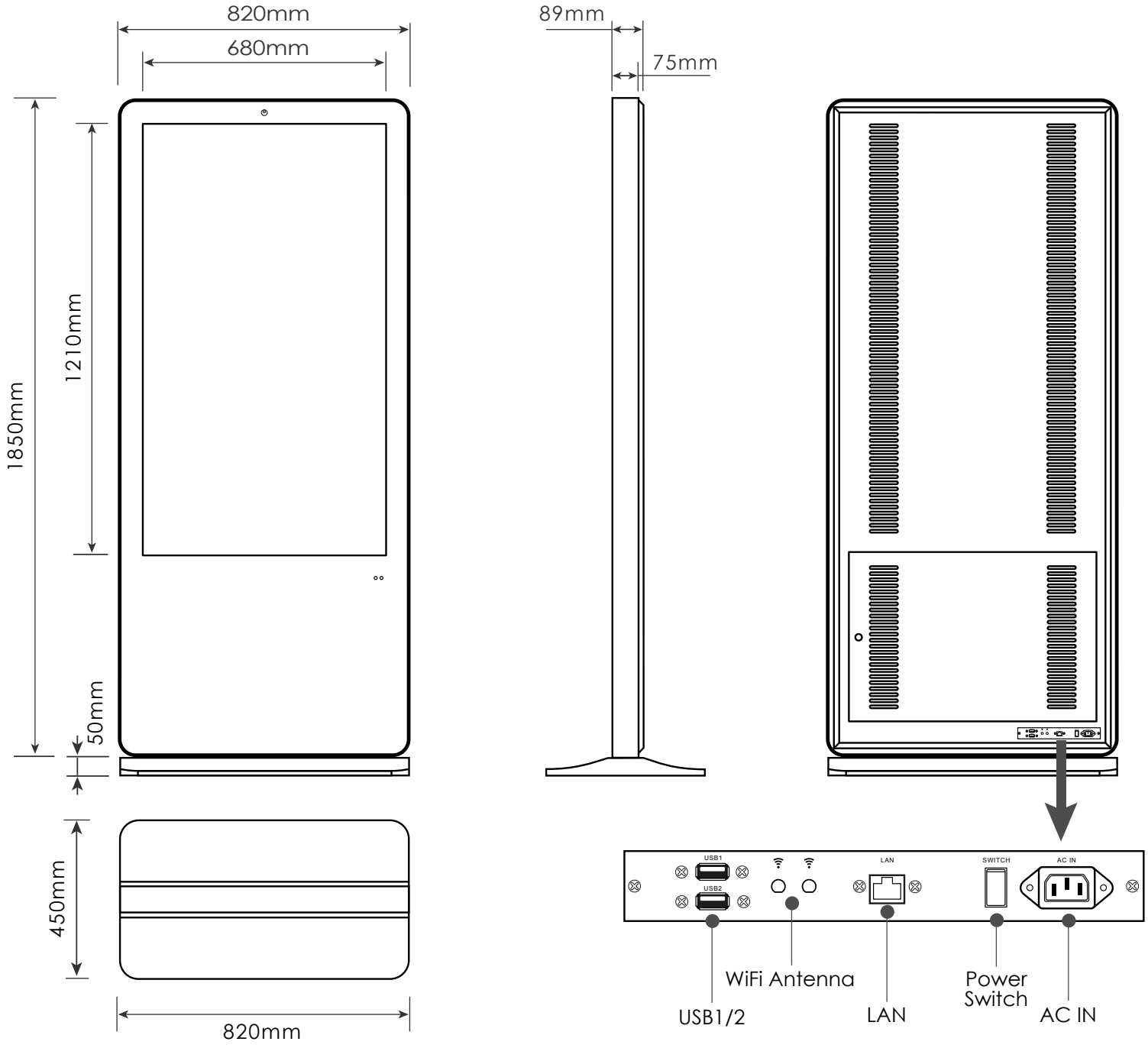
IMMERSE Bespoke Interactive Software for Promultis Totem Focus

Promultis offer a bespoke software creation service where our software development team will create a multi-touch interactive experience to run on your touch hardware. Visit the IMMERSE website at *https://immerse.promultis.info/*

At the end of the day, you like to know what customer profiles came into your store. How about knowing the number of male, female, age ranges and what they purchased? We have software and hardware that allows all of this to be reported, and the Totem Focus is the perfect product for this kind of data collection.

CHASSIS FEATURES	
Material	Metal & Aluminium
Glass	Tempered Glass
Colour	Black
Dimensions (mm)	1850 x 820 x 87.5
Foot dims (mm)	50 x 820 x 450
Weight	68 kg
TOUCH TECHNOLOGY	
Infra red	10 touch points
MAIN BOARD	
Menu Language	English
Chipset	MSD6A828, quad core
RAM	2GB
ROM	16GB
Android Version	Android 5.0.1
MAIN BOARD CONNECTIVITY	
AVI 1	1
PC IN	3
VGA OUT	1
HDMI Input	2
DP Input	1
USB	3
WAN IN	1
LAN OUT	1
S/PDIF OUT	1
Headphone	1
RS232	1
TOUCH OUT	2
OTHER	
Input Voltage	AC100V~240V 50/60Hz
Standby Power	≤1W
Power Rating	≤230W
Working Temp	0°~50°

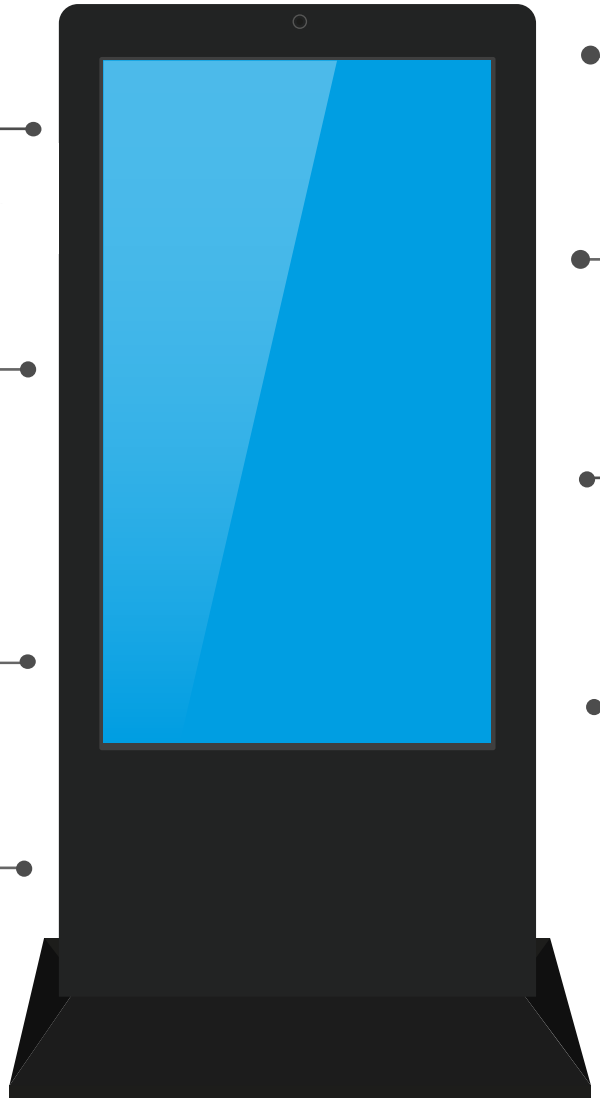
SCREEN	
Visable area	55" (1200mm x 680mm)
Resolution	3840 x 2160 4K UHD
Contrast Ratio	4000:1
Brightness (cd/m^2)	350
Response Time	8ms
Viewing angle	horizontal/vertical 178°
Colours	16.7M
Lifespan	50000H
OPS	
Processor	Intel I5
Graphics	Integrated
Sound Card	Integrated High Definition AudioStereo
Networking	Integrated 10/100/1000M Adaption
Memory	8GB
Hard Drive	128G SSD
OPS CONNECTIVITY	
WIFI	802.11b/g/n /802.11a/b/g/n (optional)
USB(A)	6(4for USB2.0 2 for USB3.0)
Microphone In	1
Earphone Out	1
Lan Port(RJ45)	1
HDMI Input	1
Mini DP	1
VGA Out	1
WiFI Antenna	2
WEBCAM	
FOV	60°
Camera Resolution	1080p
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	


820mm
680mm
1850mm
1210mm
50mm
450mm
820mm
89mm
75mm
USB1
USB2
LAN
SWITCH
AC IN
USB1/2
WiFi Antenna
LAN
Power Switch
AC IN

[promultis]

65” Touch Totem

Freestanding totem in a stylish aluminium and steel housing.
Ideal for digital signage in shopping centres, public areas and transport hubs.



- STURDY STEEL ENCLOSURE
- INTEL i5 PC, 4GB RAM, 240GB SSD, WINDOWS 7/8/10
- INTERNAL SPEAKERS
- SECURE ACCESS PANELS WITH LOCKS
- INTEGRATED WEBCAM
- FULL HD 1080p, BACK-LIT LED SCREEN
- TOUGHENED GLASS
- 10 TOUCH POINTS
- 1 YEAR ON-SITE WARRANTY

MADE IN BRITAIN

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

MAGICVIU MULTITOUCH SOLUTIONS

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CHASSIS FEATURES	
Materials	Metal & Aluminum
Glass type	Toughened
Colour	Black or white
Dimensions	988mm(w) x 2057mm(h) x 120mm(d)
Base plate	1155mm(w) x 580mm(d) x 80mm(h)
PANEL	
Interactive area	809mm x 1439mm (65")
Panel resolution	1080p HD
Native resolution	1080 pixels x 1920 pixels 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power cable
Remote control	Included
User manual	Included
WARRANTY	
1 year on-site warranty as standard	

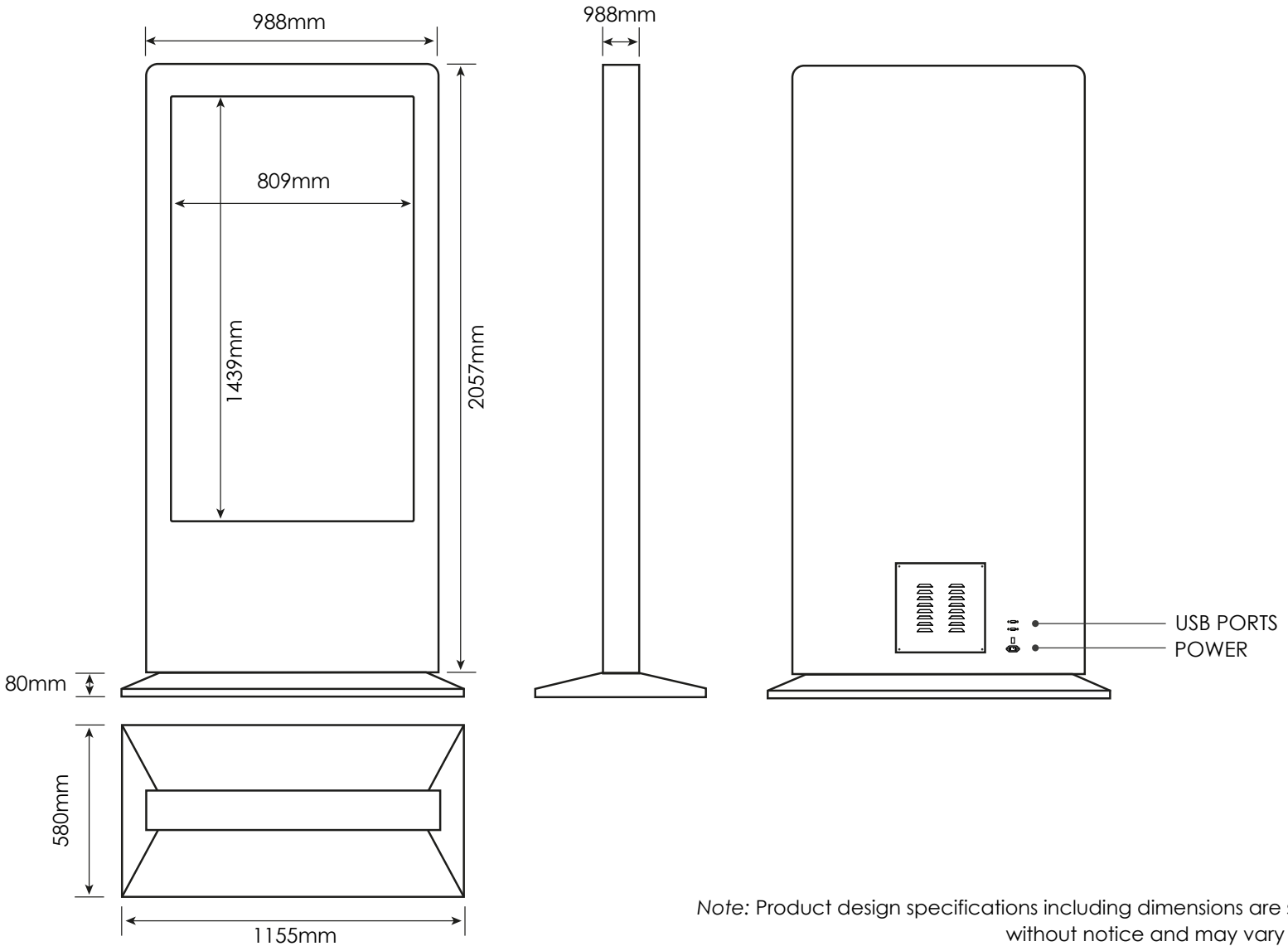
INFRA RED TOUCH	
Touch Points	10
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows
INTEGRATED MICROSOFT LIFECAM CINEMA WEBCAM	
True 720p HD video	Records true HD-quality video at up to 30 fps.
Auto Focus	Images stay sharp and detailed even during close-ups.
High-precision glass element lens	Delivers more accurate colours and sharper video.
ClearFrame Technology	Delivers smooth, detailed video, even in low light conditions.
Digital Microphone	With noise cancelling technology, helps improve speech quality for crystal clear audio
TrueColor Technology	Automatically controls exposure for bright and colourful video.

INTEL NUC PC INTEGRATED IN REAR OF TOTEM	
Processor	Intel Core i5
Graphics	Intel Iris Plus Graphics 640
USB	Hi-speed USB 2.0 Ports
Wireless	Dual Band Wireless-AC
Memory	4GB RAM
Hard Drive	240GB SSD
OS	Windows 10

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

65” Touch Totem



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

Insert

Pre-packaged multitouch solution that can be incorporated into your own designed facility, be it a table, cabinet or vertical installation.

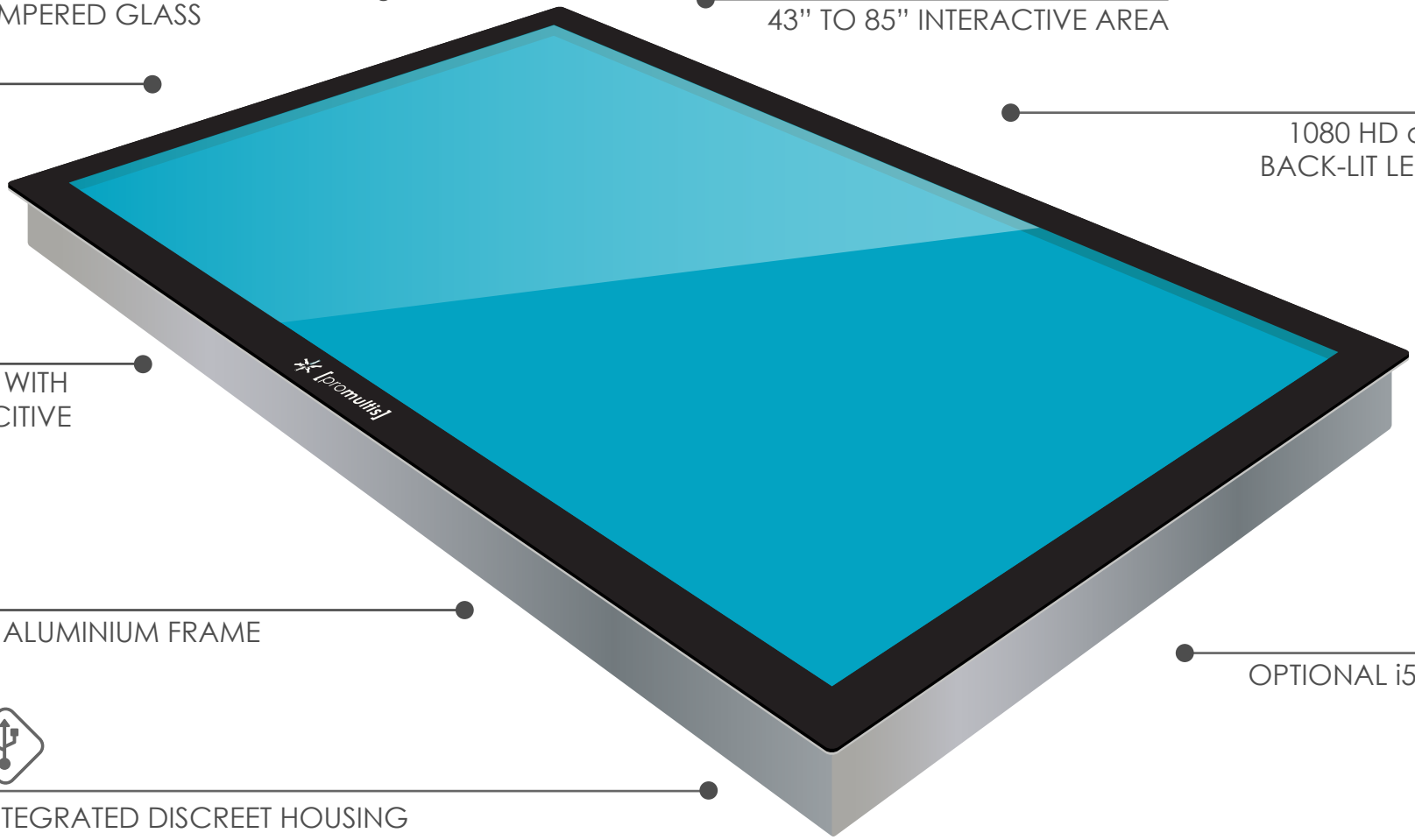
TEMPERED GLASS

43" TO 85" INTERACTIVE AREA

32 TOUCH POINTS
WITH INFRARED

4K ULTRA HD

1080 HD or 4K UHD,
BACK-LIT LED SCREEN



100 TOUCH POINTS WITH
PROJECTED CAPACITIVE
TECHNOLOGY

STURDY ALUMINIUM FRAME

OPTIONAL i5 or i7 PC

INTEGRATED DISCREET HOUSING
FOR CONNECTIVITY AND CABLING

1 YEAR ON-SITE WARRANTY

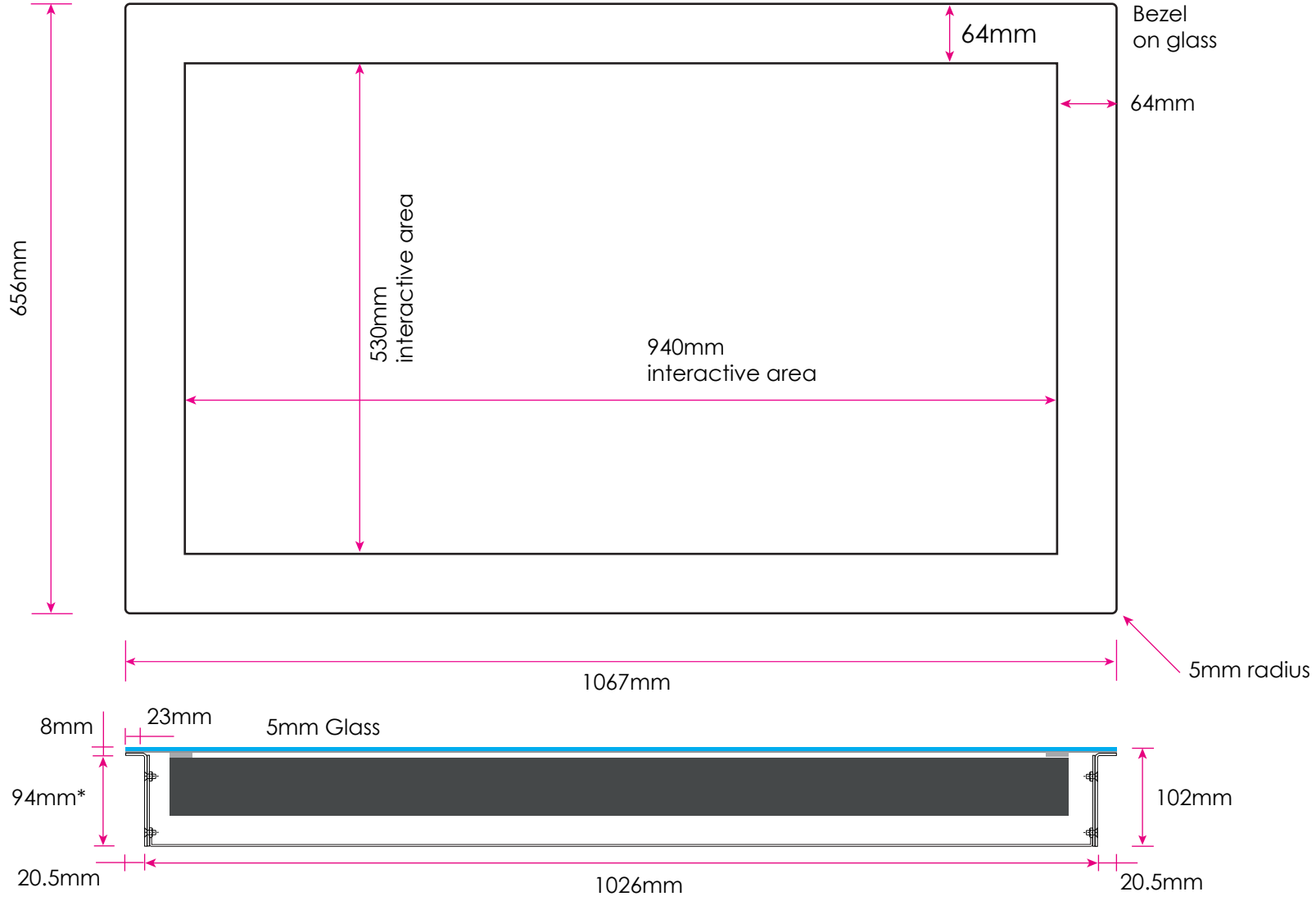
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
PANEL	
Interactive area	42" | 48" | 49" | 55" | 65" | 75" | 85"
Panel resolution	1080p HD or 4K UHD 3840 x 2160
Native resolution	1080x1920 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	10, 16/20 & 32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

[promultis]

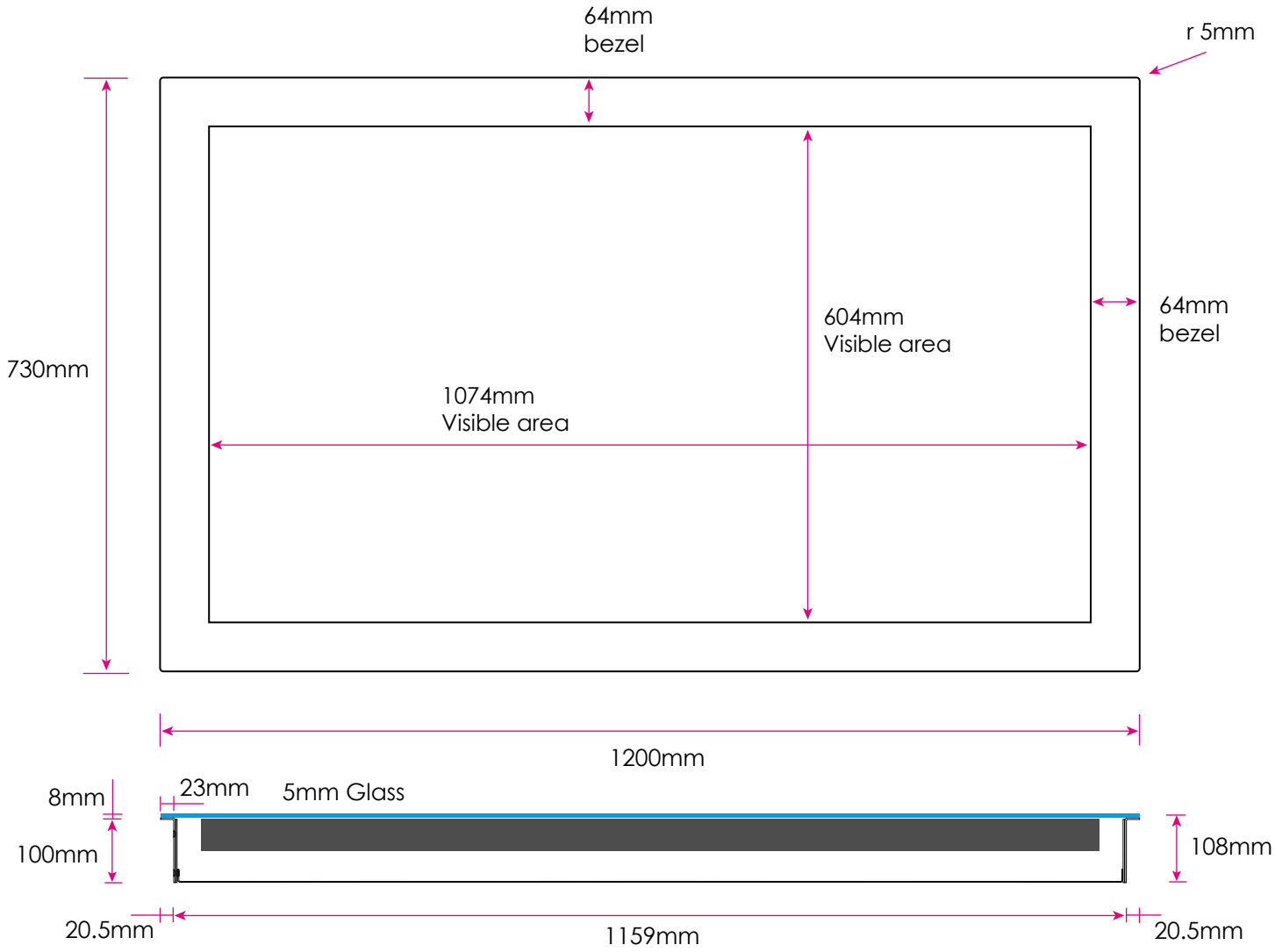
Insert
with 43” interactive area



*Please note height will vary due to monitor depth

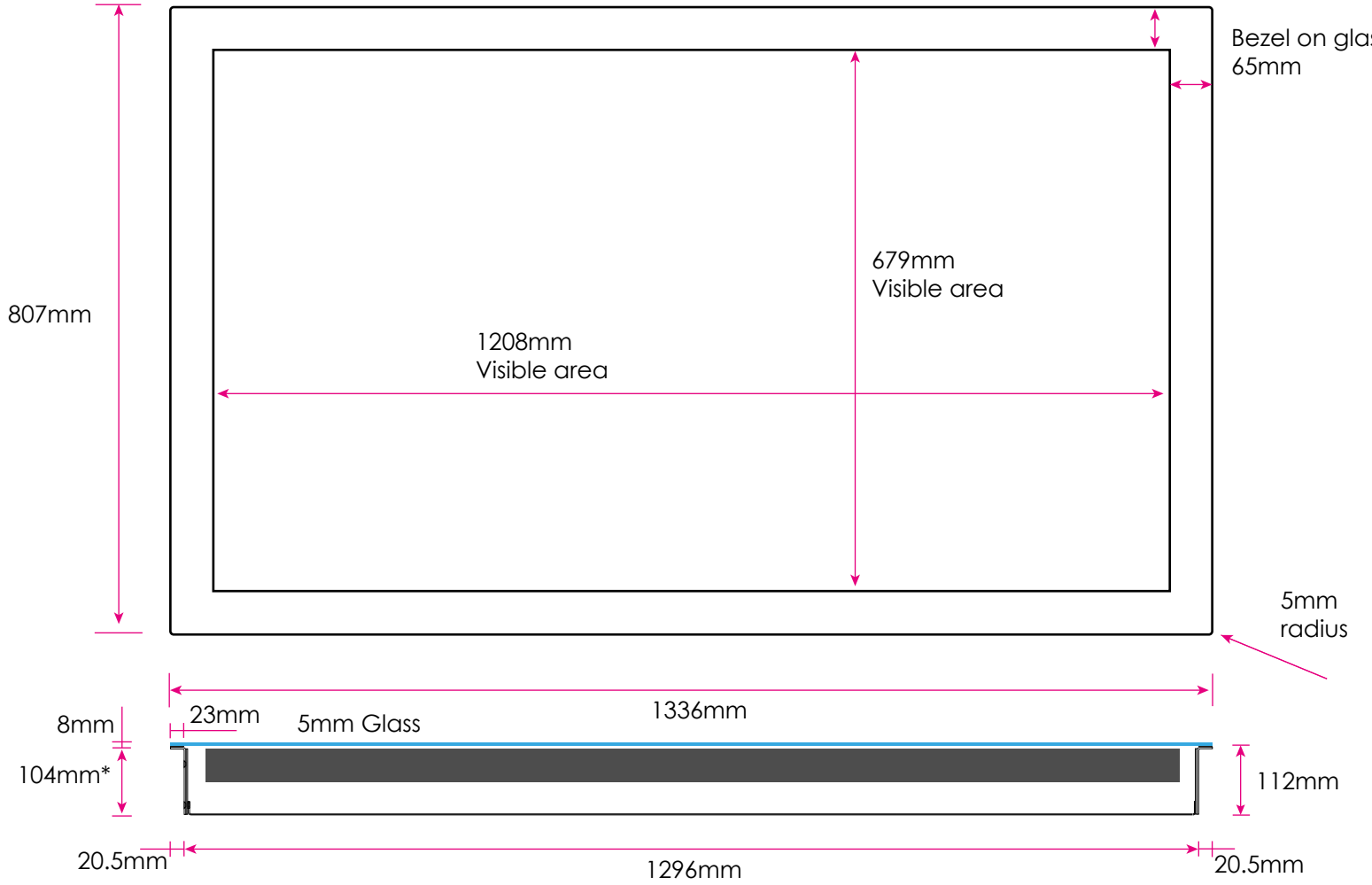
[promultis]

Insert
with 49” interactive area



[promultis]

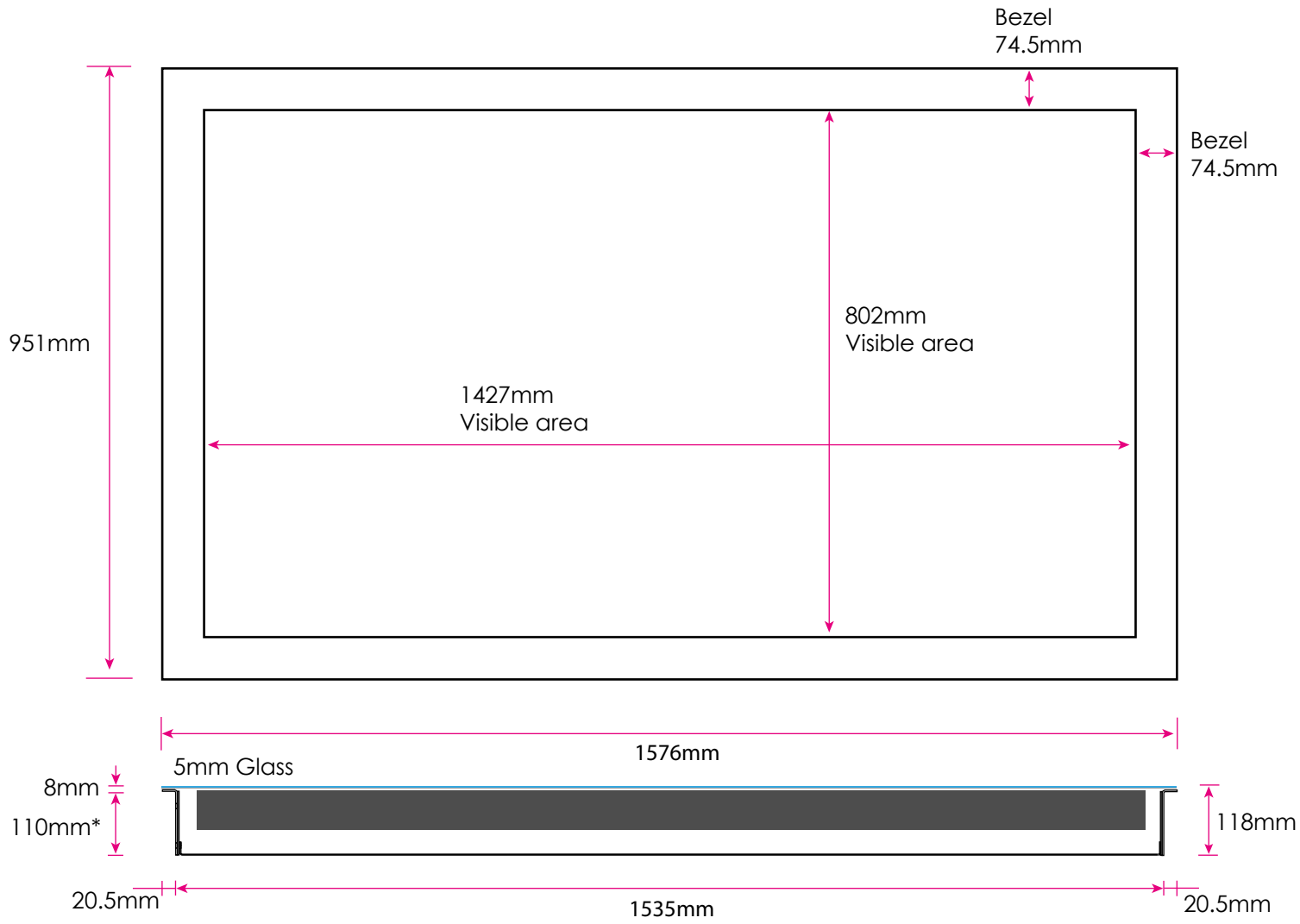
Insert
with 55” interactive area



*Please note height will vary due to monitor depth

[promultis]

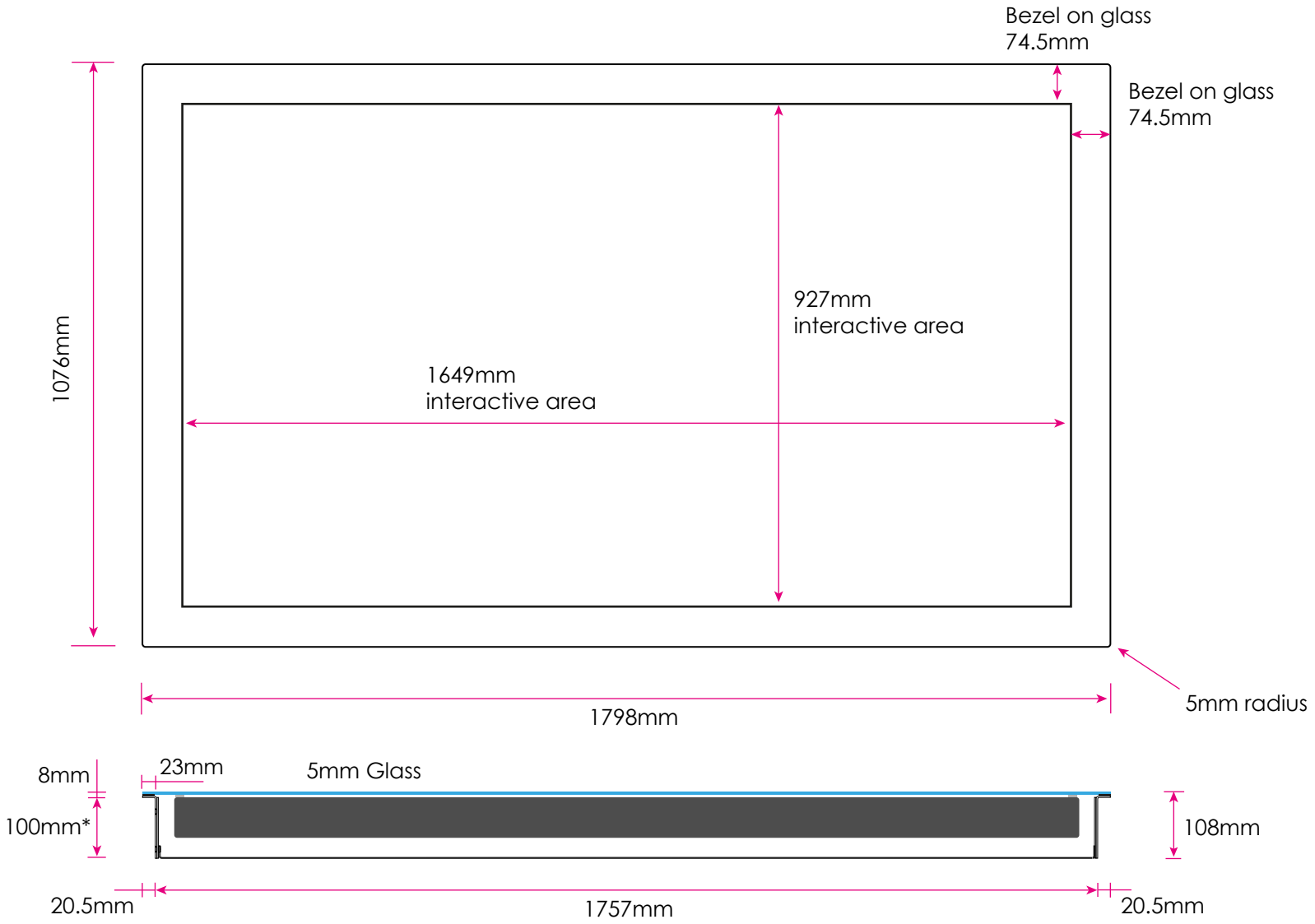
Insert
with 65” interactive area



*Please note height will vary due to monitor depth

[promultis]

Insert
with 75" interactive area



*Please note height will vary due to monitor depth

[promultis]

Insert
with 85” interactive area

MAGICVIU

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[promultis]

Tetra Touch Table

The Promultis Tetra Table is a complete multi touch, collaborative interactive surface solution.

43" INTERACTIVE AREA

EASY ACCESS ALL SIDES

4K ULTRA HD

1080p HD, BACK-LIT LED SCREEN

40 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

INTERNAL SPEAKERS

INTEGRATED ANDROID
Use without a connected PC

TABLE TOP CONTROLS

OPTIONAL OPS i5 or i7

INTEGRATED WI-FI

HDMI, VGA AND USB CONNECTIVITY

3 YEAR ON-SITE WARRANTY

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Panel	
Screen Size	43"
Panel Technology	TFT LCD
Display Resolution	1920 x 1080
Brightness (Type)	350 cd / ^{2}
Contrast (Type)	1200 : 1
Response Time (Grey To Grey)	12 ms
Frame Rate	60 Hz
Viewing Angle (H / V)	178° / 178°
Display Colors	16.7M (8-bit)
Backlight Type	Edge LED
Service Life	> 30,000 Hours
Installation	Horizontal
Touch	
Detection Method	P-CAP Air-gap
Available Touch Point	40 Point (10 point writing)
Response Time (Type)	<= 15ms
Minimum Response Size	n/a
Communication Interface	USB / Uart
Key	
Number	3
Function	Power/Menu/Back

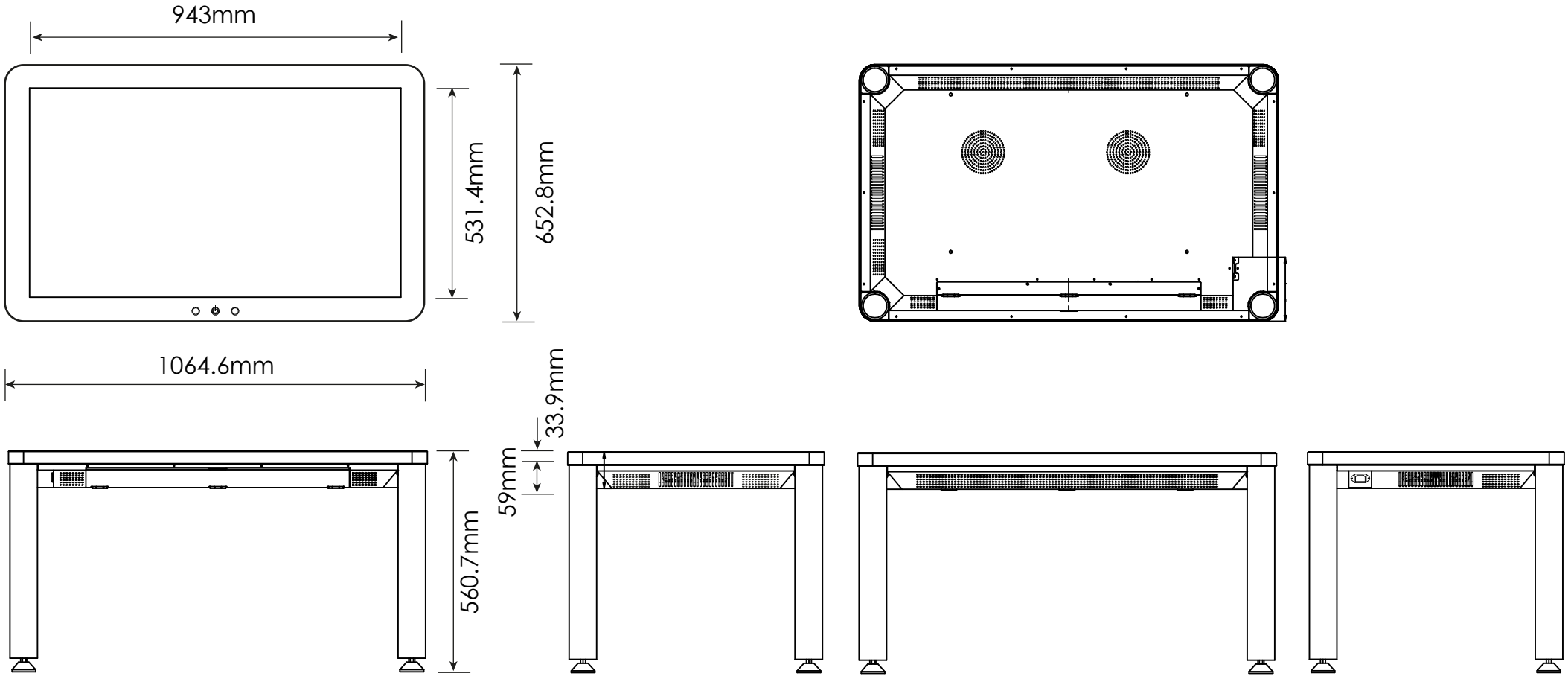
Connectivity	
HDMI2.0 Input(s)	1
VGA Input(s) (with Mini Jack Audio Input)	1(Side/DB-15F)
DisplayPort 1.2Input(s)	1
Headphone Output(s)	1 (Mini Jack)
USB 3.0Port(s)	1 (Type-A)
USB 2.0Port(s)	1 (Type-A)
RS-232C Port(s)	1(Mini Jack)
LAN Port(s)	1 (RJ45 for 10/100 BaseT)
SPDIF	Optical
WI-Fi Module	802.11b/g/n
Touch Out	1 (USB Type-B)
Bluetooth Version	4.1
Sound	
Audio Power Output (RMS)	15Wx2
Subwoofer	n/a
Speaker Position	Side
Sound Mode	Standard / Music / Movie / User

Smart System	
CPU	ARM Cortex A53x4 1.5GHz
GPU	Mali 450 MP4
Operating System	Android 5.0.1
Memory	2 GB
On-Board Storage	16GB
OSD	
OSD Language Function	English
OSD Key Lock Function	Yes
Power	
Power Supply	AC 100-240 V 50 / 60Hz
Power Consumption (in Operation)	70W
Power Consumption (in Standby)	<= 0.5 W
Environmental	
Operation Temperature	0 - 40°C
Storage Temperature	-20 - 60°C
Operation Humidity	20 - 80 %RH (No Condensation)
Storage Humidity	10 - 90 %RH
Supplied Accessories	
AC Power Cable / Operating Instructions / Quick Start Guide / Remote Control /Guarantee Card	

PC Module options	
Model	OPS2
Operating System	Windows 7 / windows 8 / windows 10/ Linux / DOS
CPU	Intel® Core™ i7 / i5 Processor
Chipset	Integrated
Graphics	Integrated
Memory	4 GB Up to 16 GB Dual Channel, SO-DIMM DDR4 2 x SO-DIMM,Max.32GB
Storage	2.5" 500 GB Up to 2 TB SATA Hard Drive 128 GB Up to 256 GB M.2 NGFF 2242 SSD (optional)
Wireless Data	802.11 a/b/g/n/ac, Bluetooth V4.0
LAN	10/100/1000 Mbps
Audio	High Definition 5.1 Channel Audio
I/O Ports	2 x USB 3.0 2 x USB 2.0 1 x HDMI 1 x RJ45 LAN 2 x Audio Jack(s) (Line OUT/Mic)
Dimensions	180mm(L) x 119mm(W) x 30mm(H)
Weight	1 Kg

[promultis]

43inch Tetra Touch Table



[promultis]

Tetra Table Elite

The Promultis Tetra Table is a complete multi touch, collaborative interactive surface solution that has electric adjustable height capability.

65" INTERACTIVE AREA

EASY ACCESS ALL SIDES

4K UHD, BACK-LIT LED SCREEN

50 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

INTERNAL SPEAKERS

INTEGRATED ANDROID
Use without a connected PC

TABLE TOP CONTROLS

OPTIONAL OPS i5 or i7

INTEGRATED WI-FI

HDMI, VGA AND USB CONNECTIVITY

ELECTRIC HEIGHT ADJUSTABLE

3 YEAR ON-SITE WARRANTY

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Panel	
Screen Size	65" (64.53")
Panel Technology	TFT LCD
Display Resolution	3840 x 2160
Brightness (Type)	350 cd / ^{2}
Contrast (Type)	1200 : 1
Response Time (Grey To Grey)	9 ms
Frame Rate	60 Hz
Viewing Angle (H / V)	178° / 178°
Display Colors	1.07B (10-bit)
Backlight Type	Direct LED
Service Life	> 30,000 Hours
Installation	Flat Horizontal
Touch	
Detection Method	P-CAP Bonded
Available Touch Point	10 Point
Response Time (Type)	<= 15ms
Minimum Response Size	>= Φ6 mm
Communication Interface	USB
Key	
Number	3
Function	Home/Up/Down

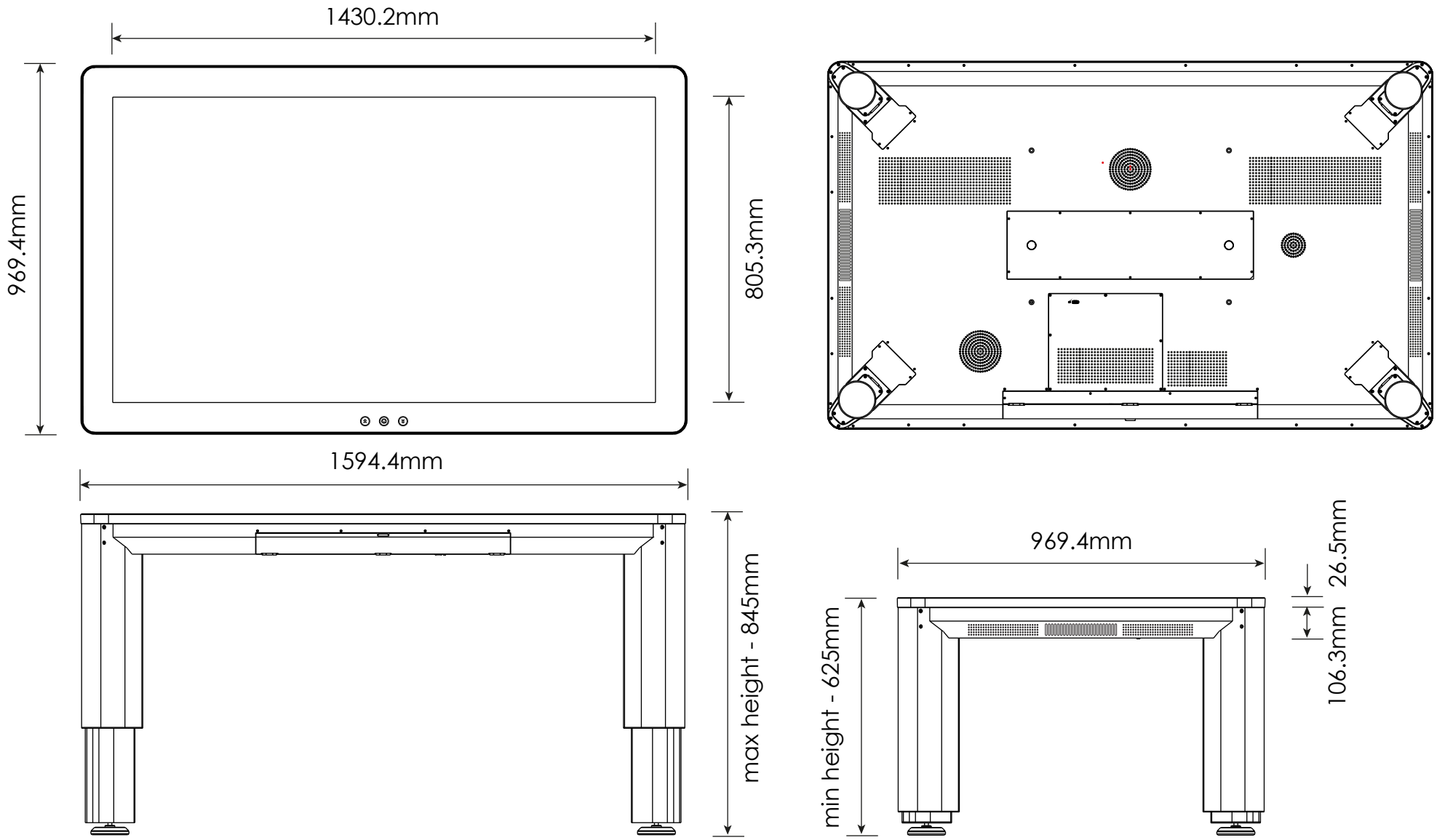
Connectivity	
HDMI2.0 Input(s)	1
HDCP	HDCP 2.2
DisplayPort 1.2Input(s)	1
Audio / Headphone Output(s)	1 (Mini Jack)
USB 3.0Port(s)	1 (Type-A)
USB 2.0Port(s)	1 (Type-A)
RS-232C Port(s)	1(Mini Jack)
LAN Port(s)	1 (RJ45 for 10/100 BaseT)
SPDIF	Optical
WI-Fi Module	802.11b/g/n
Touch Out	1 (USB Type-B)
Bluetooth Version	4.0
Smartphone Connectivity	Miracast™/MHL
Sound	
Audio Power Output (RMS)	15Wx2
Subwoofer	15W
Speaker Position	Side
Sound Mode	Standard / Music / Movie / User

Smart System	
CPU	ARM Cortex A53x4 1.5GHz
GPU	Mali 450 MP4
Operating System	Android 5.0.1
Memory	2 GB
On-Board Storage	16GB
OSD	
OSD Language Function	English
OSD Key Lock Function	Yes
Power	
Power Supply	AC 100-240 V 50 / 60Hz
Power Consumption (in Operation)	280W
Power Consumption (in Standby)	<= 0.5 W
Environmental	
Operation Temperature	0 - 40°C
Storage Temperature	-20 - 60°C
Operation Humidity	20 - 80 %RH (No Condensation)
Storage Humidity	10 - 90 %RH
Supplied Accessories	
AC Power Cable / Operating Instructions / Quick Start Guide / Remote Control /Guarantee Card	

PC Module options	
Model	OPS2
Operating System	Windows 7 / windows 8 / windows 10/ Linux / DOS
CPU	Intel® Core™ i7 / i5 Processor
Chipset	Integrated
Graphics	Integrated
Memory	4 GB Up to 16 GB Dual Channel, SO-DIMM DDR4 2 x SO-DIMM,Max.32GB
Storage	2.5" 500 GB Up to 2 TB SATA Hard Drive 128 GB Up to 256 GB M.2 NGFF 2242 SSD (optional)
Wireless Data	802.11 a/b/g/n/ac, Bluetooth V4.0
LAN	10/100/1000 Mbps
Audio	High Definition 5.1 Channel Audio
I/O Ports	2 x USB 3.0 2 x USB 2.0 1 x HDMI 1 x RJ45 LAN 2 x Audio Jack(s) (Line OUT/Mic)
Dimensions	180mm(L) x 119mm(W) x 30mm(H)
Weight	1 Kg

[promultis]

65inch Tetra Touch Table Elite



[promultis]

Touch Table

The Table is a complete multi touch, collaborative interactive surface solution that integrates the latest touch screen technology into a table.

STEELITE INTERNATIONAL MADE IN BRITAIN MADE FOR LIFE

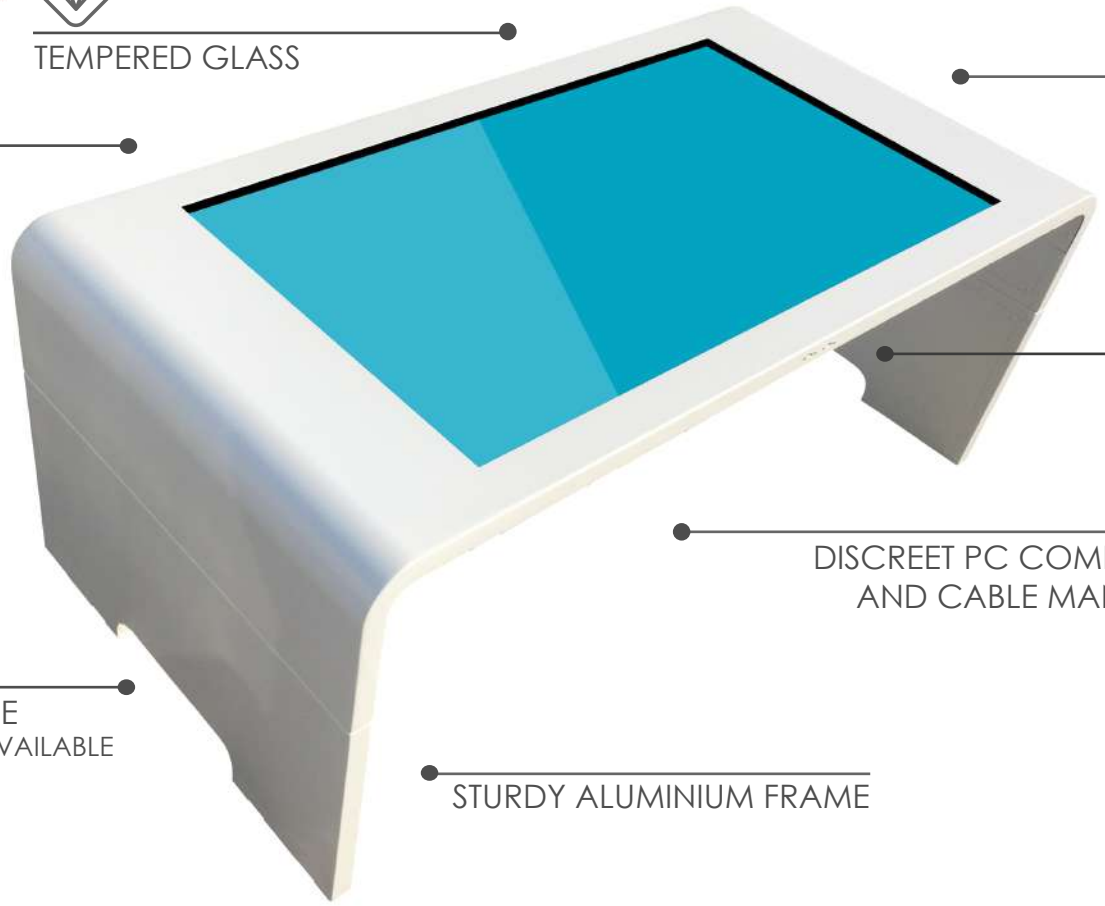
43" TO 65" SCREENS AVAILABLE

TEMPERED GLASS

4K ULTRA HD

1080 HD or 4K UHD, BACK-LIT LED SCREEN

32 TOUCH POINTS WITH INFRARED



10 OR 100 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

EXTERNAL USB PORTS

DISCREET PC COMPARTMENT AND CABLE MANAGMENT

EXTENDED LEGS AVAILABLE
WITH 800MM EXTENDED LEGS AVAILABLE

OPTIONAL i5 or i7 PC

STURDY ALUMINIUM FRAME

HDMI, VGA AND USB CONNECTIVITY

3 YEAR SWAP OUT WARRANTY

MAGICVIU
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The Promultis Table is a slim, stylish and futuristic piece of hardware. Constructed from sturdy aluminium in a coffee table design, the Promultis Table is a collaborative, interactive multitouch surface solution that integrates the latest touch screen technology into a user-friendly and intuitive design.

The Promultis Table is available in a variety of configurations; Interactive areas from 43" up to 65", the choice of 1080p HD or 4K UHD LED screens, optional integrated PC and a choice of software bundles. There is also the option of infra-red with 32 touch points or capacitive touch technology with up to 100 touch points, and custom leg height options that make the table optimal for wheel chair users.

When configured with capacitive touch technology, the table top can have an almost completely flat surface, also, with discreet power outlets and efficient, safe cable management, the Promultis Table is incredibly tidy and minimal in appearance.

Promultis touch tables are ideal for:

- Receptions
- Foyer Areas
- Dining Halls
- Coffee Areas
- Exhibition Stands
- Libraries

Secure PC housing

Should an integrated PC be specified, there is a secure PC housing beneath the table.

Table dimensions

	Width	Depth	Height
42"	800 mm	1600 mm	650 mm*
48"	800 mm	1600 mm	650 mm*
55"	1000 mm	2000 mm	650 mm*
65"	1000 mm	2000 mm	650 mm*

**800mm taller leg option available at additonal cost*

The table provides a large working surface area allowing several users to collaborate all at the same time. Users can control the content they see by using natural gestures such as pinch, zoom and drag.

The Promultis Table allows your business to engage, inform and entertain customers in a host of ways. The Promultis Table can also allow you to gain valuable insight into your customers, making the Promultis Table a highly effective data collection tool! It can also be branded with your own identity or promotion.

Software options

The Snowflake Suite Ultimate is perfect for education and training, its fully featured with all over 52 apps, including presentation, creativity and productivity tools, as well as games. It is intuitive and easy to use and customisable to suit your needs.

Bespoke Interactive Software

Engage with customers through a fully branded, interactive application with multi-user, collaborative interface incorporating your corporate identity, images, literature, audio files, videos, web sites and social media.

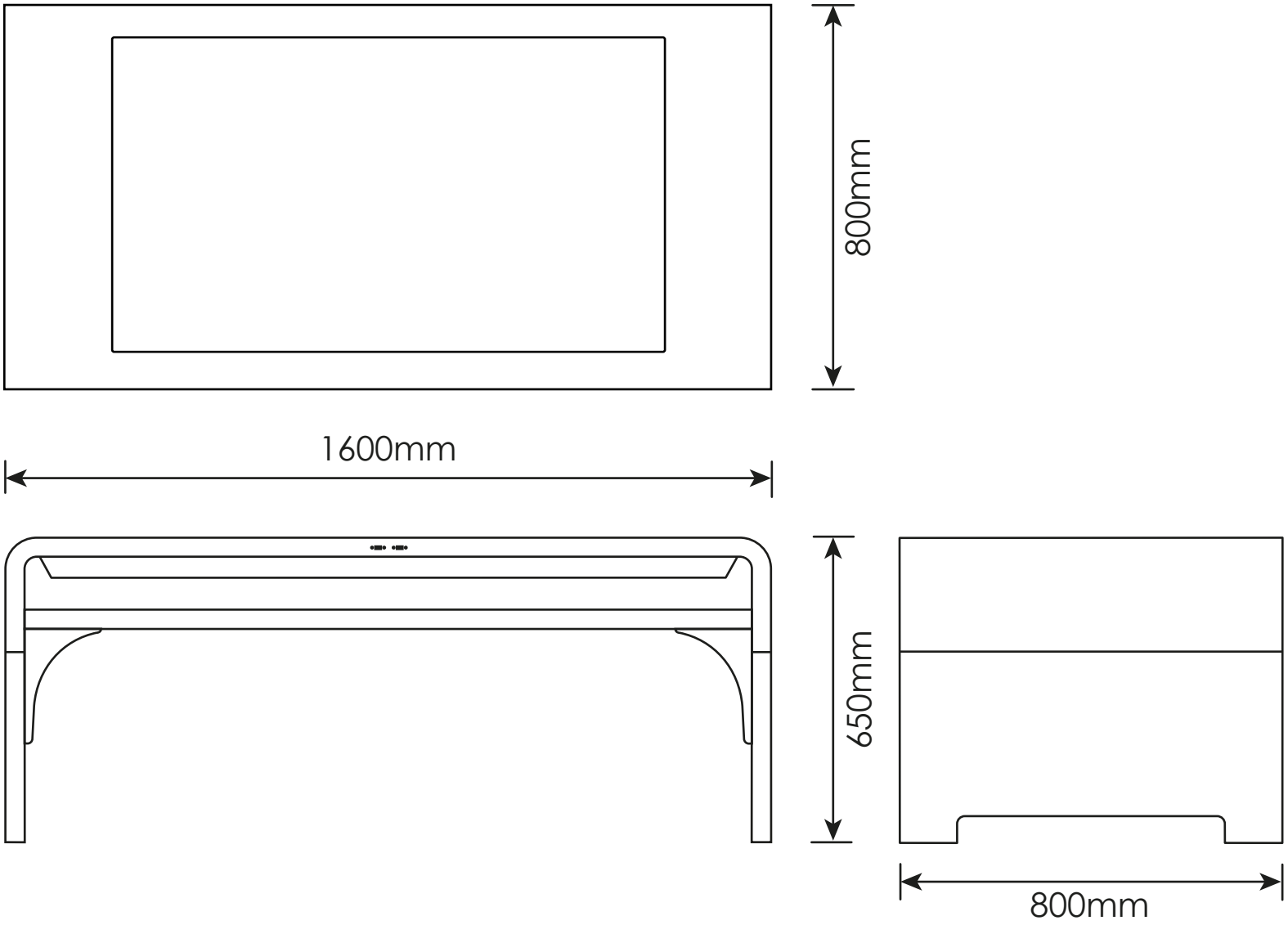
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
Tray	Cable Mangement and PC shelf
Base	4 Floor Levelling Castors
PANEL	
Interactive area	43" | 48" | 55" | 65"
Panel resolution	4K UHD 3840 x 2160
Native resolution	3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	10 or100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

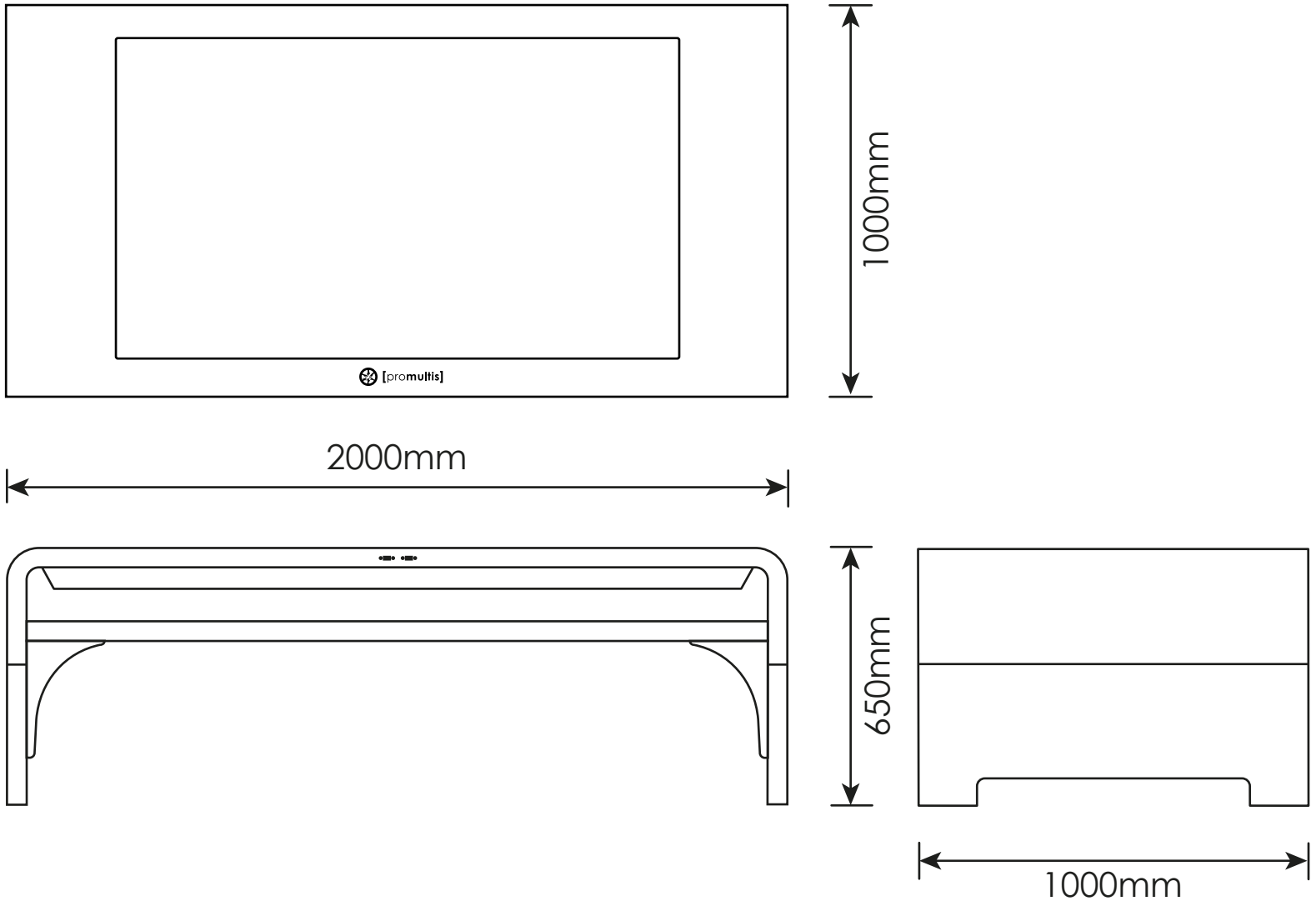
[promultis]

43” - 48” Touch Table with Extended Legs



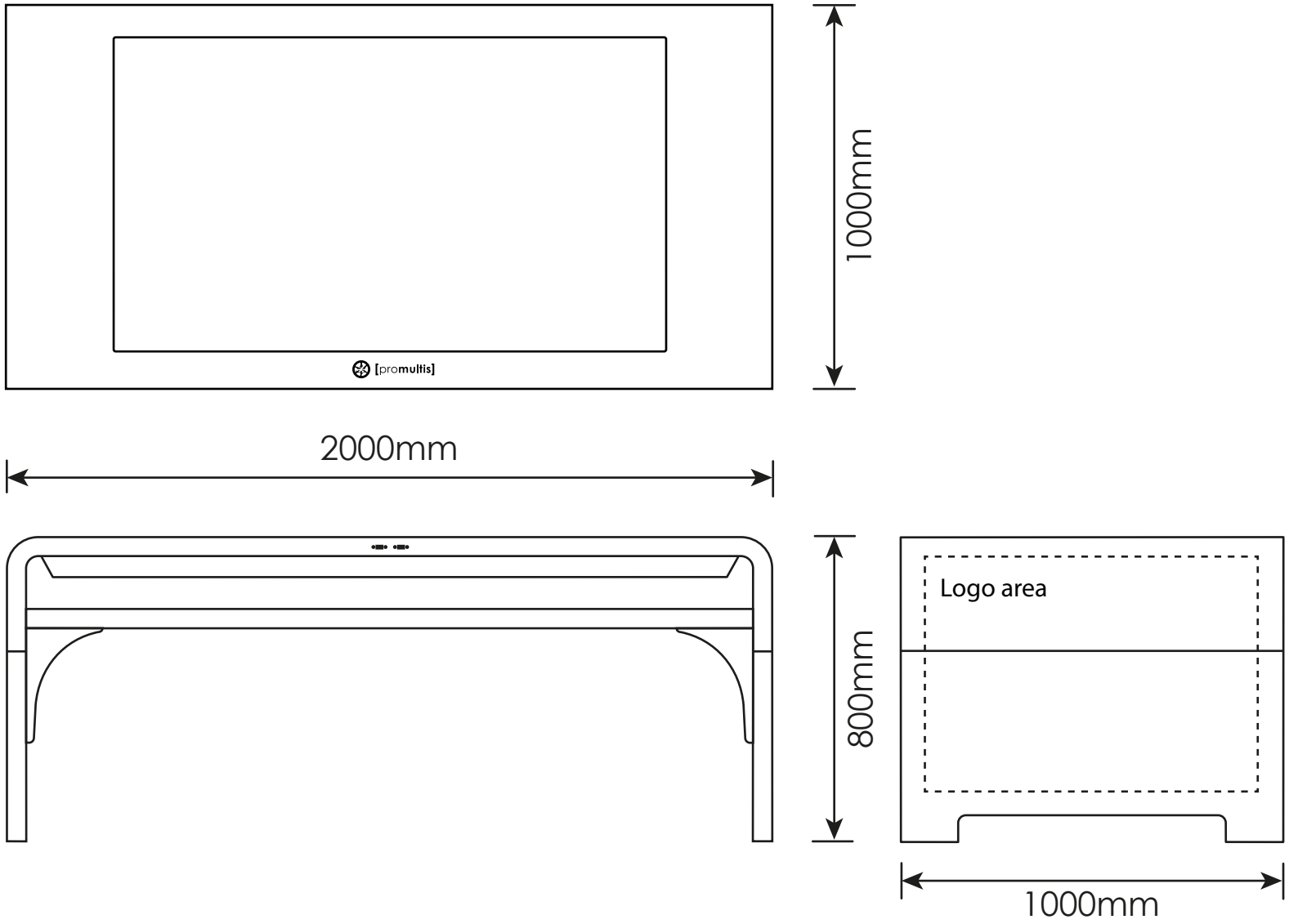
[promultis]

55” & 65” Touch Table



[promultis]

65” Touch Table with Extended Legs



MAGICVIU

For more exciting multitouch products visit
www.magicviu.com

[promultis]

Uno Table

The Promultis Uno Table is a complete multi touch, collaborative interactive surface solution that integrates the latest touch screen technology into a table.

- 43" TO 86" INTERACTIVE AREA
- EASY ACCESS ALL SIDES
- 1080p HD or 4K UHD, BACK-LIT LED SCREEN
- 10/20 OR 100 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY
- TEMPERED GLASS
- 32 TOUCH POINTS WITH INFRA RED TECHNOLOGY
- EXTERNAL USB PORTS
- OPTIONAL i5 or i7 PC
- INTEGRATED WI-FI
- SECURE PC COMPARTMENT AND CABLE MANAGMENT
- HDMI, VGA AND USB CONNECTIVITY
- 3 YEAR REPAIR OR REPLACE WARRANTY

STEELITE INTERNATIONAL MADE IN BRITAIN MADE FOR LIFE

MAGICVIU MULTITOUCH SOLUTIONS

For more exciting multitouch products visit www.magicviu.com

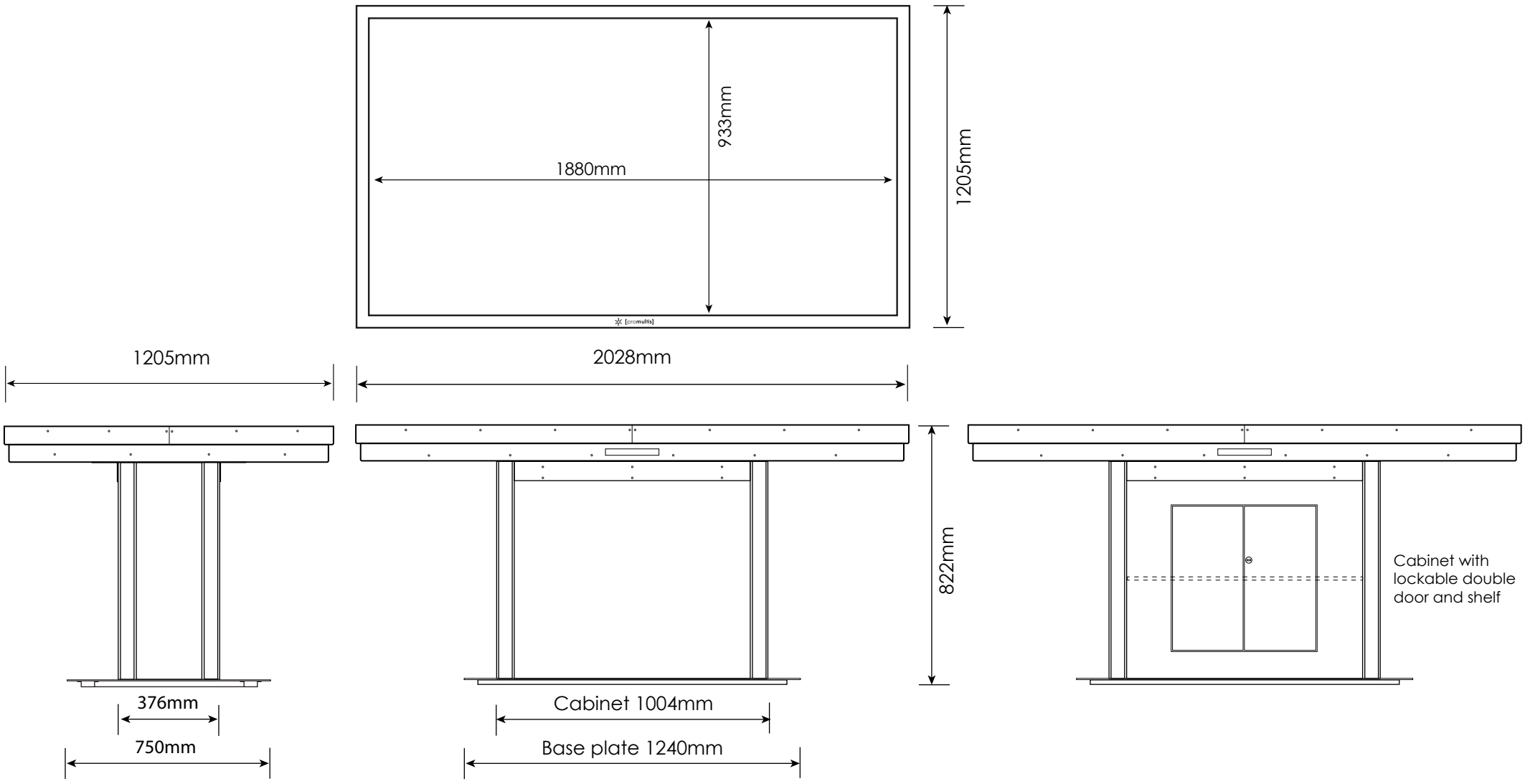
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
Base unit	Cable Mangement and PC shelf
Base	Plate or curved feet
PANEL	
Interactive area	43" | 49" | 55" | 65" | 75" | 86"
Panel resolution	1080p HD or 4K UHD 3840 x 2160
Native resolution	1920 x 1080 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	10 & 32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	10/20 & 100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

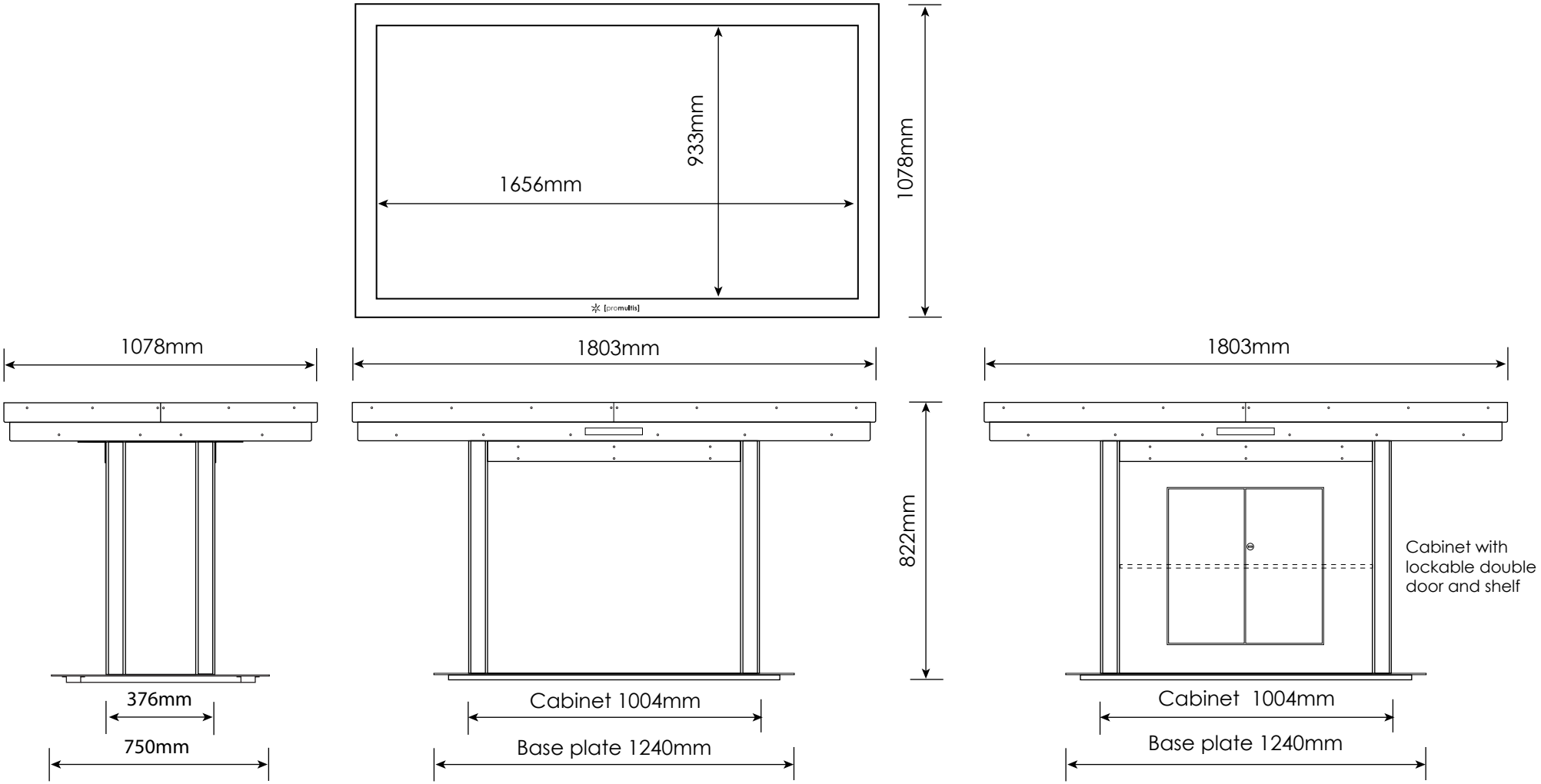
[promultis]

85” Uno Table with projected capacitive interactive area



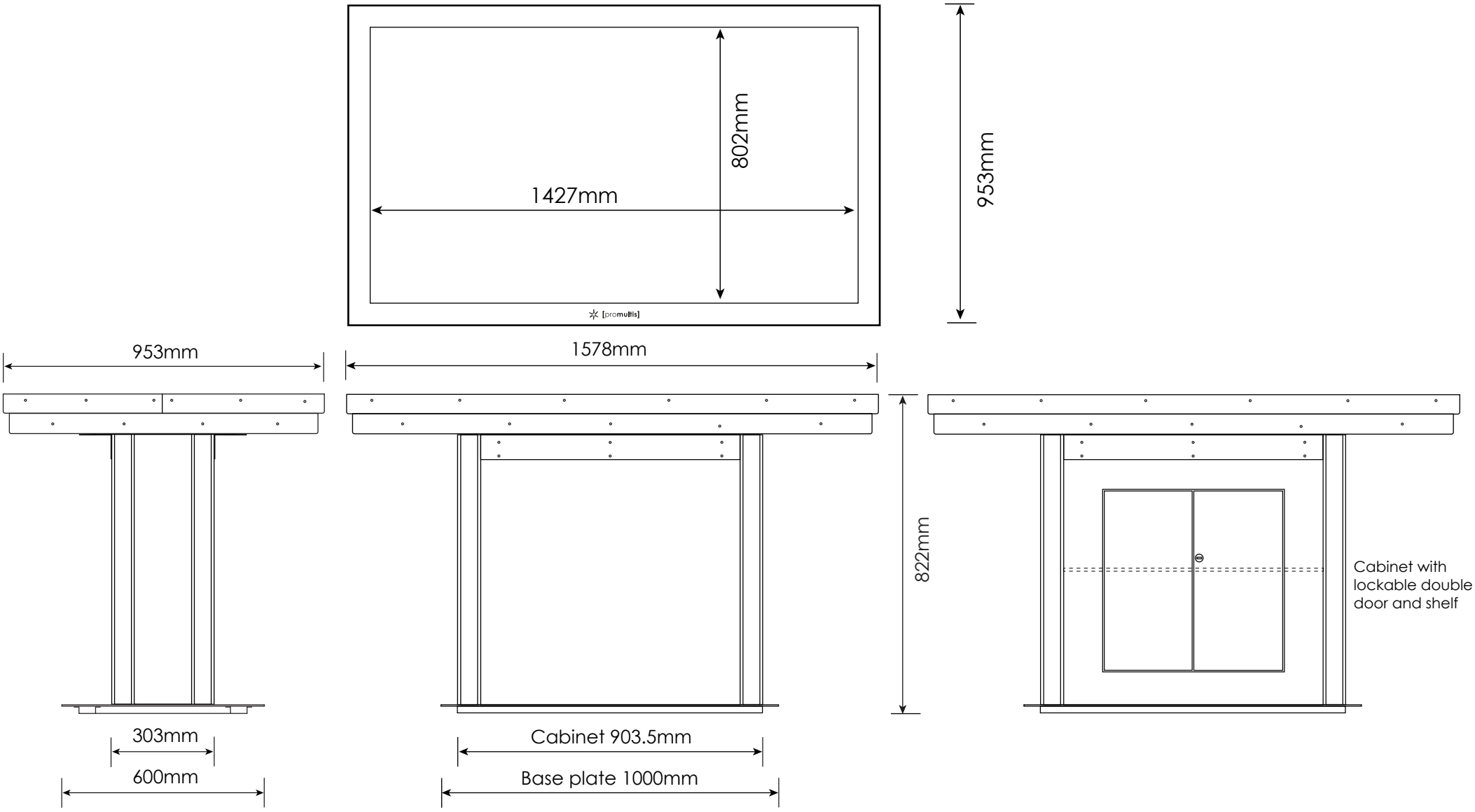
[promultis]

75” Uno Table with projected capacitive interactive area



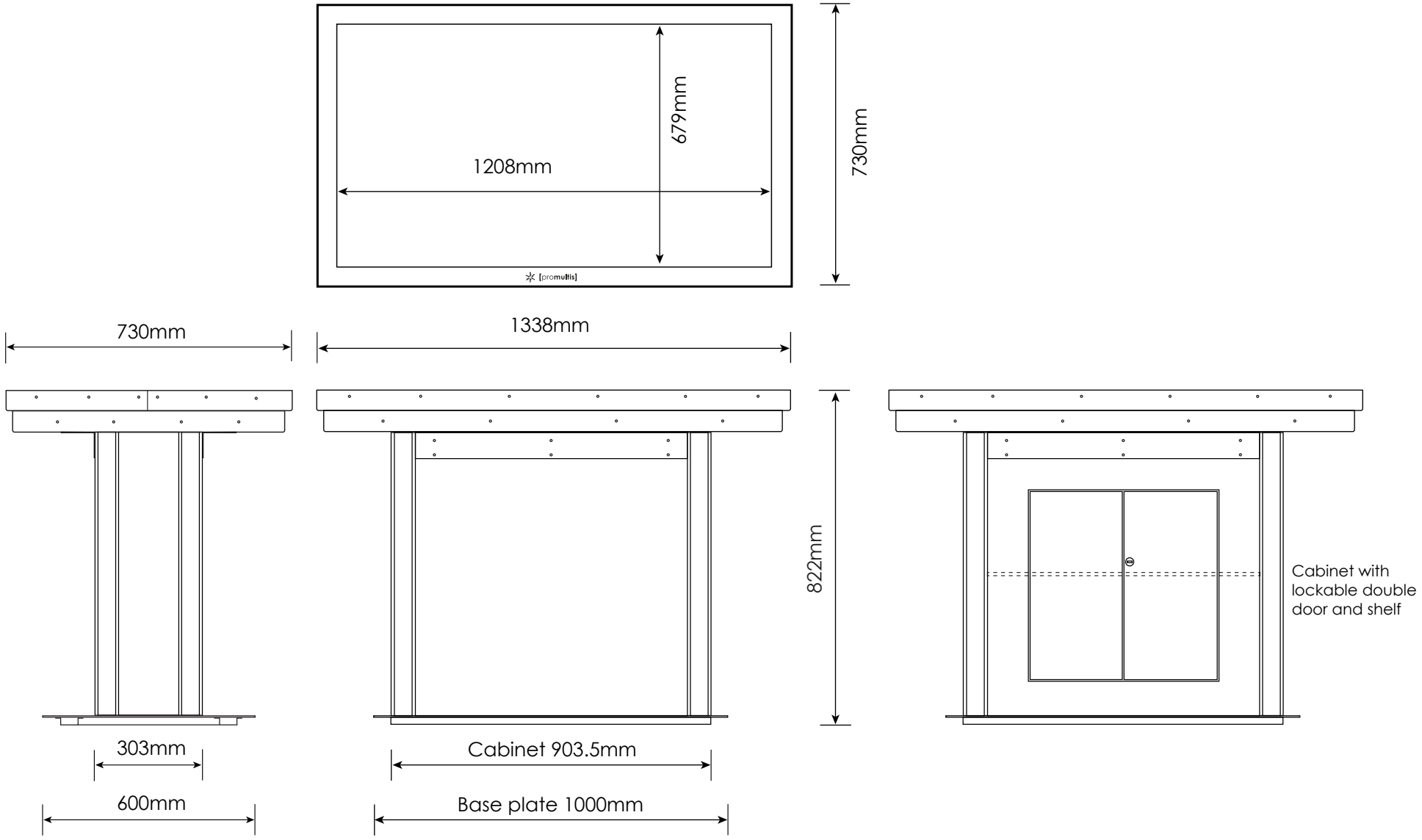
[promultis]

65” Uno Table with projected capacitive interactive area



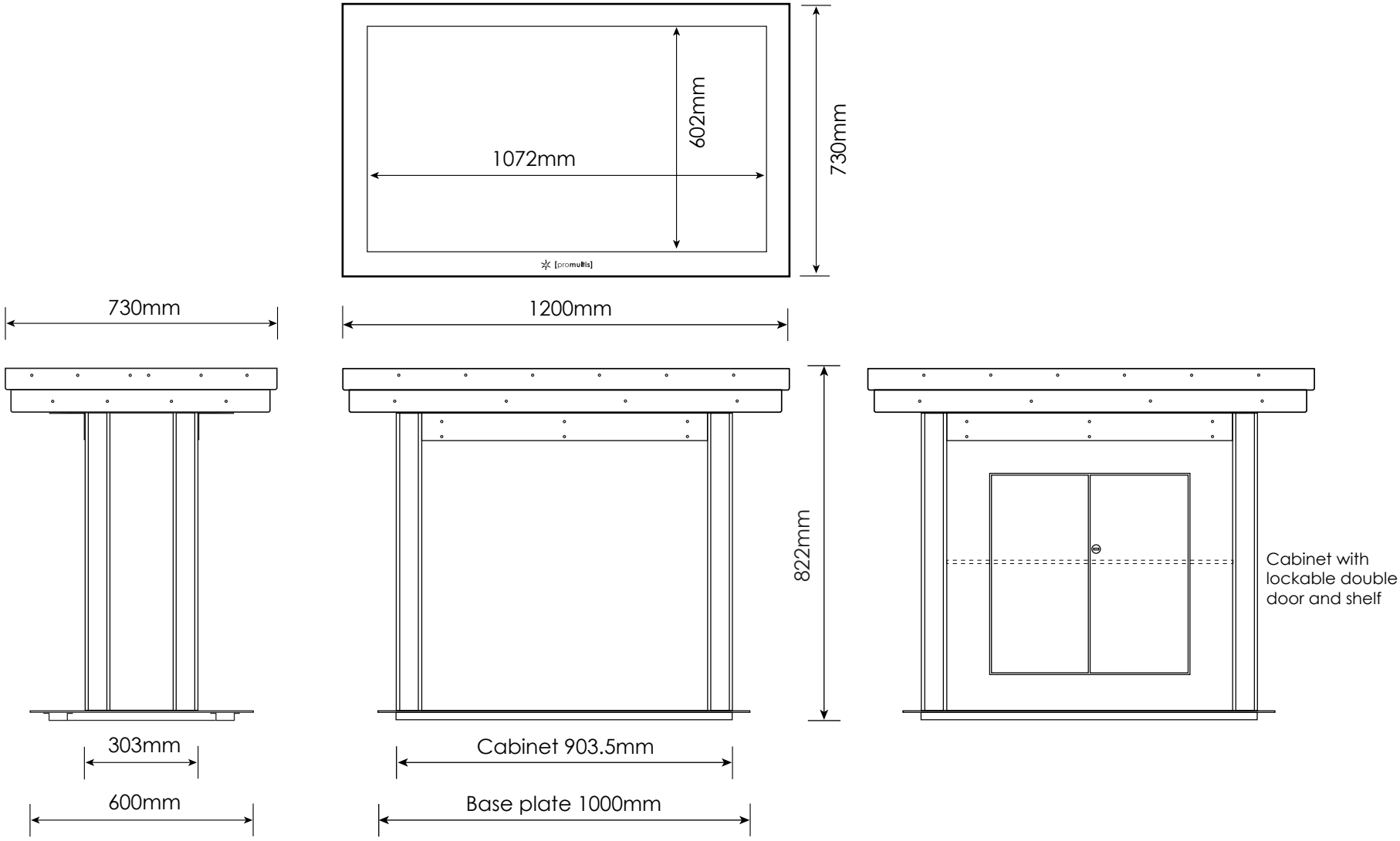
[promultis]

55” Uno Table with projected capacitive interactive area



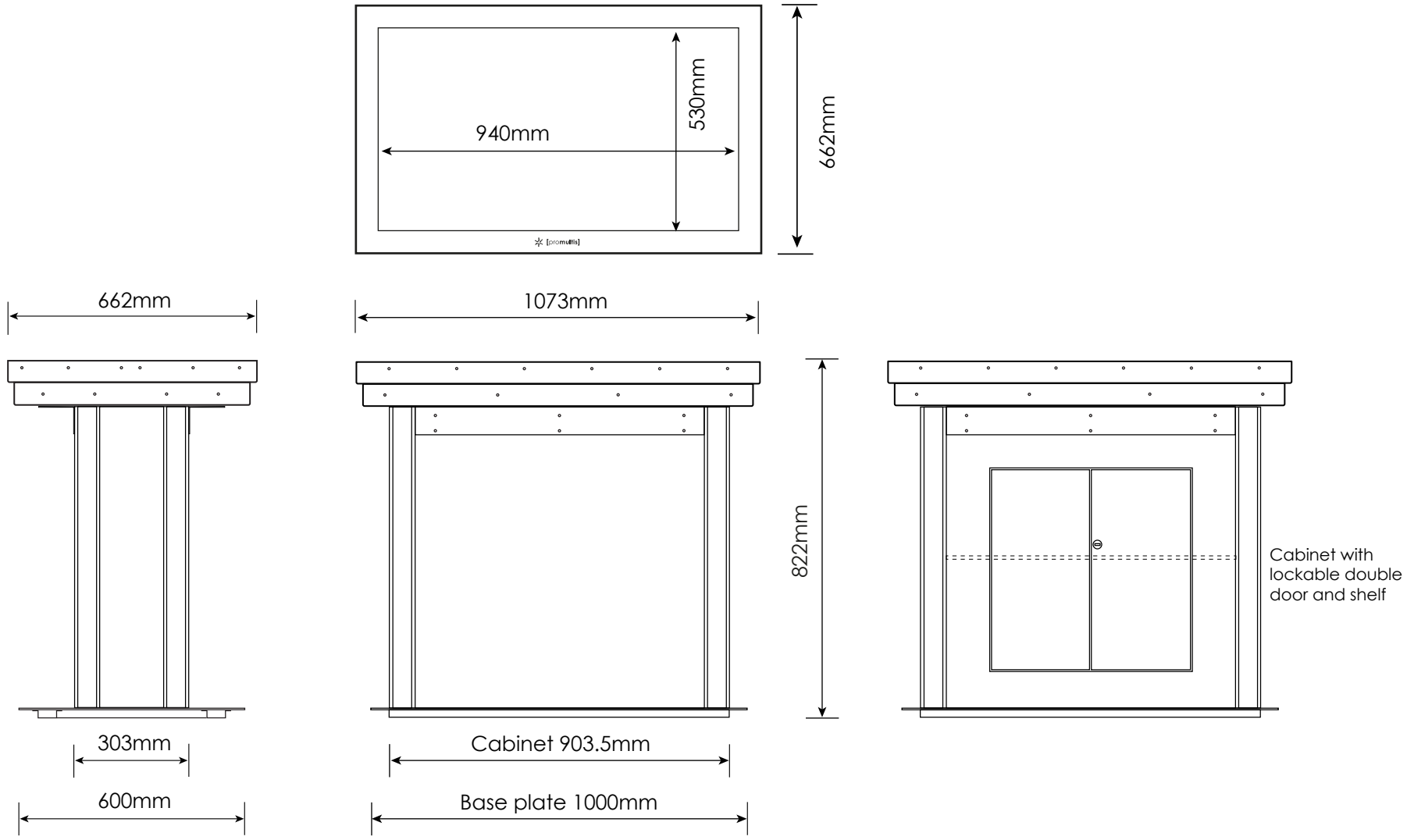
[promultis]

49” Uno Table with projected capacitive interactive area



[promultis]

43” Uno Table with projected capacitive interactive area



[promultis]

Uno Elite Table

Large electric height adjustable collaborative table with easy access from all sides.
Ideal for Conference Rooms, Hospitality Suites, Training Areas and Trade Shows.

55" TO 86" INTERACTIVE AREAS AVAILABLE

10 OR 100 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

EASY ACCESS ALL SIDES

4K UHD, BACK-LIT LED SCREEN

10 OR 32 TOUCH POINTS WITH INFRARED TECHNOLOGY

TEMPERED GLASS

INTEGRATED Wi-Fi

OPTIONAL i5 or i7 PC

ELECTRIC HEIGHT ADJUSTABLE

SECURE PC COMPARTMENT AND CABLE MANAGMENT

HDMI AND USB CONNECTIVITY

3 YEAR ON-SITE WARRANTY

STEELITE INTERNATIONAL MADE IN BRITAIN MADE FOR LIFE

MAGICVIU MULTITOUCH SOLUTIONS

For more exciting multitouch products visit
www.magicviu.com

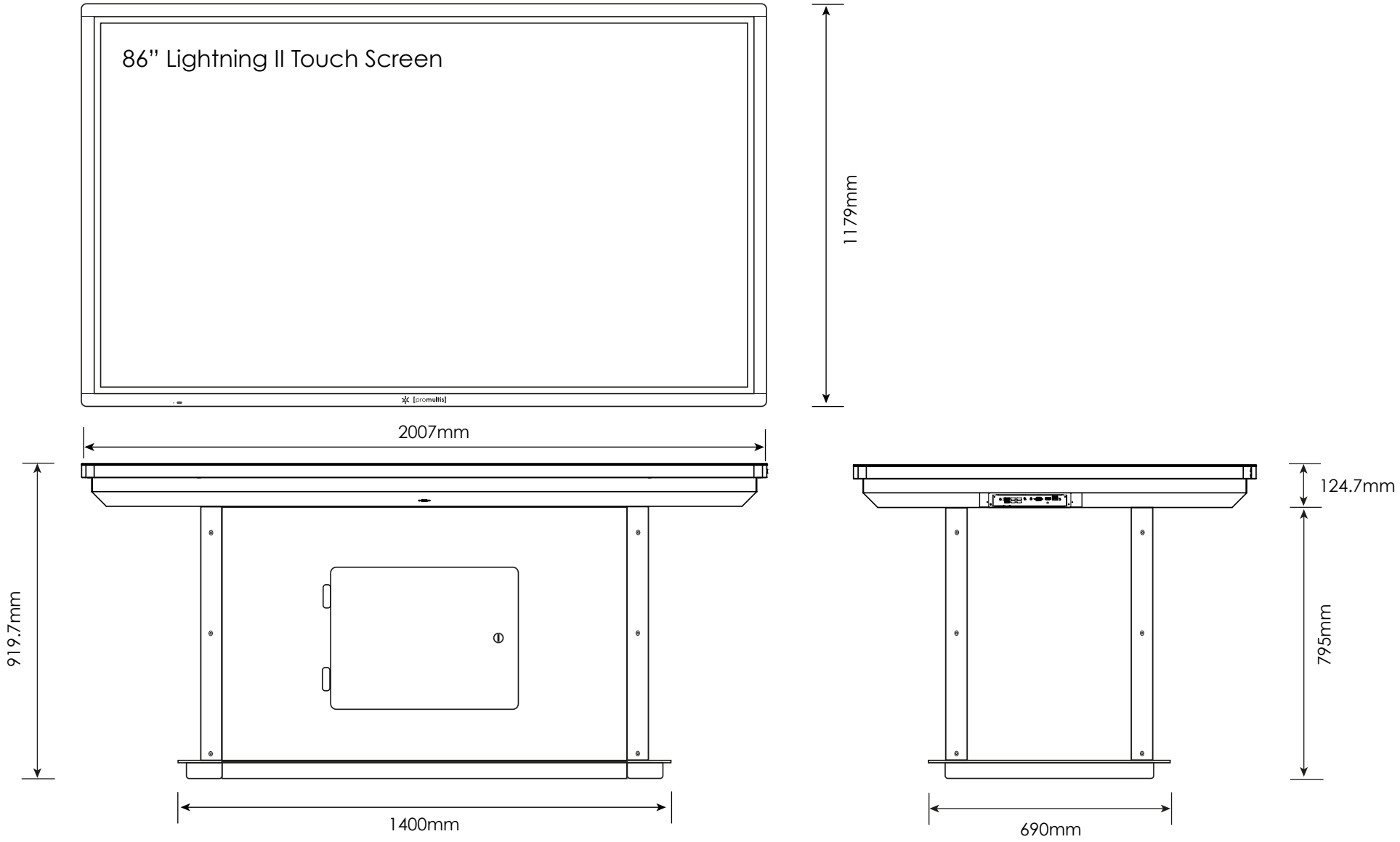
CHASSIS FEATURES	
Materials	Aluminum & Steel
Glass type	Toughened
Lockable Cabinet	Cable Mangement and PC shelf
Base	Heavy Duty Feet
Weight	180kg
PANEL	
Screen Options	55" | 65" | 75" | 85" | 86"
Panel resolution	4K UHD 3840 x 2160
Native resolution	3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	horizontal / vertical 178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speakers	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
Screen freeze function	On remote control
User manual	Included
WARRANTY	
3 year on-site warranty as standard	

PROJECTED CAPACITIVE TECHNOLOGY	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	10, 20 or 100
Noise Shielding	DISPLAX XTR-ShieldTM Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Substrate	Toughened Glass
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute
Sensor weight	260 g
Controller weight	60 g
PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
INFRARED TECHNOLOGY	
Detection method	InfraRed
Input method	Finger, Opaque object, Stylus
Number of simultaneous touches	10 or 32
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Accuracy	±2mm
Interface	USB 2.0

For more exciting multitouch products visit
www.magicviu.com

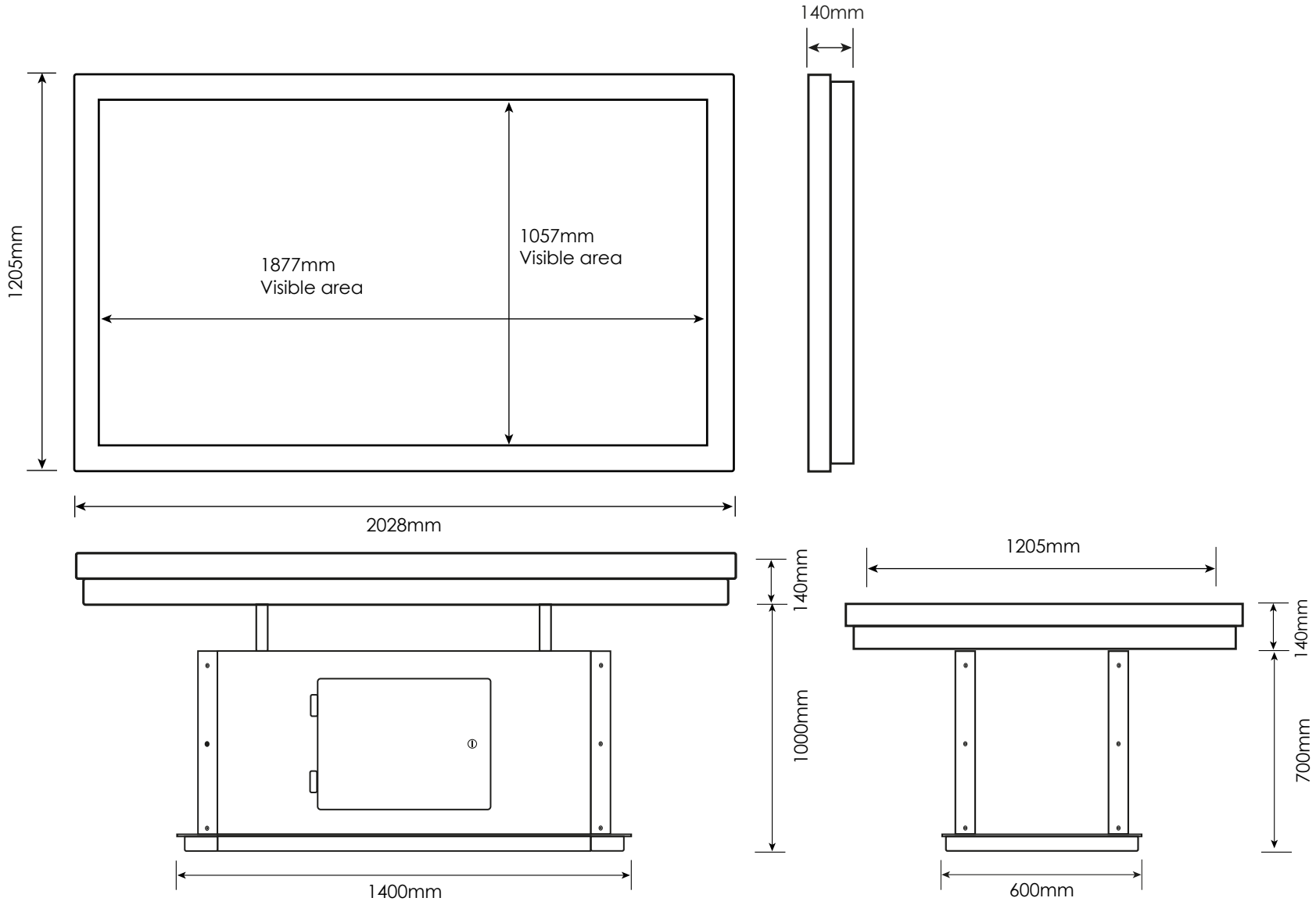
[promultis]

86” Uno Table
with infrared interactive area



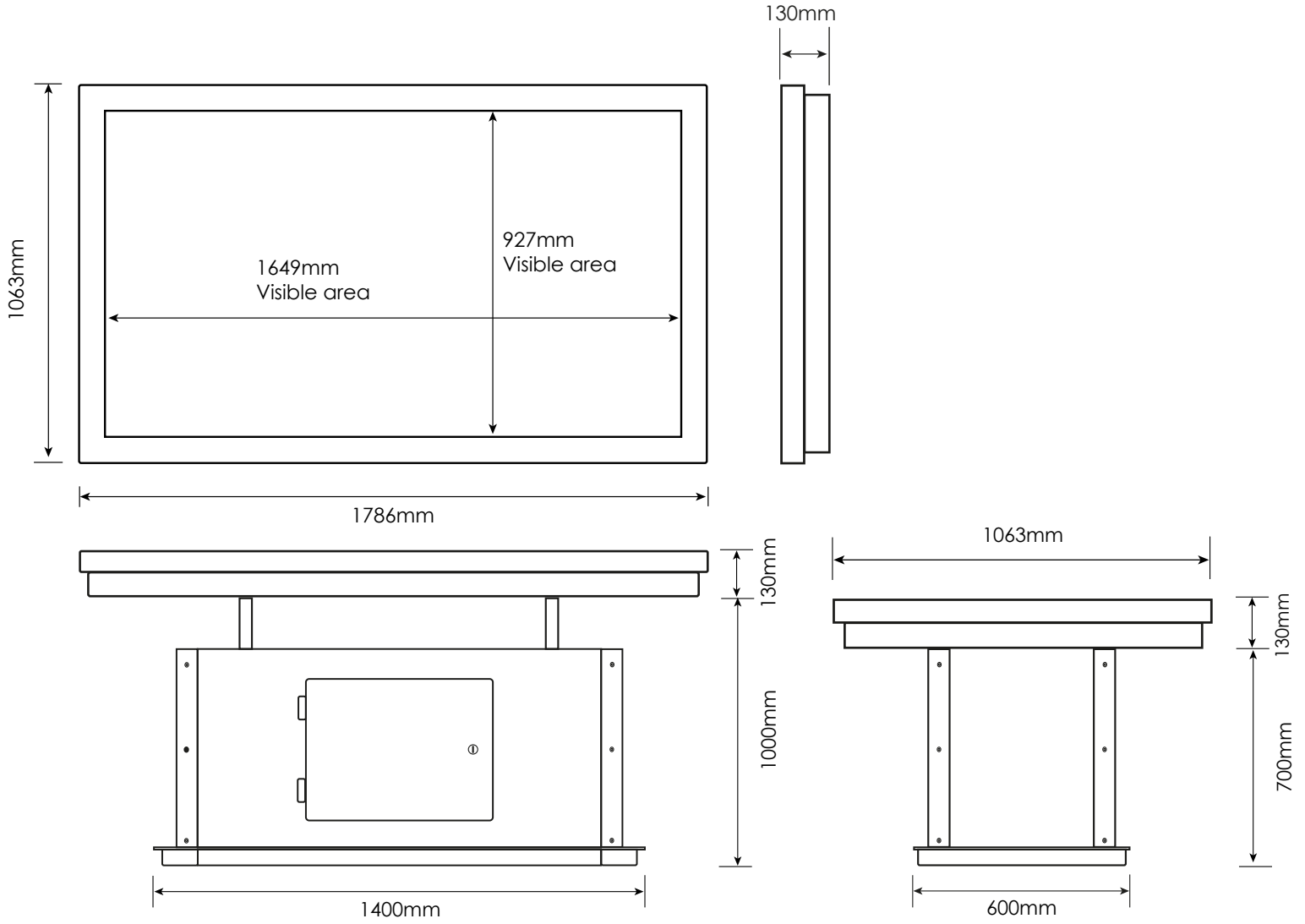
[promultis]

85” Uno Table with projected capacitive interactive area



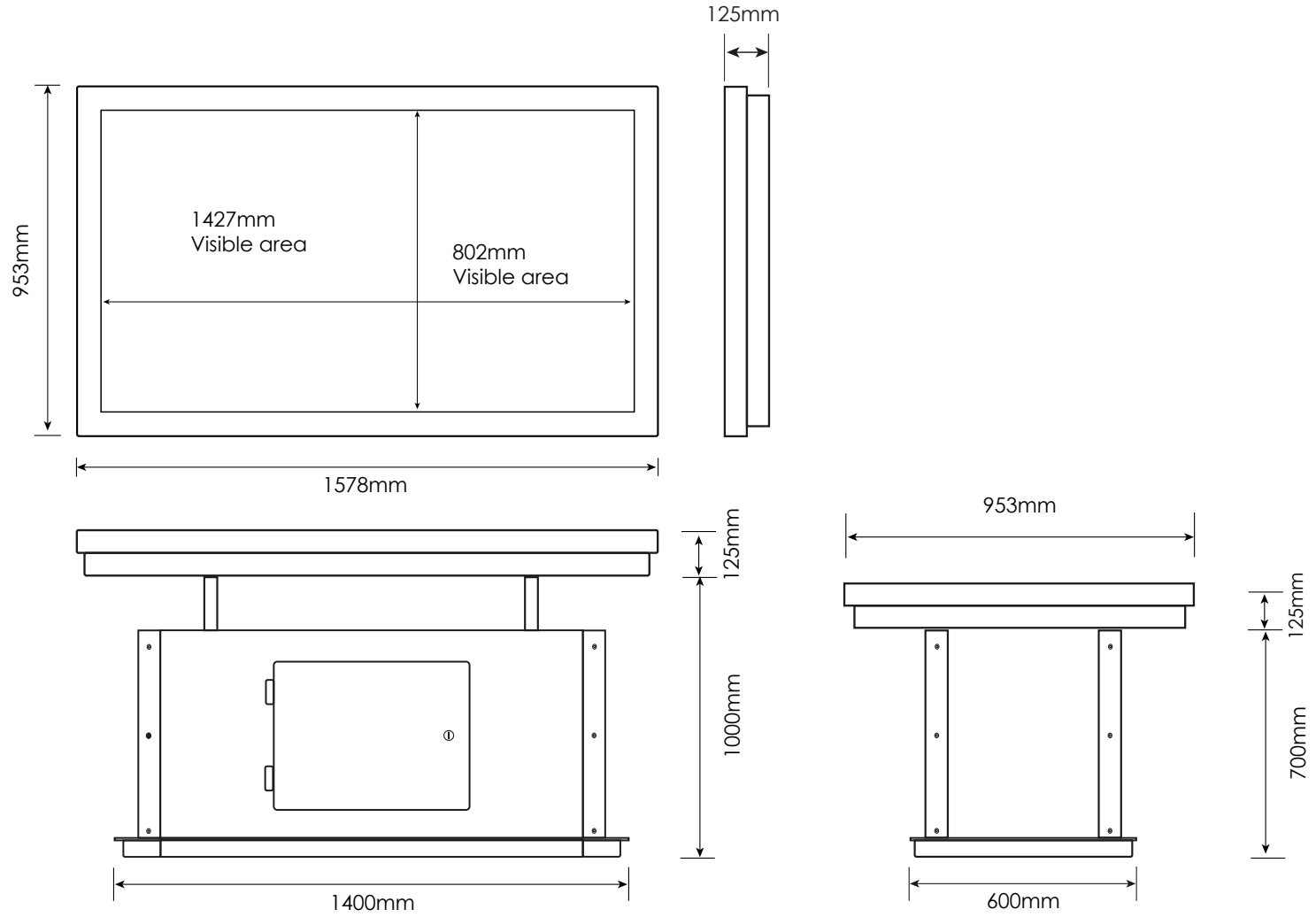
[promultis]

75” Uno Table with projected capacitive interactive area



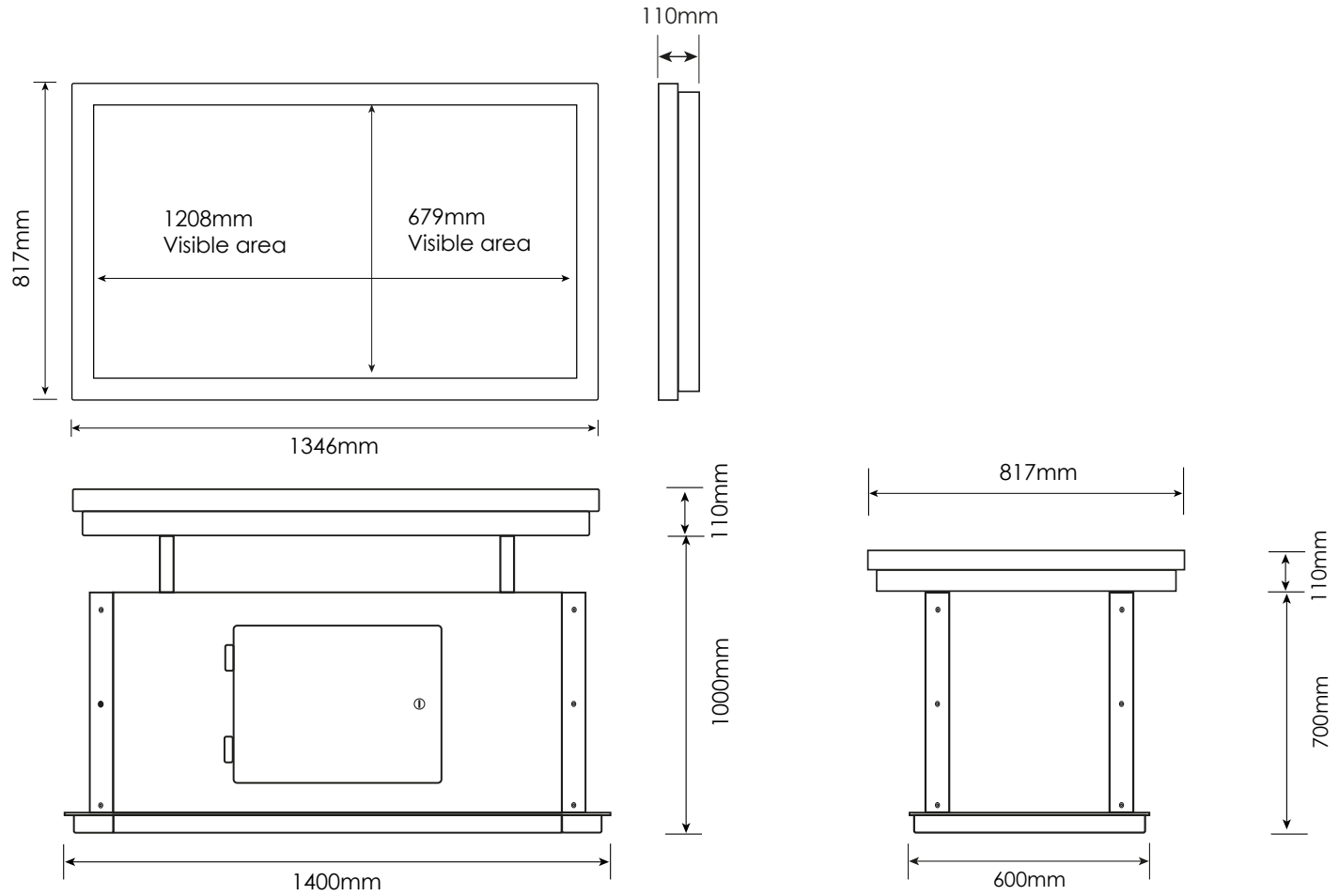
[promultis]

65” Uno Table with projected capacitive interactive area



[promultis]

55” Uno Table with projected capacitive interactive area



[promultis]

Touch X-table

The Promultis X-table is a complete multi touch, collaborative interactive surface solution that integrates the latest touch screen technology into a stunning looking table.

MADE IN BRITAIN

STEELITE INTERNATIONAL

MADE FOR LIFE

100 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

TEMPERED GLASS

55" INTERACTIVE AREA

4K ULTRA HD

1080 HD or 4K UHD, BACK-LIT LED SCREEN

32 TOUCH POINTS WITH INFRARED

DISCREET PC COMPARTMENT AND CABLE MANAGMENT

EXTERNAL USB PORTS

X-TABLE HEIGHT 660MM
800MM EXTENDED LEGS AVAILABLE

OPTIONAL i5 or i7 PC

STURDY ALUMINIUM FRAME

HDMI, VGA AND USB CONNECTIVITY

3 YEAR REPAIR OR REPLACE WARRANTY

For more exciting multitouch products visit www.magicviu.com

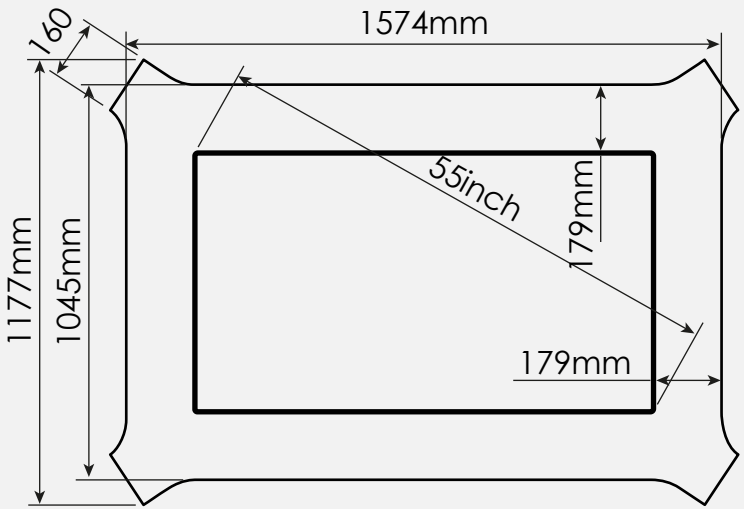
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
Enclosure	PC and Cable Mangement
Base	4 Floor Levelling Castors
PANEL	
Interactive area	55"
Panel resolution	1080p HD or 4K UHD
Native resolution	1920x1080 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

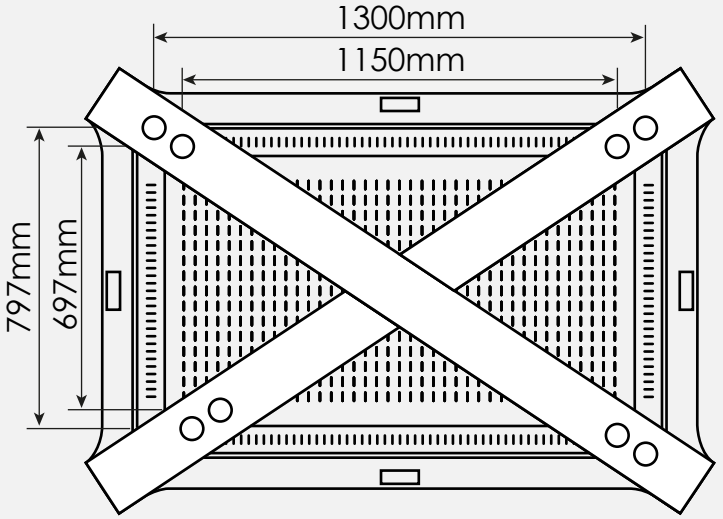
INFRA RED TOUCH	
Touch Points	10 & 20
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

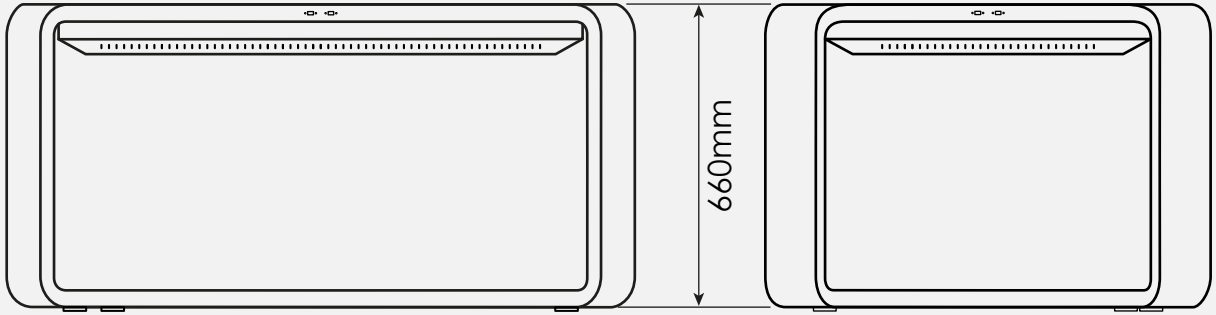
PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

[promultis]

55” Touch X-table







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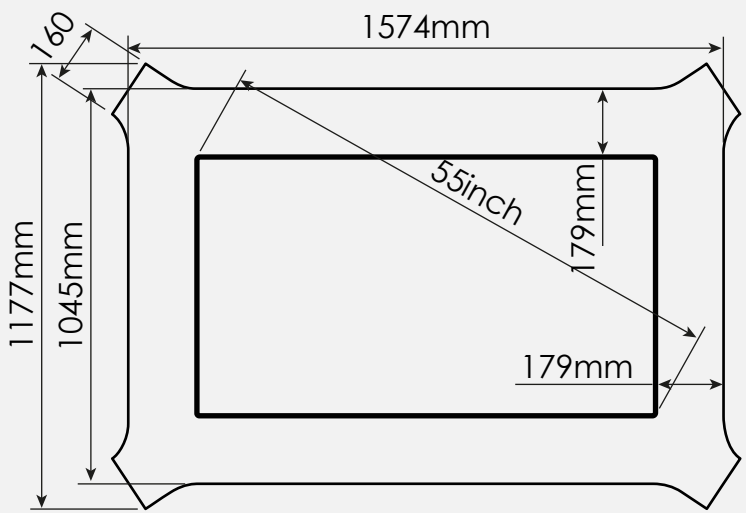
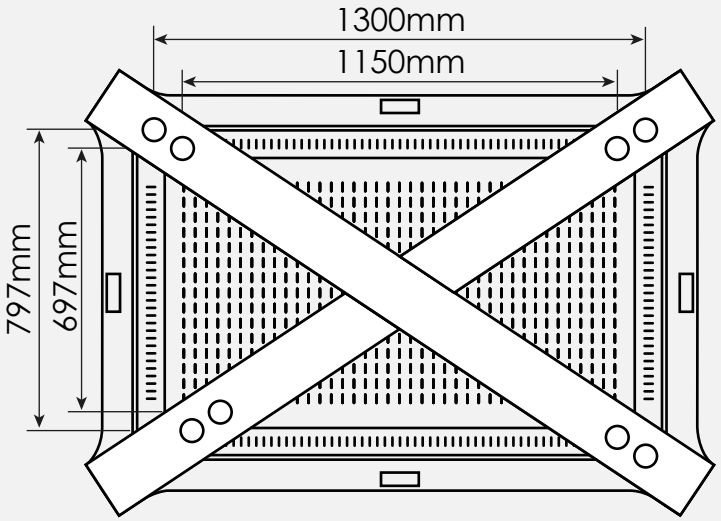
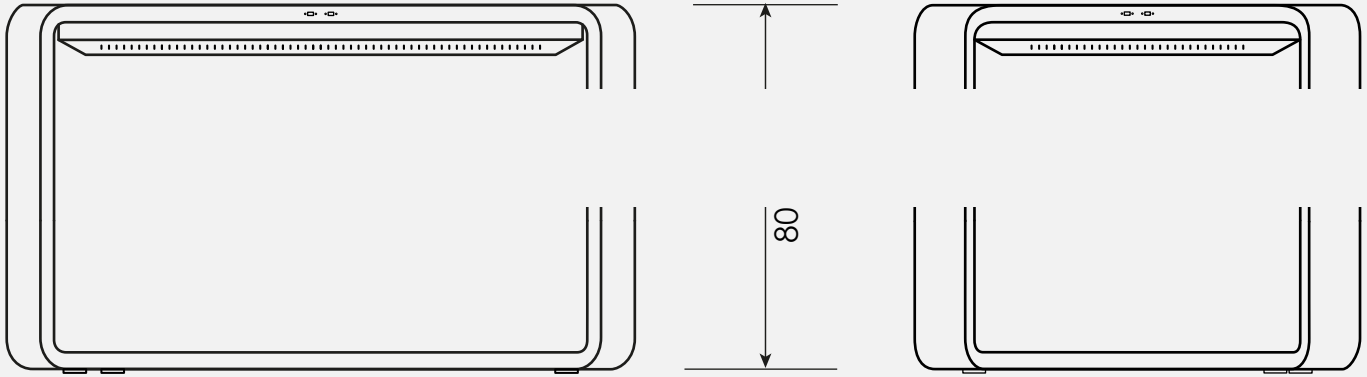
[promultis]

55” Touch X-table with extended legs







[promultis]

Insert

Pre-packaged multitouch solution that can be incorporated into your own designed facility, be it a table, cabinet or vertical installation.

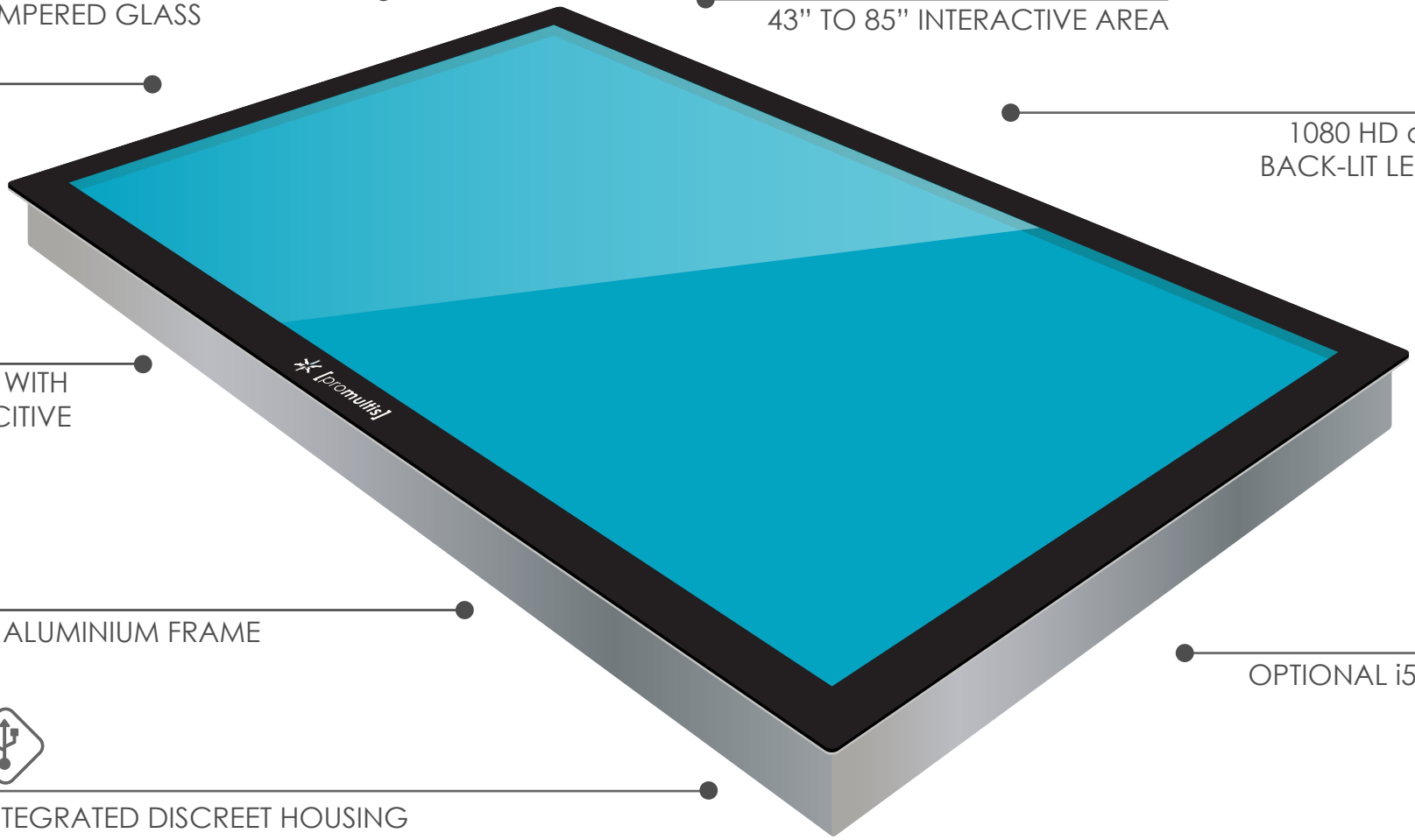
TEMPERED GLASS

43" TO 85" INTERACTIVE AREA

32 TOUCH POINTS
WITH INFRARED

4K ULTRA HD

1080 HD or 4K UHD,
BACK-LIT LED SCREEN



100 TOUCH POINTS WITH
PROJECTED CAPACITIVE
TECHNOLOGY

STURDY ALUMINIUM FRAME

OPTIONAL i5 or i7 PC

INTEGRATED DISCREET HOUSING
FOR CONNECTIVITY AND CABLING

1 YEAR ON-SITE WARRANTY

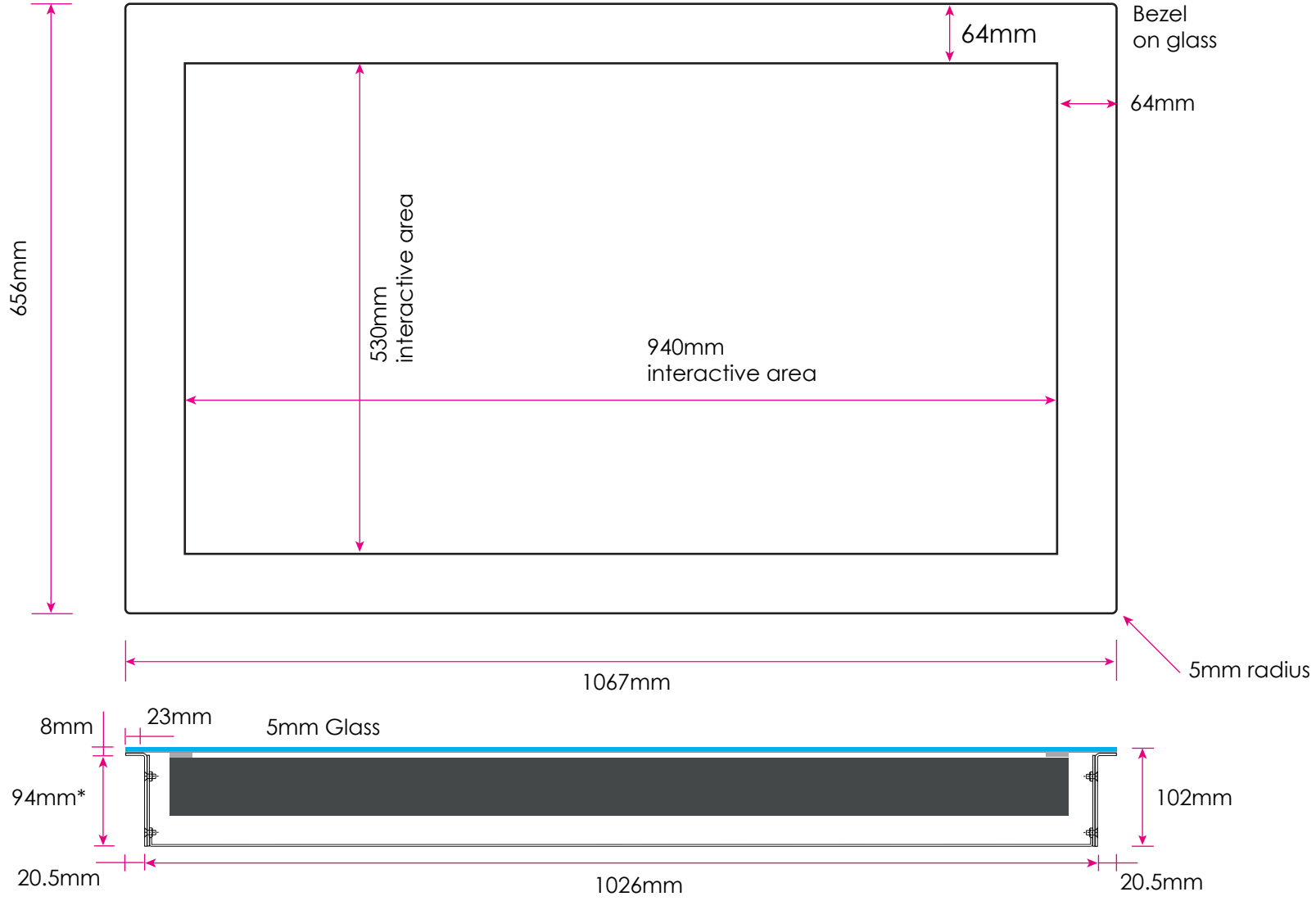
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
PANEL	
Interactive area	42" | 48" | 49" | 55" | 65" | 75" | 85"
Panel resolution	1080p HD or 4K UHD 3840 x 2160
Native resolution	1080x1920 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	10, 16/20 & 32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

[promultis]

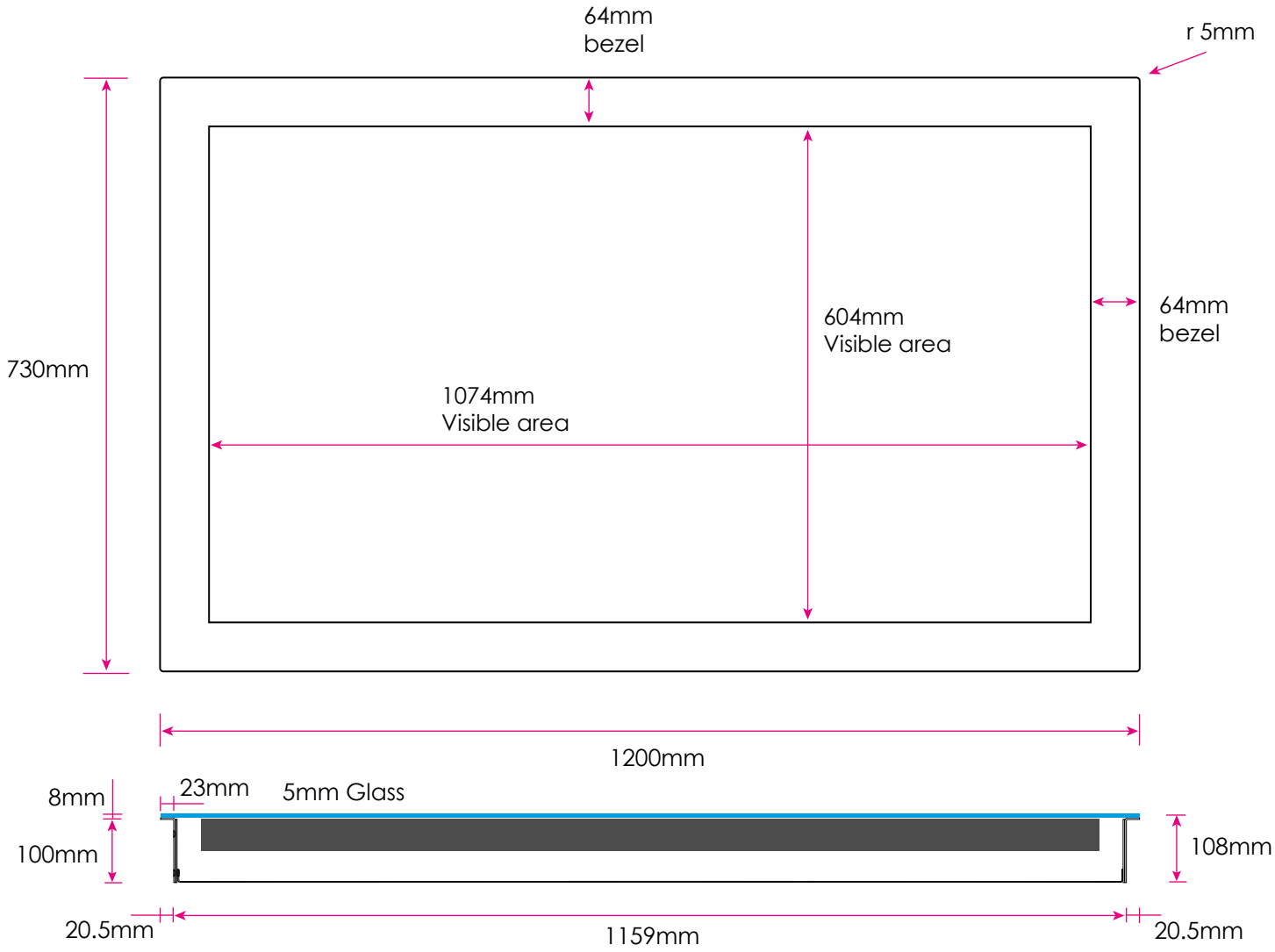
Insert
with 43” interactive area



*Please note height will vary due to monitor depth

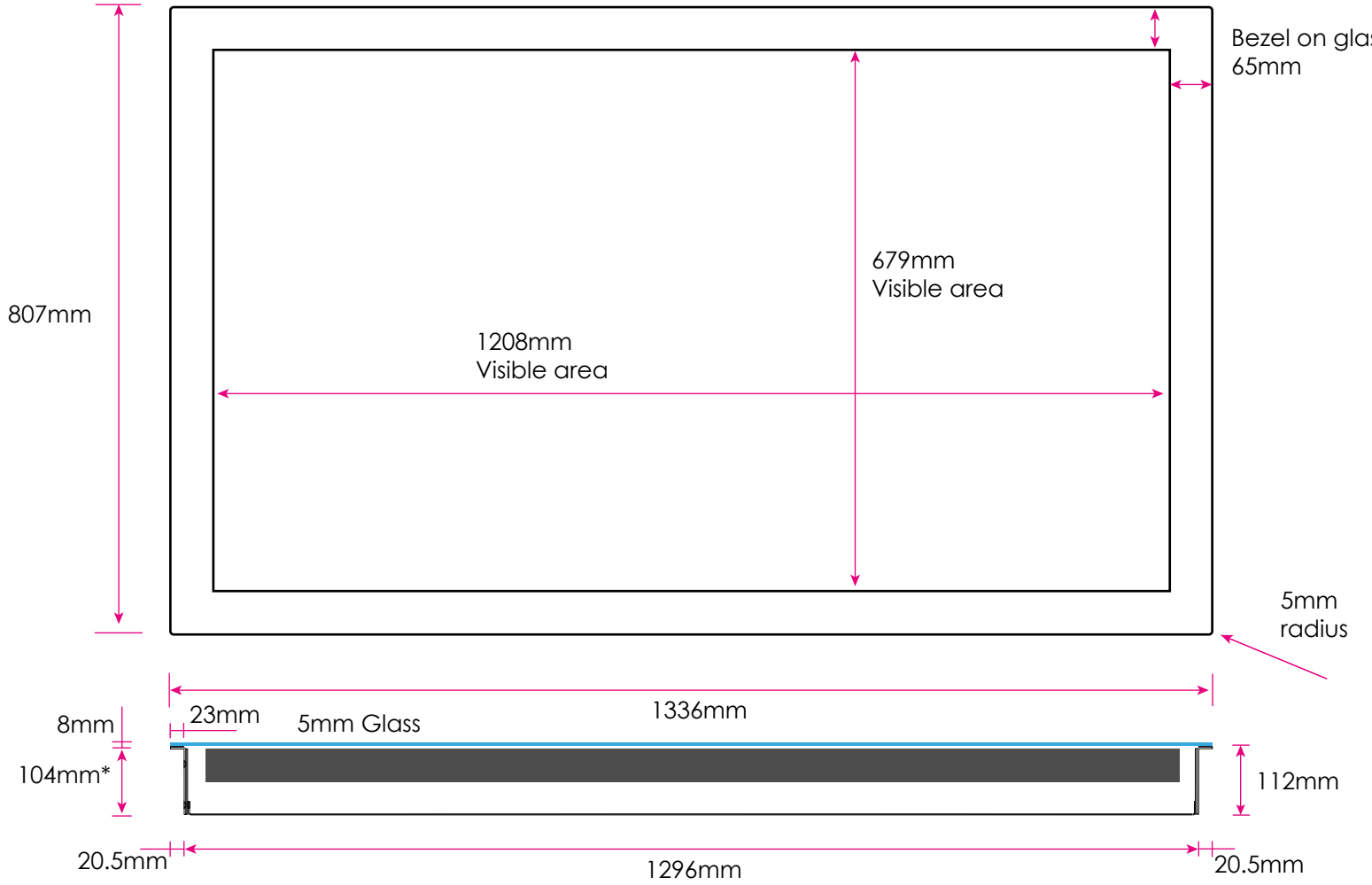
[promultis]

Insert
with 49” interactive area



[promultis]

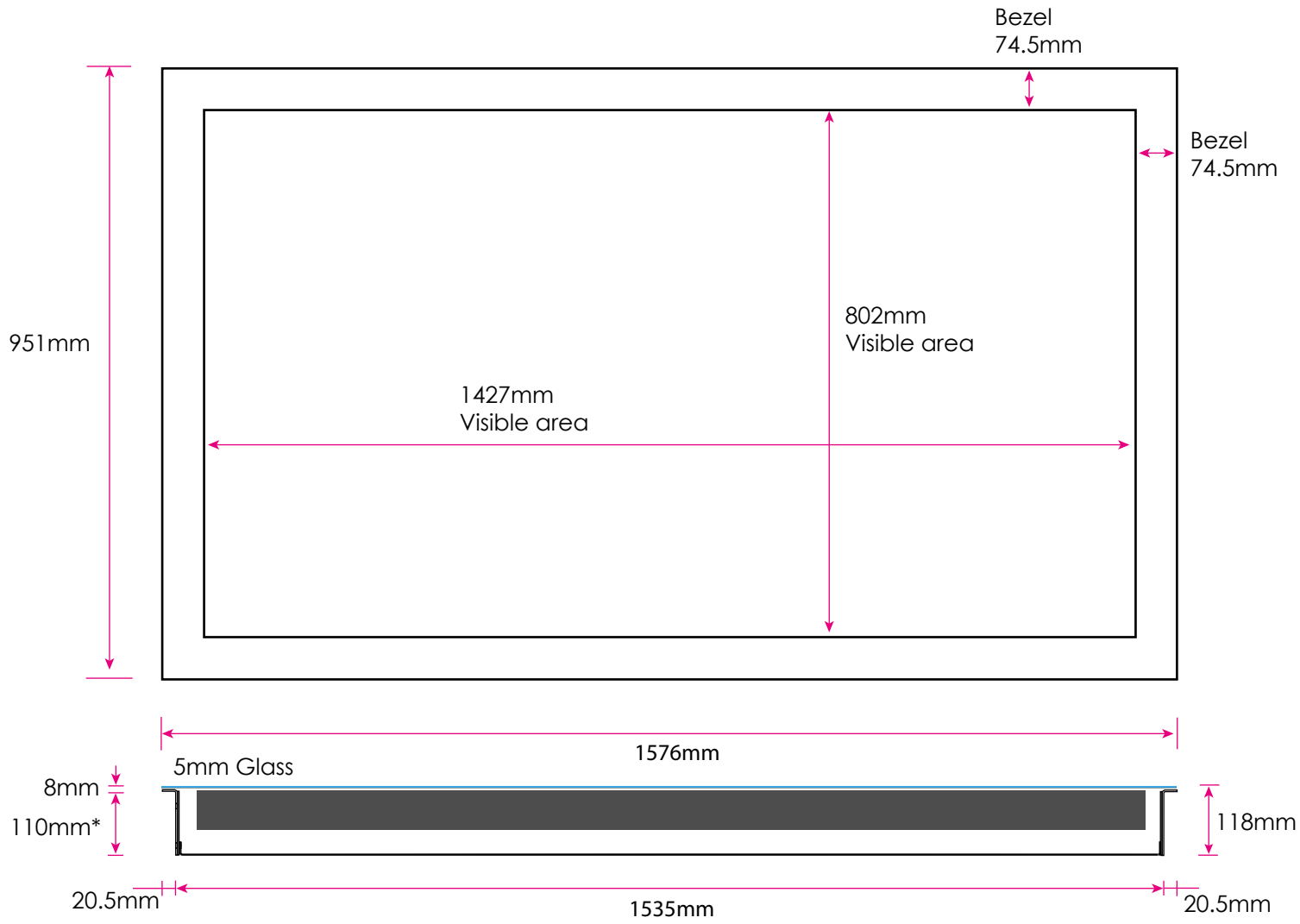
Insert
with 55” interactive area



*Please note height will vary due to monitor depth

[promultis]

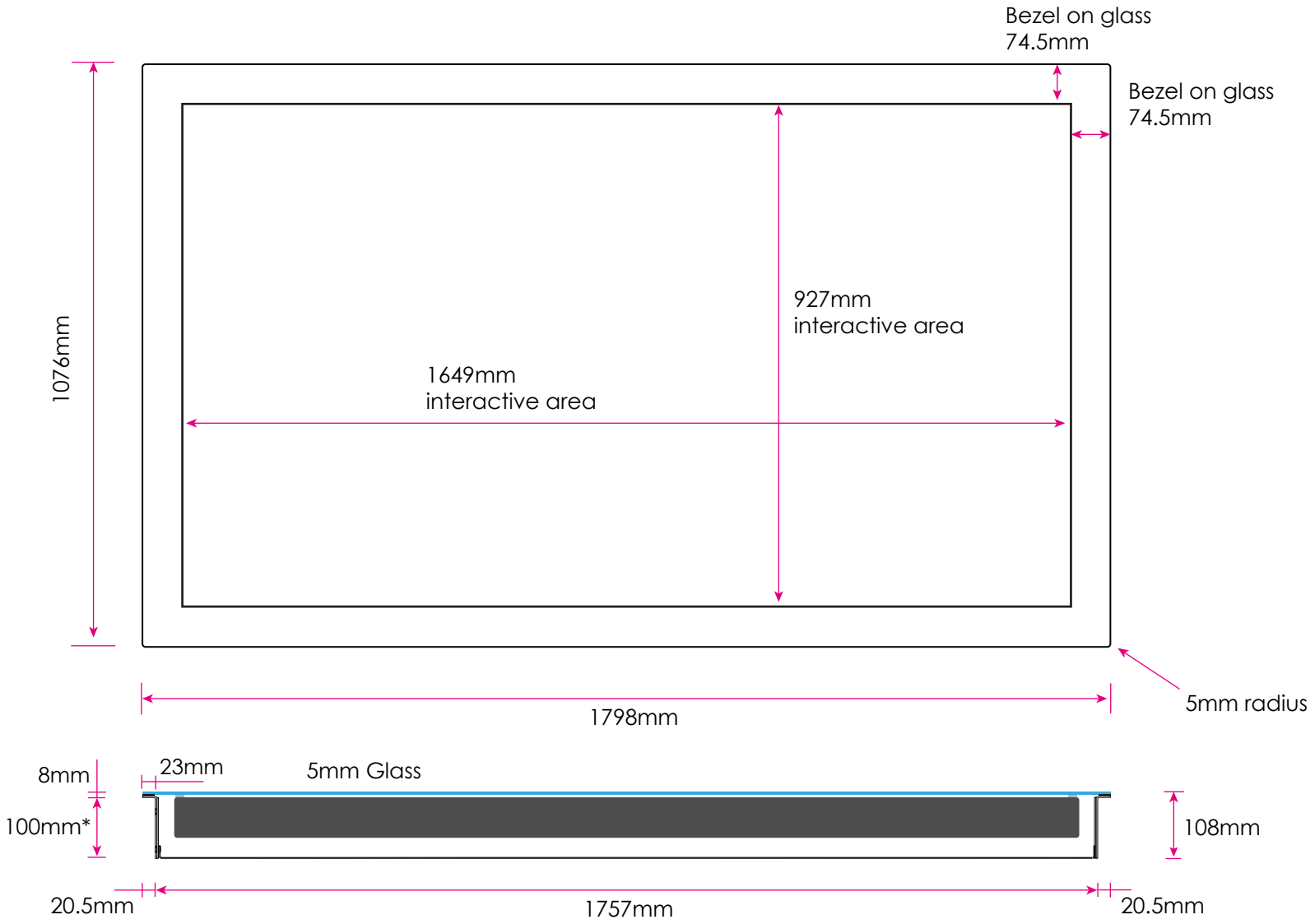
Insert
with 65” interactive area



*Please note height will vary due to monitor depth

[promultis]

Insert
with 75" interactive area



*Please note height will vary due to monitor depth

[promultis]

Insert
with 85” interactive area

[promultis]

Outdoor Touch Screen with air conditioning unit

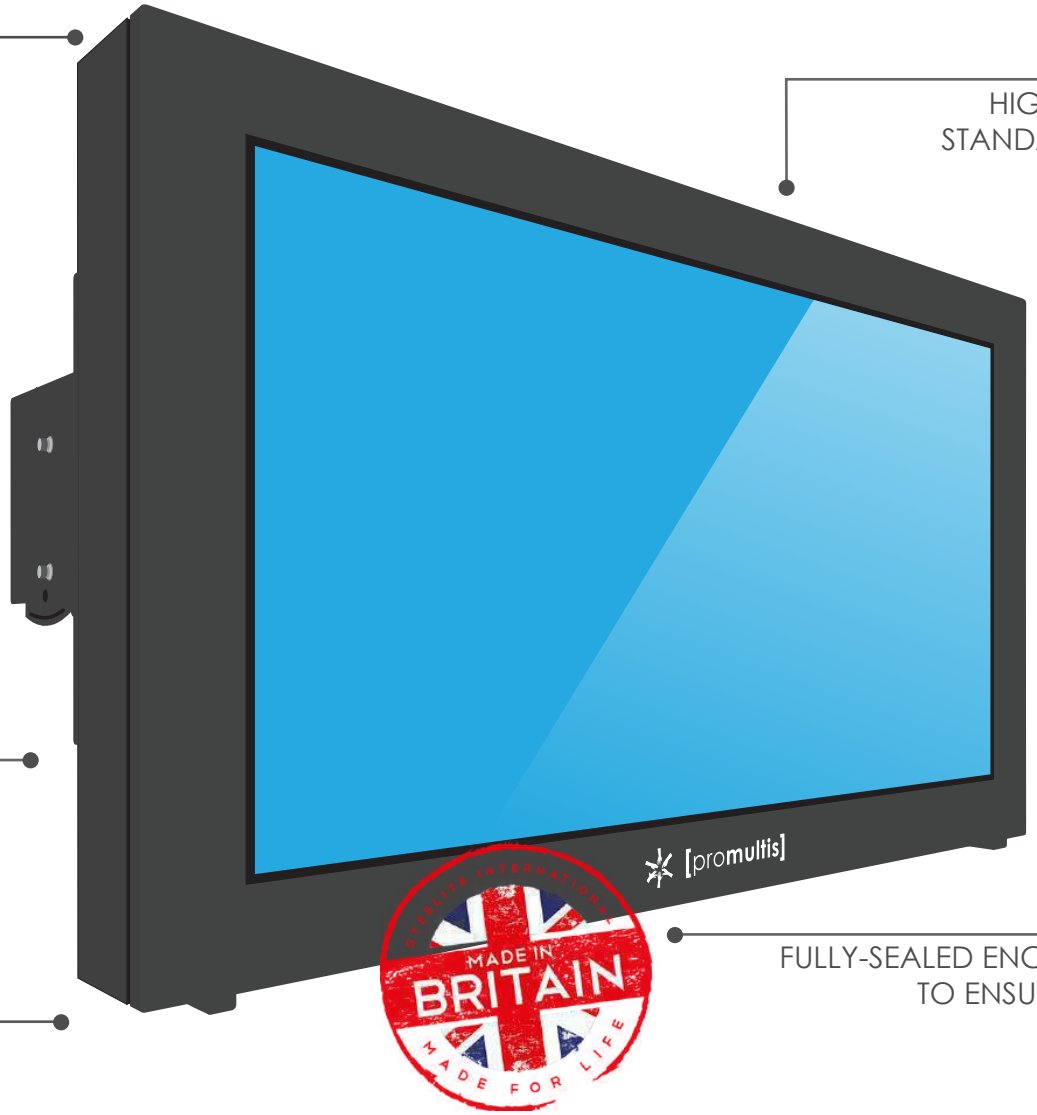
10 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

IP65 ANTENNAS, ROUTER AND 3G CARD OPTIONS

ADJUSTABLE BRACKET

SECURE ENCLOSURE WITH LOCKS

1 YEAR ON-SITE WARRANTY



HIGH BRIGHTNESS, LED HD SCREEN STANDARD 1500 NITS AND UP TO 2500

6MM ANTI-GLARE AR SAFE GLASS

OPTIONAL DIGITAL SIGNAGE PLAYER

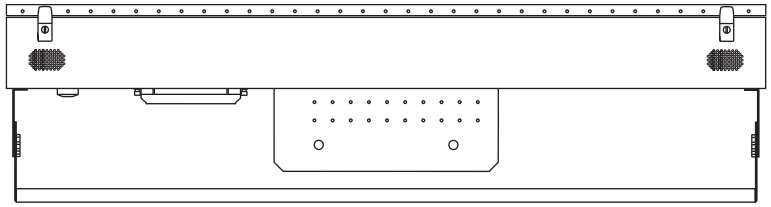
AIR CONDITIONING UNIT

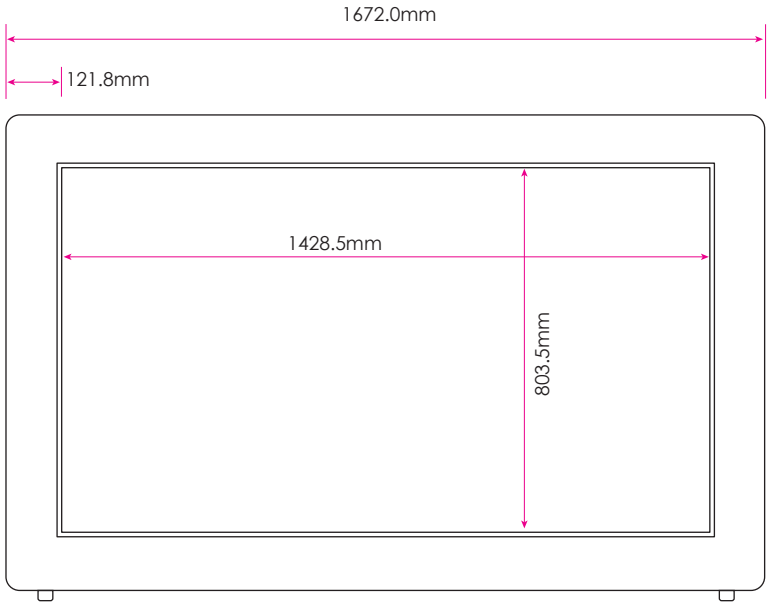
FULLY-SEALED ENCLOSURE WITH IP65 COMPLIANCE TO ENSURE DUST FREE AND WATERPROOF

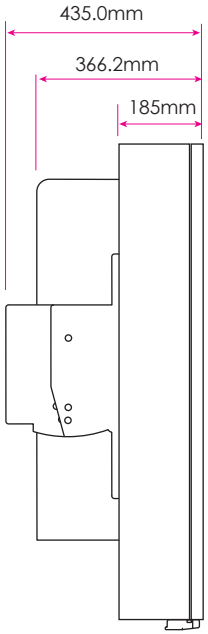
Inside Promultis Outdoor Screen with aircon

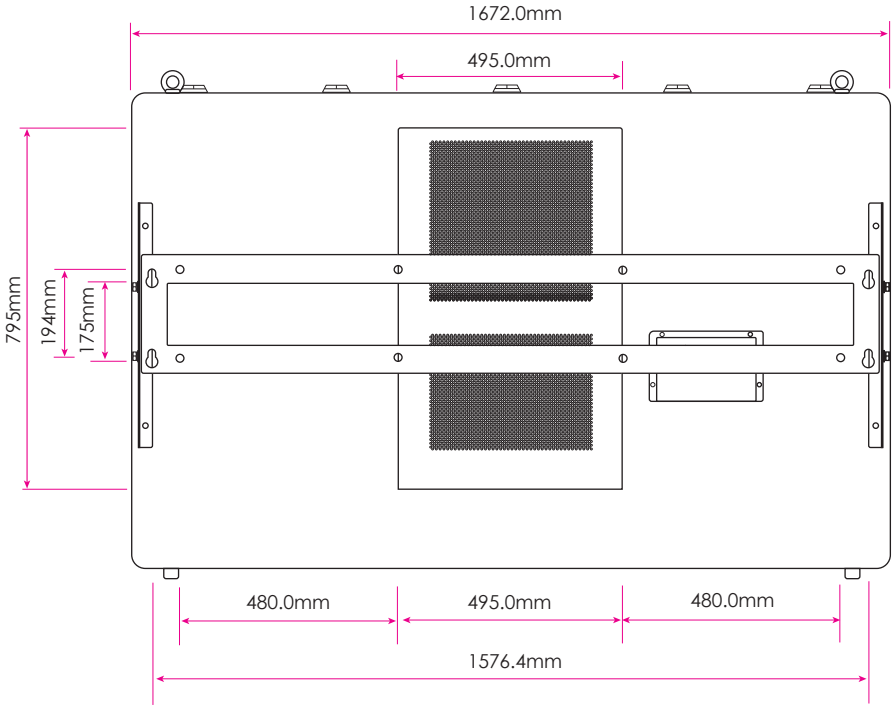
[promultis]

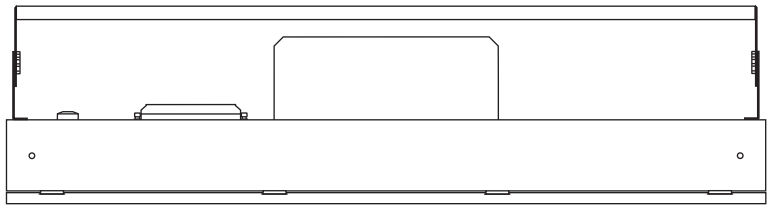
65inch Outdoor Screen with air conditioning unit





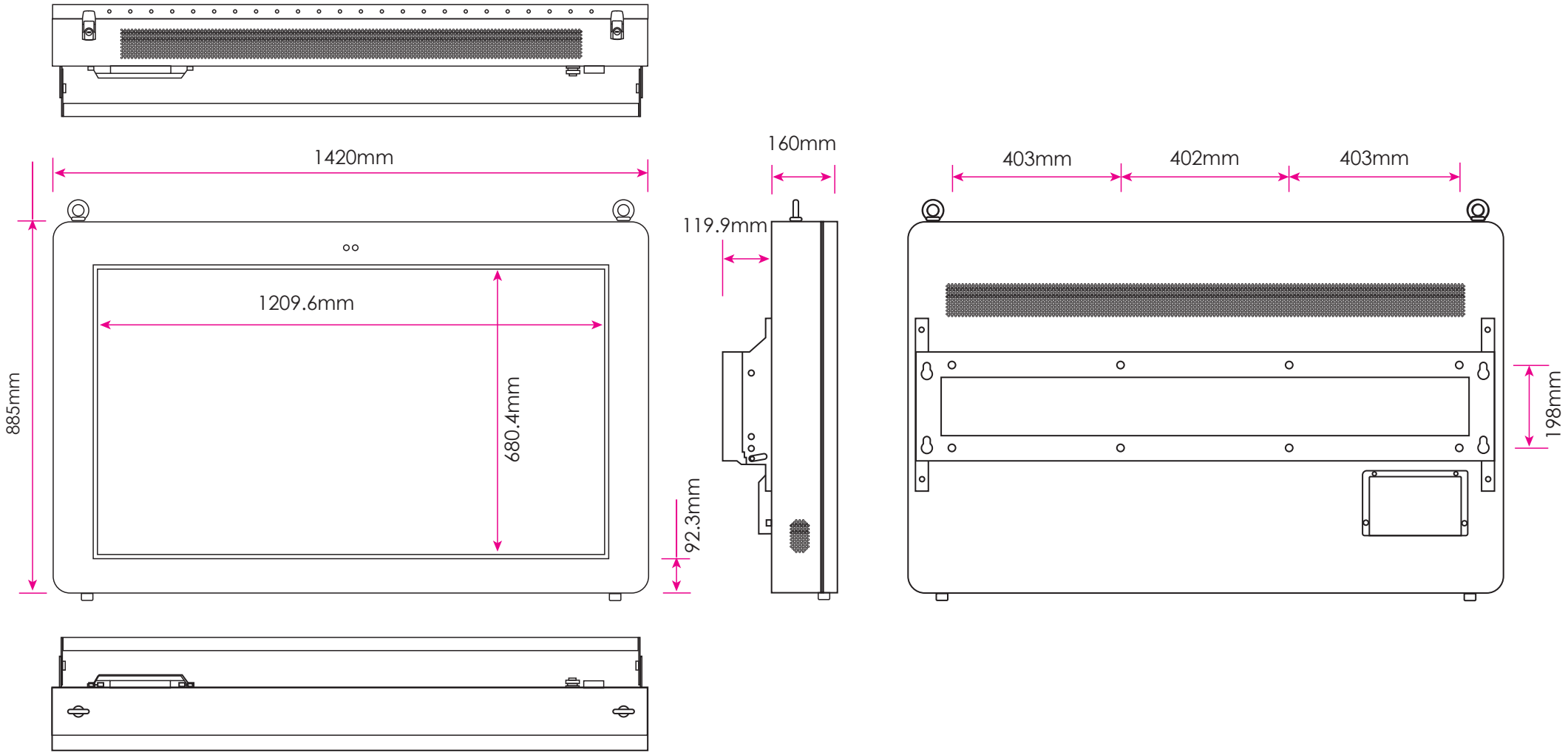






[promultis]

55inch Outdoor Screen with cooling fans



[promultis]

Outdoor Touch Screen with cooling fans

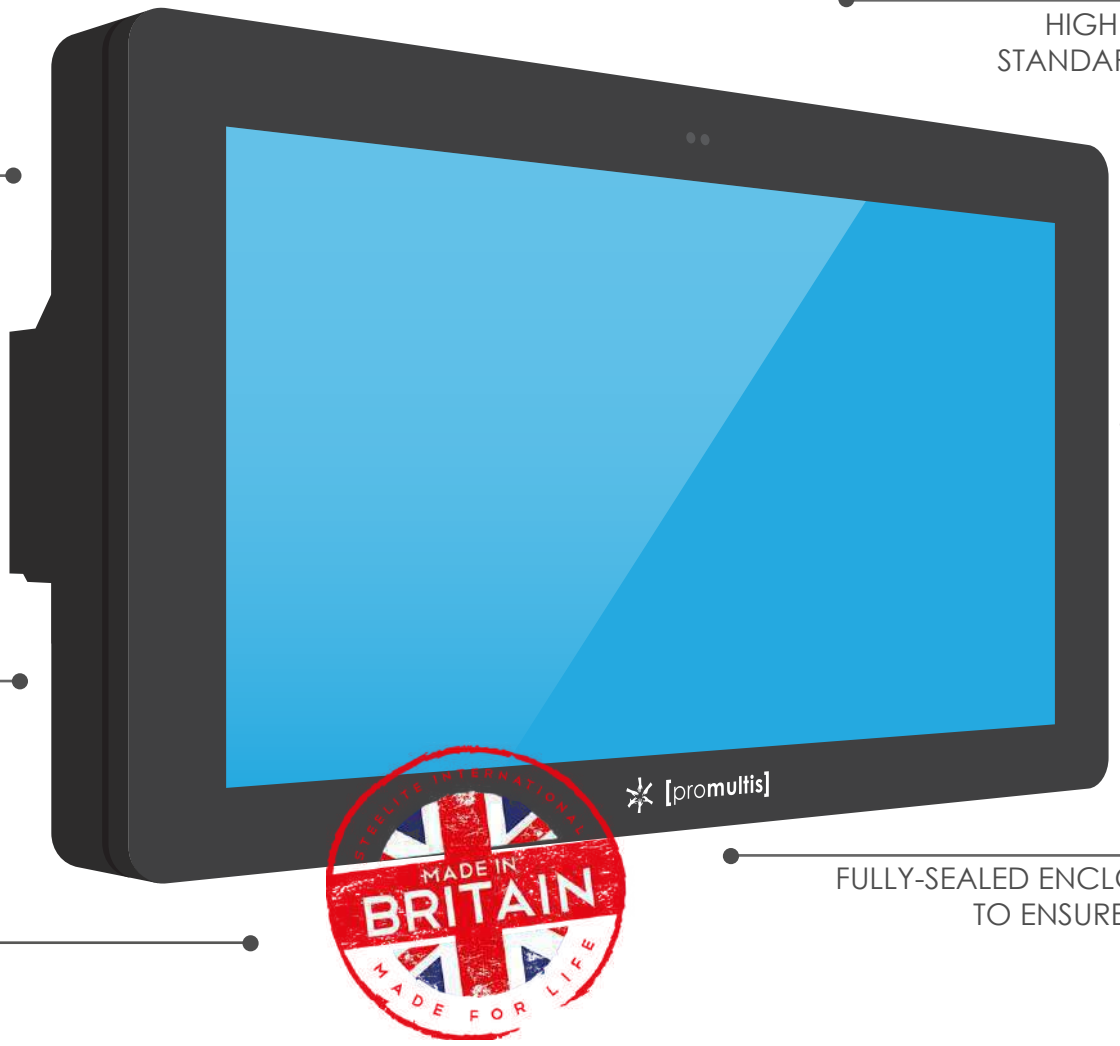
10 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

IP65 ANTENNAS, ROUTER AND 3G CARD OPTIONS

ADJUSTABLE BRACKET

SECURE ENCLOSURE WITH LOCKS

1 YEAR ON-SITE WARRANTY



HIGH BRIGHTNESS, LED HD SCREEN STANDARD 1500 NITS AND UP TO 2500

6MM ANTI-GLARE AR SAFE GLASS

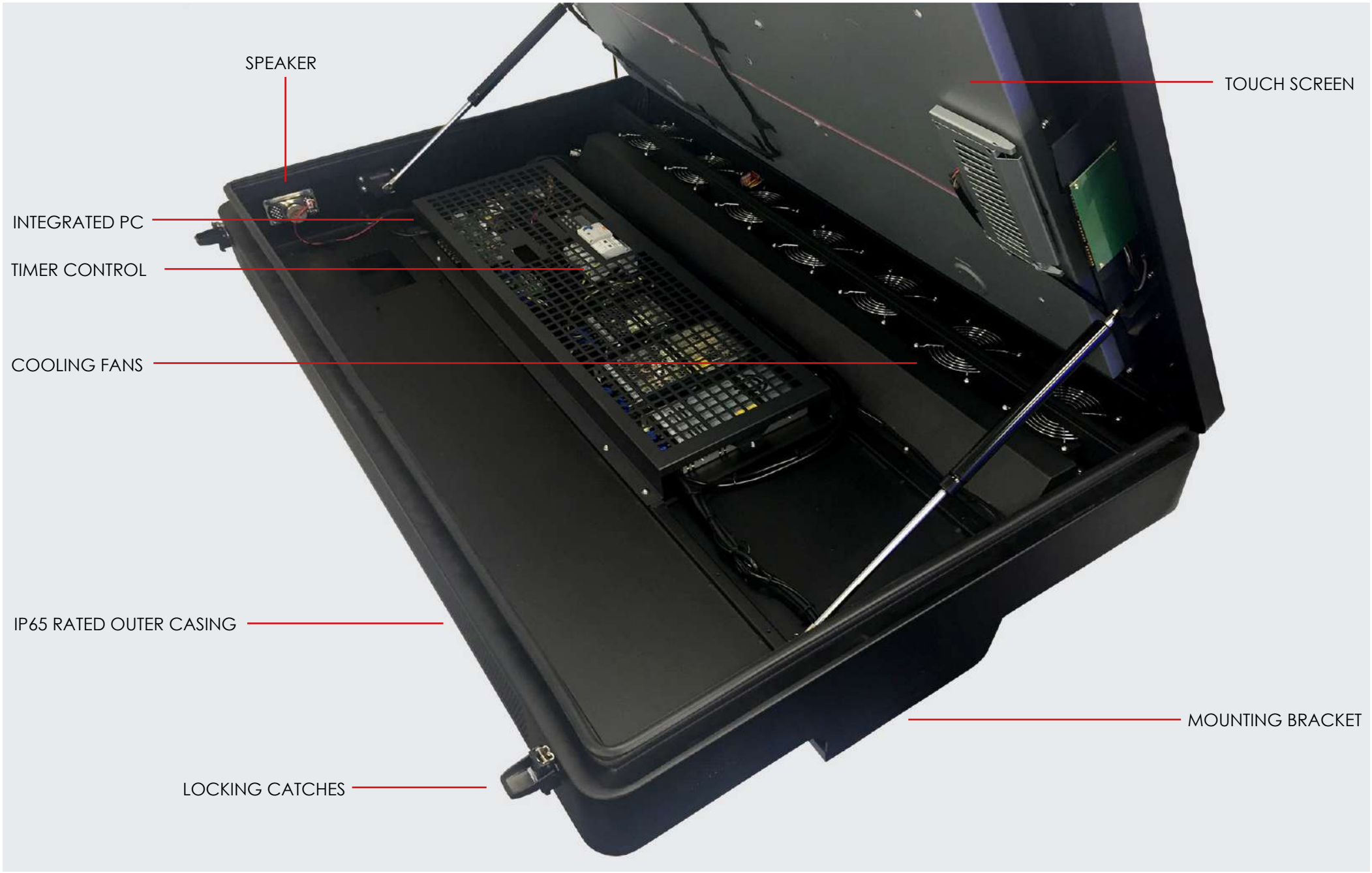
INTEGRATED PC WITH WINDOWS OPS

BUILT-IN FANS COOLING SYSTEM

FULLY-SEALED ENCLOSURE WITH IP65 COMPLIANCE TO ENSURE DUST FREE AND WATERPROOF

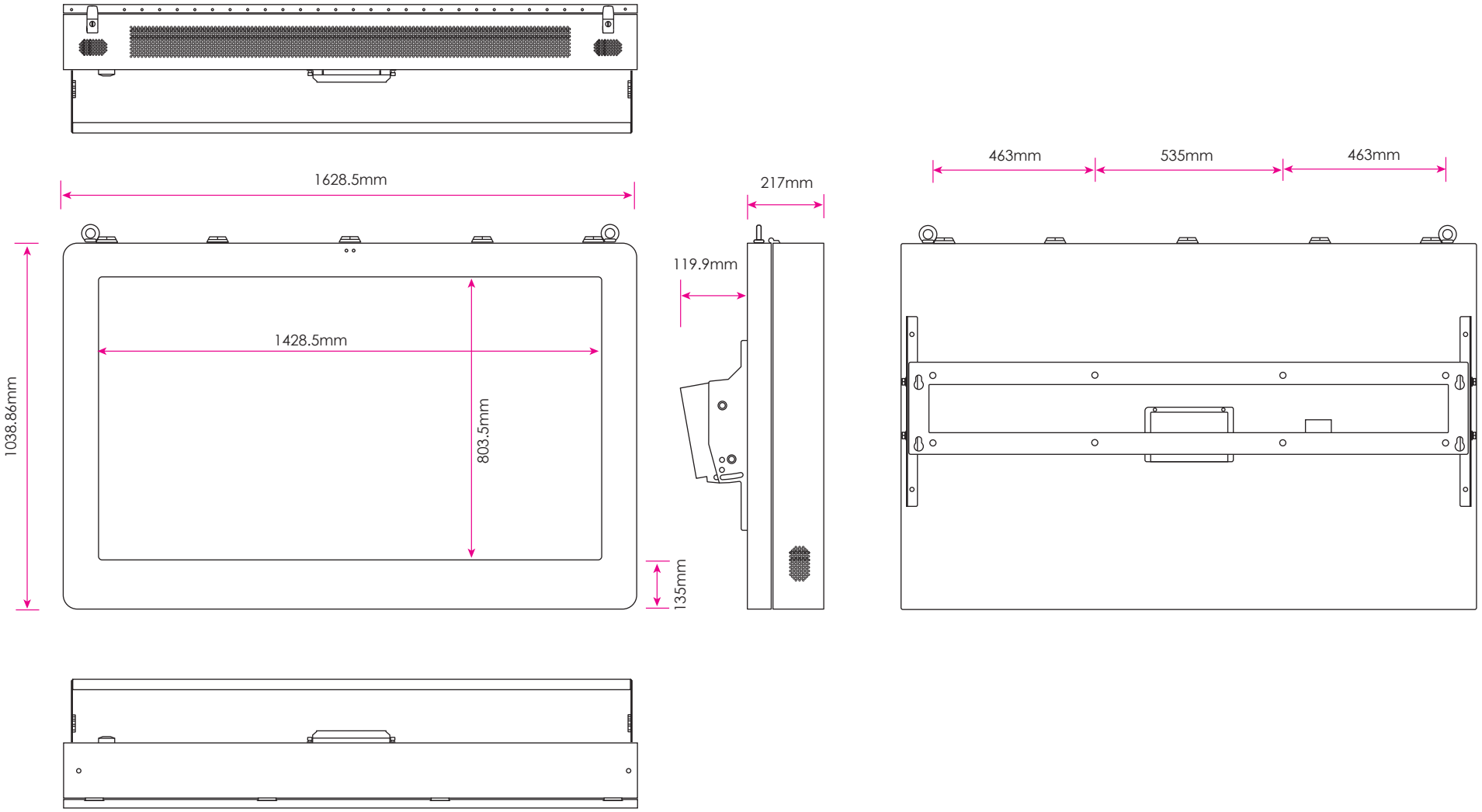
Model						
Size	32''	42''	47''	55"	65"	75"
Visible screen	697 x 392mm	930 x 523mm	1039 x 584mm	1209 x 680mm	1428.5 x 803.5mm	1428.5 x 928mm
Display Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Resolution	1366 pixels x 768 pixels	1920x1080 pixels HD	1920x1080 pixels HD	1920x1080 pixels HD	1920x1080 pixels HD	1920x1080 pixels HD
Brightness	1500-2500 cd/m²	1500-2500 cd/m²	1500-2500 cd/m²	1500-2500 cd/m²	1500-2500 cd/m²	1500-2500 cd/m²
Contrast Ratio	4000:1	4000:1	4000:1	4000:1	4000:1	4000:1
Viewing Angle	178 °/ 178 °	178 °/ 178 °	178 °/ 178 °	178 °/ 178 °	178 °/ 178 °	178 °/ 178 °
Operation Parameters						
Video Interface	VGA HDMI	VGA HDMI	VGA HDMI	VGA HDMI	VGA HDMI	VGA HDMI
Audio Interface	Input and output	Input and output	Input and output	Input and output	Input and output	Input and output
Brightness Control	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system
Temperature Control System	Intelligent fans cooling	Intelligent fans cooling	Intelligent fans cooling	Intelligent fans cooling	Intelligent fans cooling	Intelligent fans cooling
Operating Temperature	-35°C to +50°C	-35°C to +50°C	-35°C to +50°C	-35°C to +50°C	-35°C to +50°C	-35°C to +50°C
Operating Humidity	5% to 100%	5% to 100%	5% to 100%	5% to 100%	5% to 100%	5% to 100%
Power Supply	AC 108-115V	AC 108-115V	AC 108-115V	AC 108-115V	AC 108-115V	AC 108-115V
	AC 208-240V	AC 208-240V	AC 208-240V	AC 208-240V	AC 208-240V	AC 208-240V
Max Consumption	0.3 Kw	0.4KW	0.6KW	0.7KW	0.8KW	0.9KW
Waterproof Enclosure						
Protection Grade	IP65	IP65	IP65	IP65	IP65	IP65
Size (W*H*D)	860 x 550 x 240mm	1100 x 670 x 240mm	1200 x 740 x 240mm	1420 x 885 x 280mm	1628.5x1038.8x280mm	1820 x 1160 x 280mm
Gross weight	66kg	92kg	126kg	148kg	185kg	195kg
Installation	Back hanging or customised	Back hanging or customised	Back hanging or customised	Back hanging or customised	Back hanging or customised	Back hanging or customised
Protection Glass	6mm AR safe glass	6mm AR safe glass	6mm AR safe glass	6mm AR safe glass	6mm AR safe glass	6mm AR safe glass

Inside Promultis Outdoor Screen with fans



[promultis]

65inch Outdoor Screen with cooling fans



[promultis]

Outdoor Totem

WEATHER-PROOF IP RATED
STEEL ENCLOSURE

10 TOUCH POINTS WITH PROJECTED
CAPACITIVE TECHNOLOGY

INTEGRATED Wi-Fi

INTEL i5 PC, 4GB RAM, 120GB SSD,
WINDOWS 7/8/10

SECURE ACCESS PANELS WITH LOCKS

INTERNAL SPEAKERS

1 YEAR ON-SITE WARRANTY

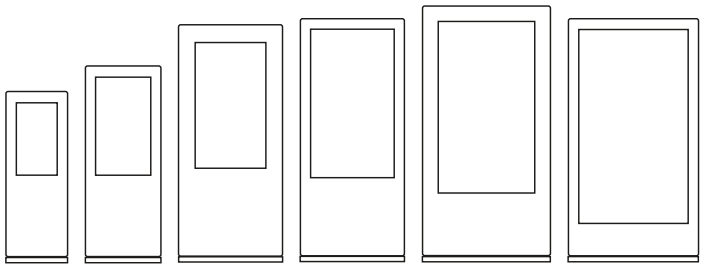
SINGLE OR DOUBLE SIDED

HIGH BRIGHTNESS, LED HD SCREEN
STANDARD 1500 NITS AND UP TO 3500 NITS

6MM SECURE TEMPERED GLASS
WITH ANTI-GLARE OPTION

BUILT-IN FANS OR
AIR CONDITIONING OPTIONS

COMPLIANCE WITH FCC AND CE
TO ENSURE DUST AND WATER FREE ENCLOSURE



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

MAGICVIU
MULTITOUCH SOLUTIONS

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www.magicviu.com

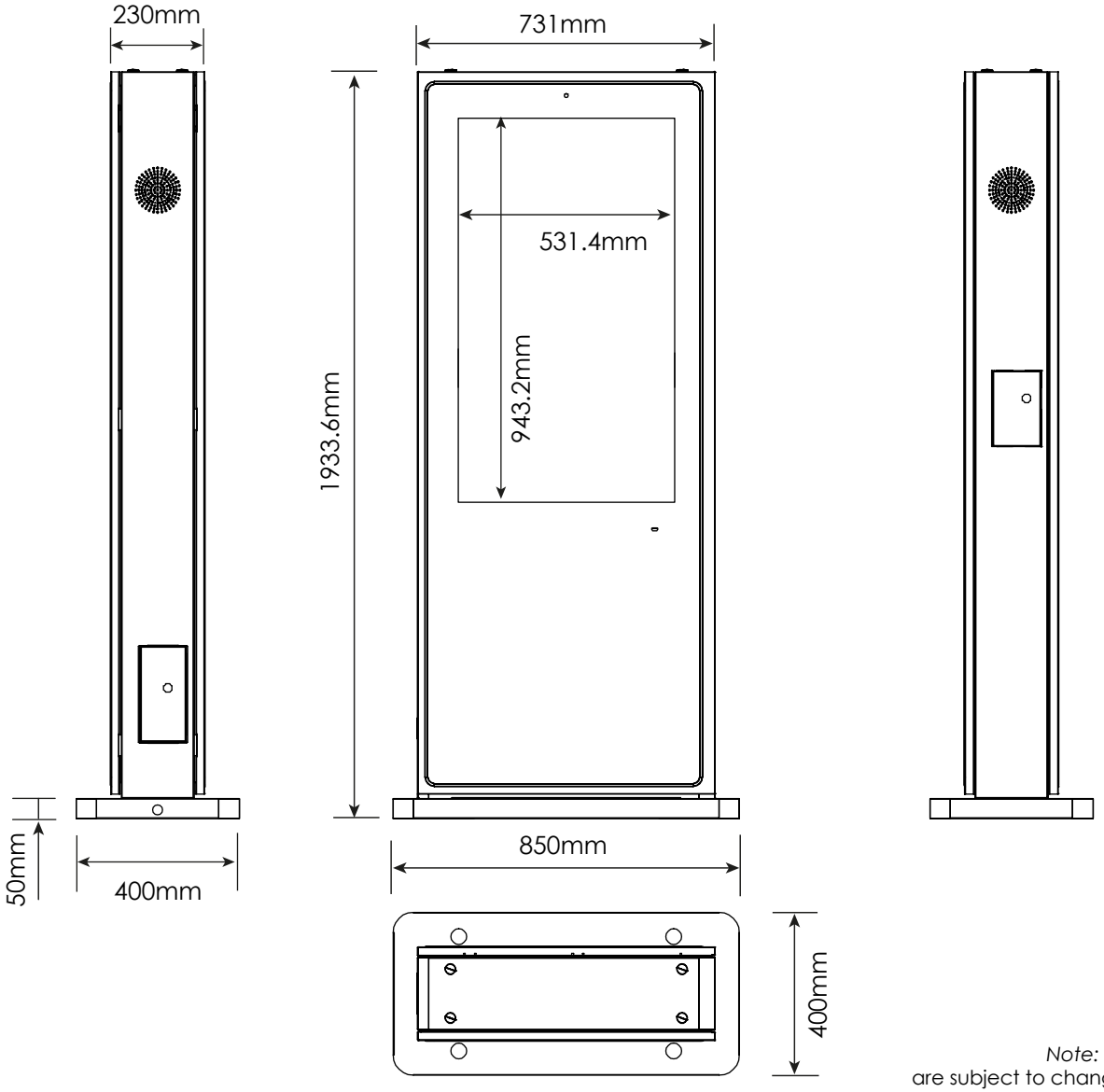
CHASSIS FEATURES	
Panel size	43'' TFT-LCD
Display area(mm)/mode	943.2mm(H) x 531.4mm(W) 16:9
Maximum resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V) (mm)
Brightness (nits) options	1500cd/m^2 | 2500cd/m^2 | 3500cd/m^2
Contrast	4000:1
Visual angle	178°/178°
Response time	6.5ms
Life(hrs)	>60,000(hrs)
INPUT AND OUTPUT	
VGA	1
HDMI	1
USB2.0	1
Audio(L/R) input	1
Audio(L/R) output	1
Speaker	2×10W (8 ohm)
VIDEO	
Color system	PAL
Remote controller	Yes
POWER	
Power supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤ 3600W
Standby power consumption	<5W

TEMPERATURE	
Working temperature	0°C 50°C
Storage temperature	- 35°C ~ 50°C
Working humidity	85%
Storage humidity	85%
Waterproof grade	Outdoor IP65
Temperature control	Fan cooling as standard or air-conditioning as option
FUNCTIONS	
Video format	MPEG1/MPEG2/MPEG4/DivX/ASP/WMV/AVI
Audio format	Wave/MP3/WMA/AAC
Image format	JPEG/BMP/TIFF/PNG/GIF
Image resolution	480P/720P/1080P
Split screen display	0.63mm(H) x 0.63mm(V) (mm)
Running subtitle	editable
APPEARANCE	
Panel	White, black, customised
Material	Metal case SPCC
Installation	flood-standing / wall mounted
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

43” Outdoor Totem



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

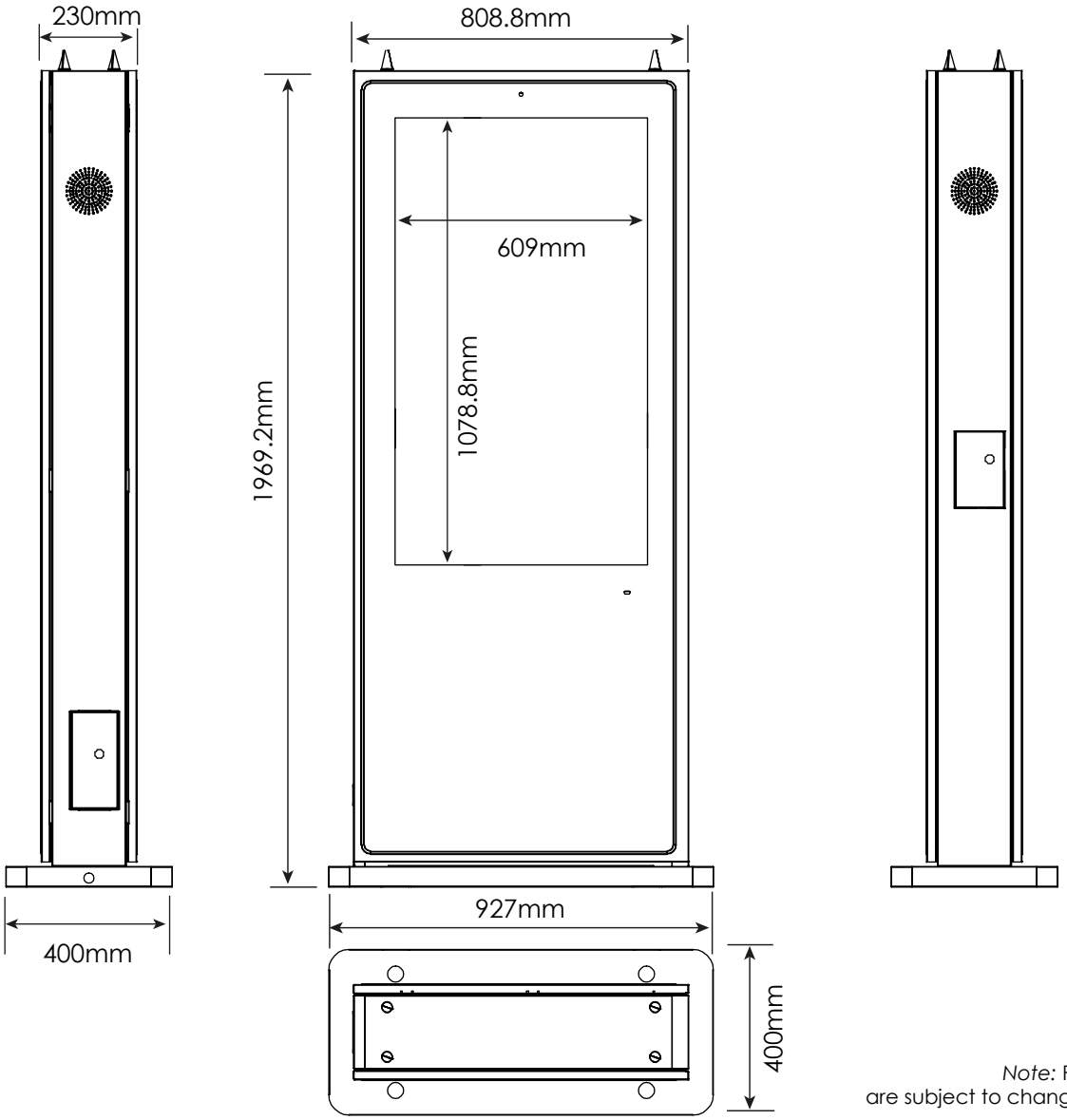
CHASSIS FEATURES	
Panel size	49'' TFT-LCD
Display area(mm)/mode	1078.8mm(H) x 609mm(W) 16:9
Maximum resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V) (mm)
Brightness (nits) options	1500cd/m^2 | 2500cd/m^2 | 3500cd/m^2
Contrast	4000:1
Visual angle	178°/178°
Response time	6.5ms
Life(hrs)	>60,000(hrs)
INPUT AND OUTPUT	
VGA	1
HDMI	1
USB2.0	1
Audio(L/R) input	1
Audio(L/R) output	1
Speaker	2×10W (8 ohm)
VIDEO	
Color system	PAL
Remote controller	Yes
POWER	
Power supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤ 3600W
Standby power consumption	<5W

TEMPERATURE	
Working temperature	0°C 50°C
Storage temperature	- 35°C ~ 50°C
Working humidity	85%
Storage humidity	85%
Waterproof grade	Outdoor IP65
Temperature control	Fan cooling as standard or air-conditioning as option
FUNCTIONS	
Video format	MPEG1/MPEG2/MPEG4/DivX/ASP/WMV/AVI
Audio format	Wave/MP3/WMA/AAC
Image format	JPEG/BMP/TIFF/PNG/GIF
Image resolution	480P/720P/1080P
Split screen display	0.63mm(H) x 0.63mm(V) (mm)
Running subtitle	editable
APPEARANCE	
Panel	White, black, customised
Material	Metal case SPCC
Installation	flood-standing / wall mounted
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

49” Outdoor Totem



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

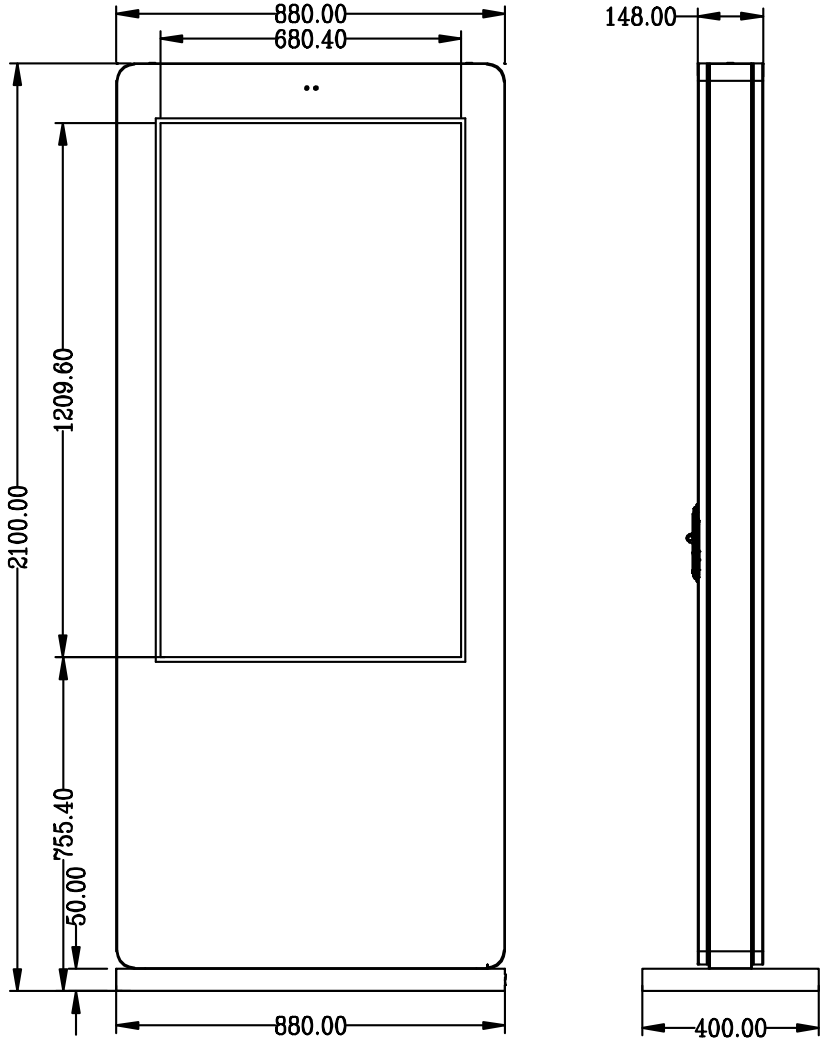
CHASSIS FEATURES	
Panel size	55'' TFT-LCD
Display area(mm)/mode	1209.6mm(H) x 680.4mm(W) 16:9
Maximum resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V) (mm)
Brightness (nits) options	1500cd/m^2 | 2500cd/m^2 | 3500cd/m^2
Contrast	4000:1
Visual angle	178°/178°
Response time	6.5ms
Life(hrs)	>60,000(hrs)
INPUT AND OUTPUT	
VGA	1
HDMI	1
USB2.0	1
Audio(L/R) input	1
Audio(L/R) output	1
Speaker	2×10W (8 ohm)
VIDEO	
Color system	PAL
Remote controller	Yes
POWER	
Power supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤ 3600W
Standby power consumption	<5W

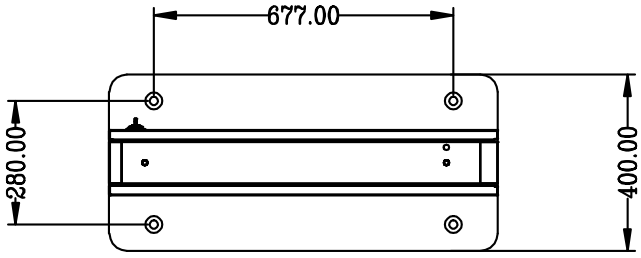
TEMPERATURE	
Working temperature	0°C 50°C
Storage temperature	- 35°C ~ 50°C
Working humidity	85%
Storage humidity	85%
Waterproof grade	Outdoor IP65
Temperature control	Fan cooling as standard or air-conditioning as option
FUNCTIONS	
Video format	MPEG1/MPEG2/MPEG4/DivX/ASP/WMV/AVI
Audio format	Wave/MP3/WMA/AAC
Image format	JPEG/BMP/TIFF/PNG/GIF
Image resolution	480P/720P/1080P
Split screen display	0.63mm(H) x 0.63mm(V) (mm)
Running subtitle	editable
APPEARANCE	
Panel	White, black, customised
Material	Metal case SPCC
Installation	flood-standing / wall mounted
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

55” Outdoor Totem

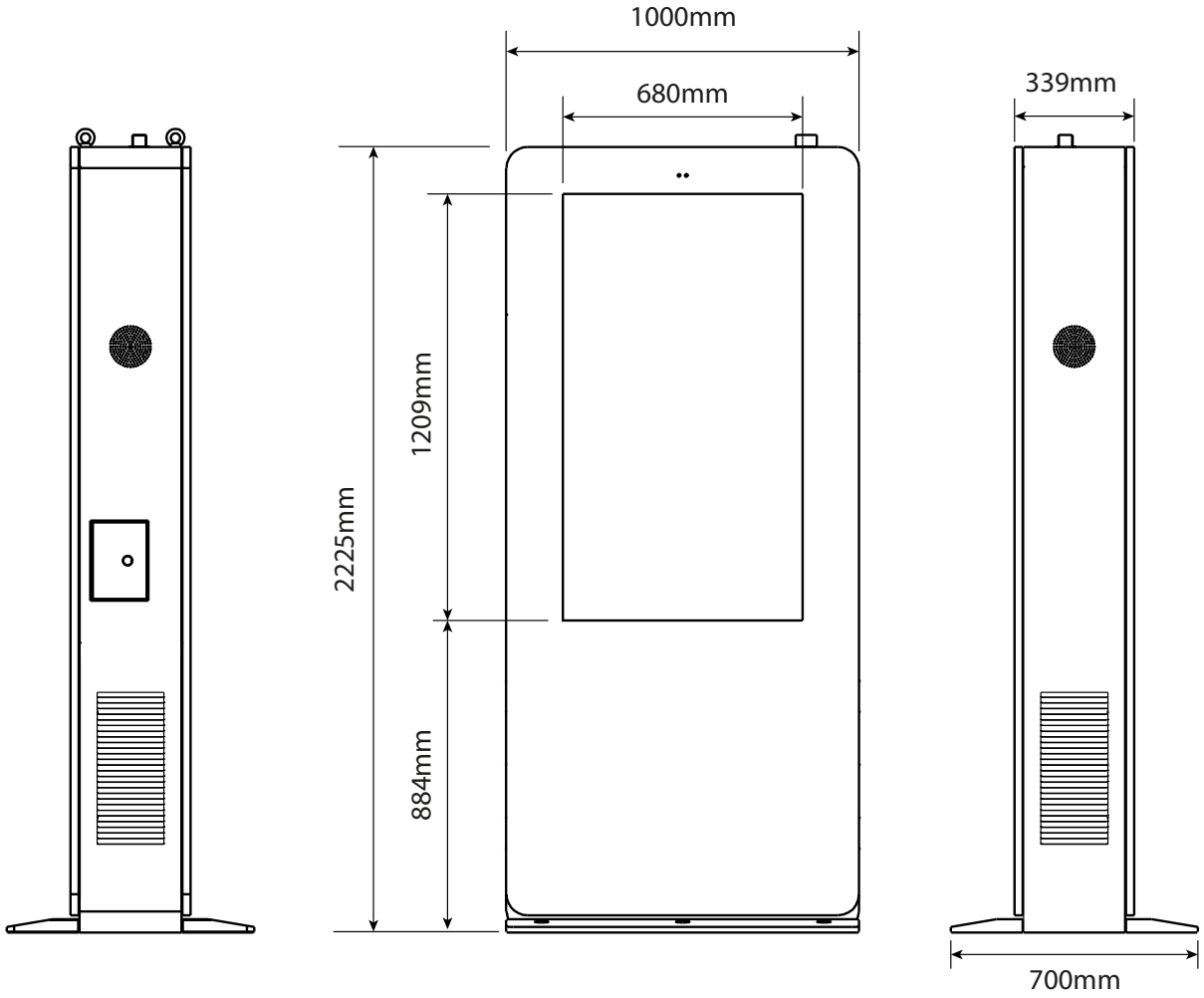


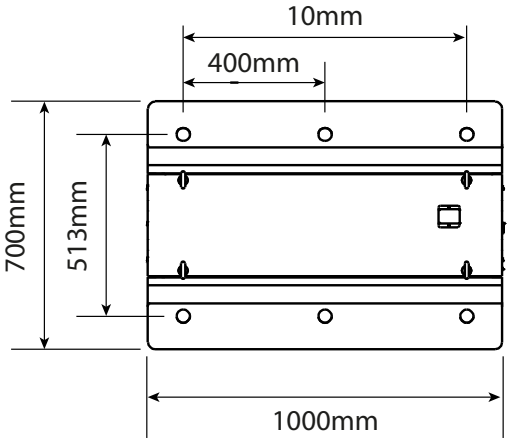


Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

55” Outdoor Totem
Dual Sided





Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

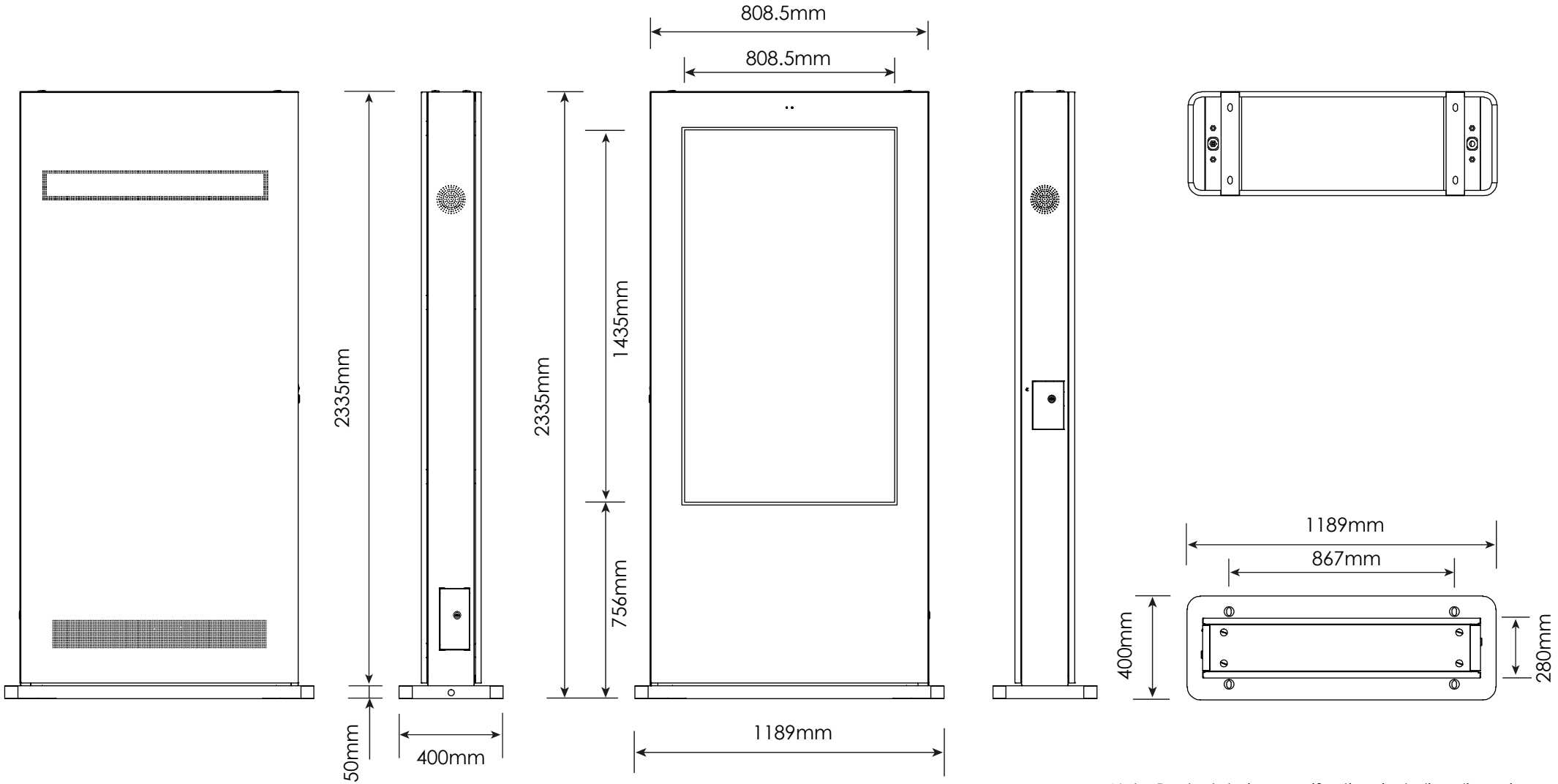
CHASSIS FEATURES	
Panel size	65'' TFT-LCD
Display area(mm)/mode	1428.5mm(H) x 803.5mm(W) 16:9
Maximum resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V) (mm)
Brightness (nits) options	1500cd/m^2 as standard and up to 3500cd/m^2
Contrast	3500:1
Visual angle	178°/178°
Response time	5ms
Life(hrs)	>60,000(hrs)
INPUT AND OUTPUT	
VGA	1
HDMI	1
USB2.0	2
Audio(L/R) input	1
Audio(L/R) output	1
Speaker	2×10W (8 ohm)
VIDEO	
Color system	PAL
Remote controller	Yes
POWER	
Power supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤ 360W
Standby power consumption	<5W

TEMPERATURE	
Working temperature	0°C 50°C
Storage temperature	- 35°C ~ 50°C
Working humidity	85%
Storage humidity	85%
Waterproof grade	Outdoor IP65
Temperature control	Fan cooling as standard or air-conditioning as option
FUNCTIONS	
Video format	MPEG1/MPEG2/MPEG4/DivX/ASP/WMV/AVI
Audio format	Wave/MP3/WMA/AAC
Image format	JPEG/BMP/TIFF/PNG/GIF
Image resolution	480P/720P/1080P
Split screen display	0.63mm(H) x 0.63mm(V) (mm)
Running subtitle	editable
APPEARANCE	
Panel	White, black, customised
Material	Metal case SPCC
Installation	flood-standing / wall mounted
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

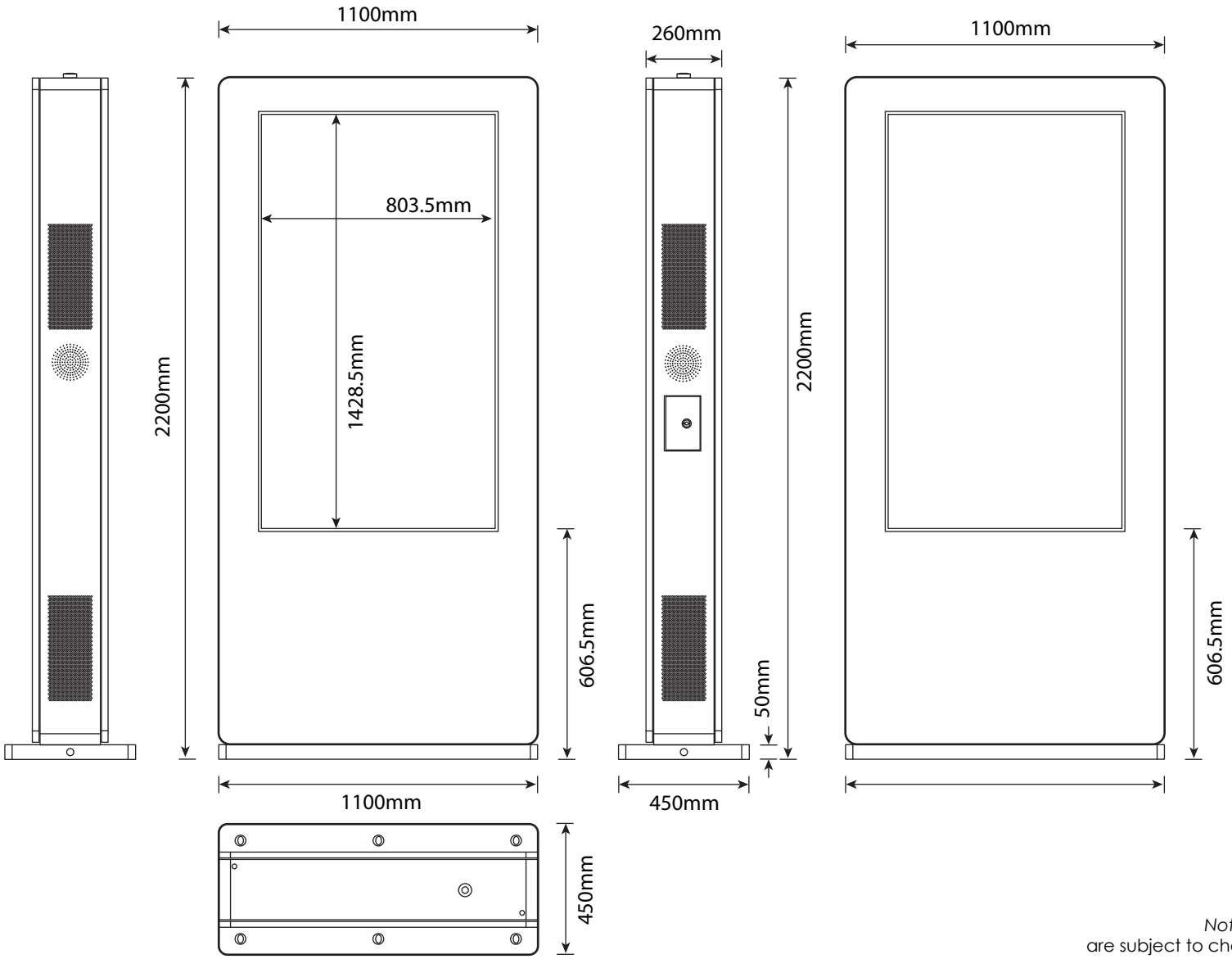
65” Outdoor Totem

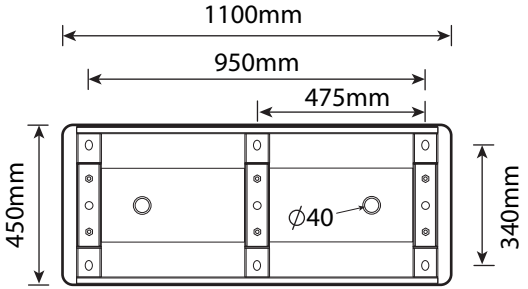


Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

65” Outdoor Totem double-sided





Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

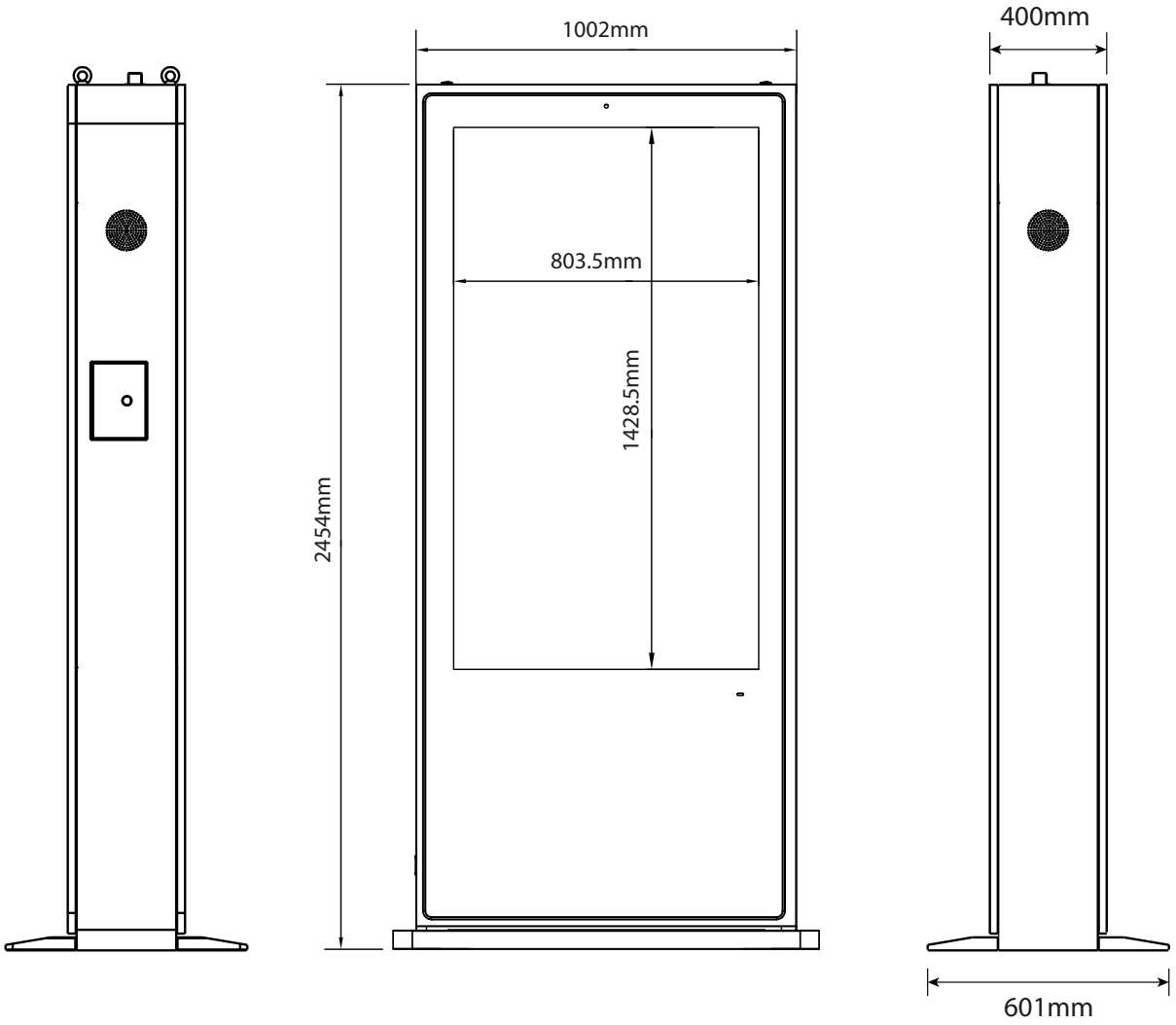
CHASSIS FEATURES	
Panel size	75'' TFT-LCD
Display area(mm)/mode	1428.5mm(H) x 803.5mm(W) 16:9
Maximum resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V) (mm)
Brightness (nits) options	1500cd/m^2 as standard and up to 3500cd/m^2
Contrast	3500:1
Visual angle	178°/178°
Response time	5ms
Life(hrs)	>60,000(hrs)
INPUT AND OUTPUT	
VGA	1
HDMI	1
USB2.0	2
Audio(L/R) input	1
Audio(L/R) output	1
Speaker	2×10W (8 ohm)
VIDEO	
Color system	PAL
Remote controller	Yes
POWER	
Power supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤ 360W
Standby power consumption	<5W

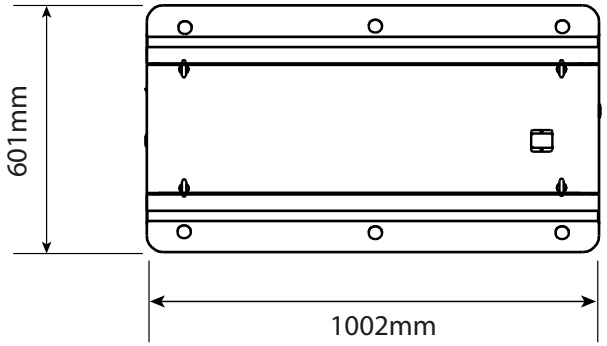
TEMPERATURE	
Working temperature	0°C 50°C
Storage temperature	- 35°C ~ 50°C
Working humidity	85%
Storage humidity	85%
Waterproof grade	Outdoor IP65
Temperature control	Fan cooling as standard or air-conditioning as option
FUNCTIONS	
Video format	MPEG1/MPEG2/MPEG4/DivX/ASP/WMV/AVI
Audio format	Wave/MP3/WMA/AAC
Image format	JPEG/BMP/TIFF/PNG/GIF
Image resolution	480P/720P/1080P
Split screen display	0.63mm(H) x 0.63mm(V) (mm)
Running subtitle	editable
APPEARANCE	
Panel	White, black, customised
Material	Metal case SPCC
Installation	flood-standing / wall mounted
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

75” Outdoor Totem





Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

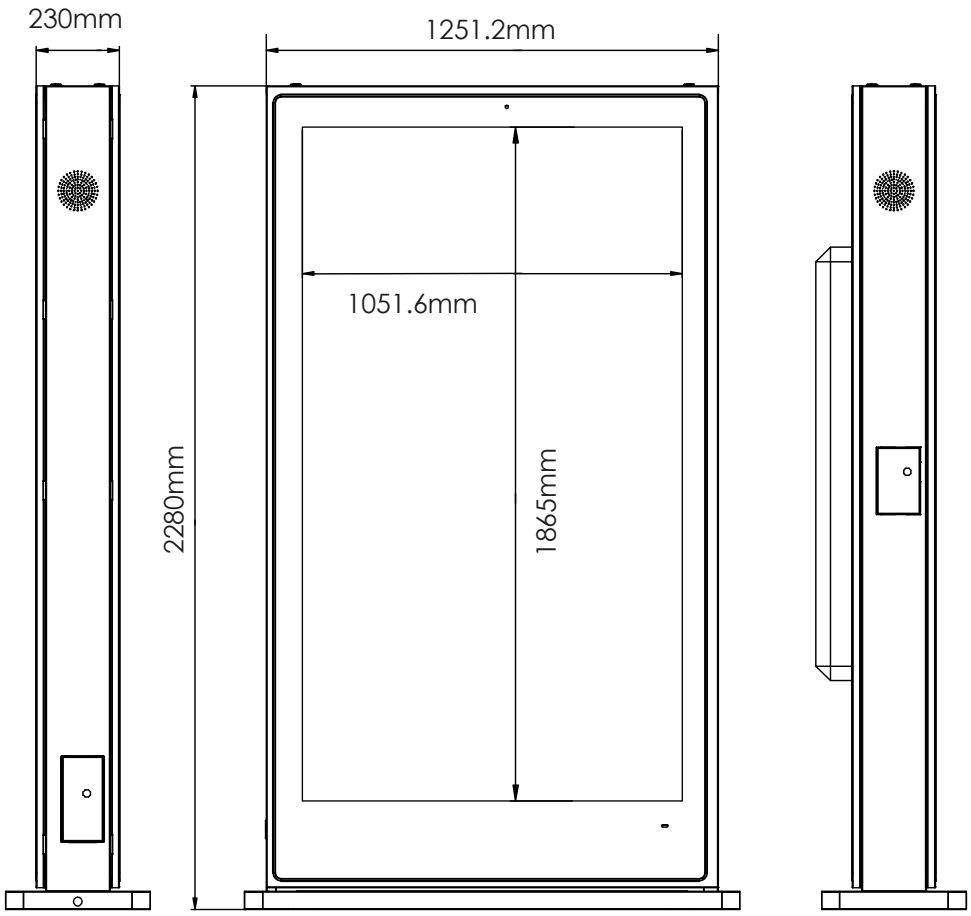
CHASSIS FEATURES	
Panel size	84'' TFT-LCD
Display area(mm)/mode	1865mm(H) x 1052mm(W) 16:9
Maximum resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V) (mm)
Brightness (nits) options	1500cd/m^2 as standard and up to 3500cd/m^2
Contrast	3500:1
Visual angle	178°/178°
Response time	5ms
Life(hrs)	>60,000(hrs)
INPUT AND OUTPUT	
VGA	1
HDMI	1
USB2.0	2
Audio(L/R) input	1
Audio(L/R) output	1
Speaker	2×10W (8 ohm)
VIDEO	
Color system	PAL
Remote controller	Yes
POWER	
Power supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤ 360W
Standby power consumption	<5W

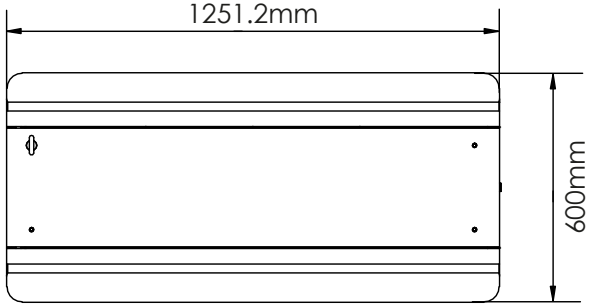
TEMPERATURE	
Working temperature	0°C 50°C
Storage temperature	- 35°C ~ 50°C
Working humidity	85%
Storage humidity	85%
Waterproof grade	Outdoor IP65
Temperature control	Fan cooling as standard or air-conditioning as option
FUNCTIONS	
Video format	MPEG1/MPEG2/MPEG4/DivX/ASP/WMV/AVI
Audio format	Wave/MP3/WMA/AAC
Image format	JPEG/BMP/TIFF/PNG/GIF
Image resolution	480P/720P/1080P
Split screen display	0.63mm(H) x 0.63mm(V) (mm)
Running subtitle	editable
APPEARANCE	
Panel	White, black, customised
Material	Metal case SPCC
Installation	flood-standing / wall mounted
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

84” Outdoor Totem





Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

32inch Outdoor Totem

WEATHER-PROOF IP RATED
STEEL ENCLOSURE

10 TOUCH POINTS WITH PROJECTED
CAPACITIVE TECHNOLOGY

INTEL i5 PC, 4GB RAM, 120GB SSD,
WINDOWS 10

SECURE ACCESS PANELS WITH LOCKS

INTERNAL SPEAKERS

1 YEAR ON-SITE WARRANTY

HIGH BRIGHTNESS, LED HD SCREEN
STANDARD 1500 NITS AND UP TO 3500 NITS

6MM SECURE TEMPERED GLASS
WITH ANTI-GLARE OPTION

BUILT-IN FANS

COMPLIANCE WITH FCC AND CE
TO ENSURE DUST AND WATER FREE ENCLOSURE

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

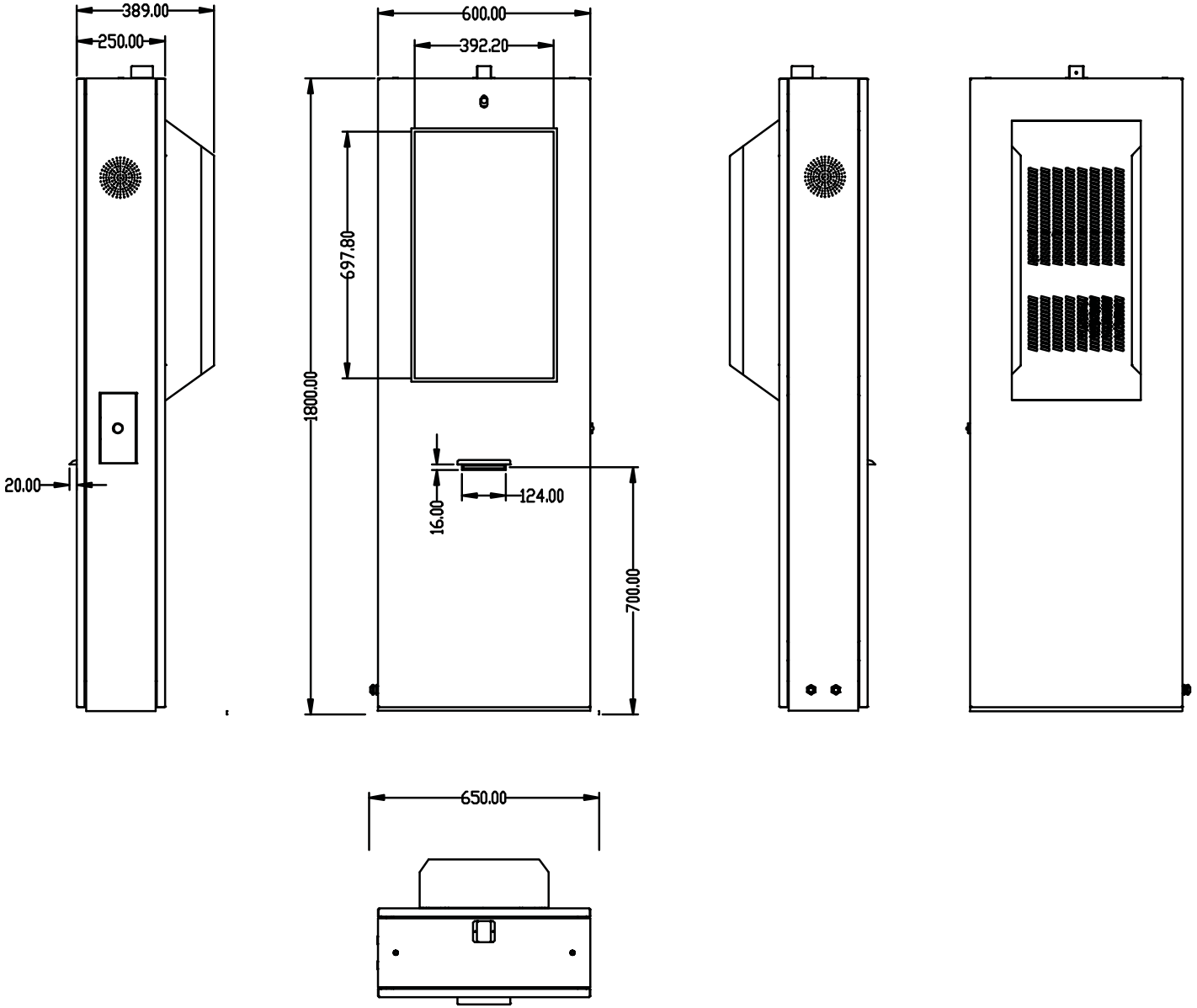
CHASSIS FEATURES	
Panel size	32'' TFT-LCD
Display area(mm)/mode	697.8mm(H) x 392.2mm(W) 16:9
Maximum resolution	1920 x 1080 Portrait
Display color	16.7M
Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V) (mm)
Brightness (nits) options	1500cd/m^2 | 2500cd/m^2 | 3500cd/m^2
Contrast	4000:1
Visual angle	178°/178°
Response time	6.5ms
Life(hrs)	>60,000(hrs)
INPUT AND OUTPUT	
VGA	1
HDMI	1
USB2.0	1
Audio(L/R) input	1
Audio(L/R) output	1
Speaker	2×10W (8 ohm)
VIDEO	
Color system	PAL
Remote controller	Yes
POWER	
Power supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤ 3600W
Standby power consumption	<5W

TEMPERATURE	
Working temperature	0°C 50°C
Storage temperature	- 35°C ~ 50°C
Working humidity	85%
Storage humidity	85%
Waterproof grade	Outdoor IP65
Temperature control	Fan cooling as standard
FUNCTIONS	
Video format	MPEG1/MPEG2/MPEG4/DivX/ASP/WMV/AVI
Audio format	Wave/MP3/WMA/AAC
Image format	JPEG/BMP/TIFF/PNG/GIF
Image resolution	480P/720P/1080P
Split screen display	0.63mm(H) x 0.63mm(V) (mm)
Running subtitle	editable
APPEARANCE	
Panel	White, black, customised
Material	Metal case SPCC
Installation	flood-standing / wall mounted
SERVICE & WARRANTY	
1 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

32" Outdoor Totem



[promultis]

Standard Kiosk

Create an inviting and imersive information point with the Promultis Standard Kiosk. Ideal for digital signage and wayfinding solutions.

43" TO 65" SCREENS AVAILABLE

100 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

32 TOUCH POINTS WITH INFRARED

OPTIONAL i5 or i7 PC

HDMI AND USB CONNECTIVITY

1080p HD OR 4K UHD BACK-LIT LED SCREEN

TEMPERED GLASS

SECURE PC COMPARTMENT AND CABLE MANAGMENT

3 YEAR ON-SITE WARRANTY

MADE IN BRITAIN

The Promultis standard kiosk has been designed for indoor use and is an ideal way to engage your audience with content that can inform, attract, entertain and educate.

The Promultis Kiosk is available in a variety of configurations that can suit any budget and any situation! Constructed with only the highest-grade components, our commercial LED screens are available with 1080p or 4K resolution and up to 800 nit high brightness.

Making the Promultis Kiosk perfect for use in areas with excessive light such as foyers and exhibition halls. You have the option of 43", 55" or 65" screens and also a choice between the very latest infra-red technology which allows up to 32 touches or projected capacitive touch technology which allows for 100 touch points.

The Promultis has a discreet, lockable cabinet with two shelves to house a PC and effective cable management.

Promultis Standard Kiosk is ideal for

- Retail Environments
- Exhibitions & Events
- Corporate Spaces
- Hospitality
- Transportation
- Entertainment

Projected Capacitive Kiosk for a specialist fit out and finishing contractor visitor centre including Promultis bespoke software featuring a corporate presentation featuring the companies services and case studies.

Promultis developed the software for the display presentation using corporate assets supplied by Mitie. The presentation included an interactive PDF viewer showing each facility and a custom made Snowflake game called Tap Tastic.

The Promultis Standard Kiosk has a very sleek and contemporary appearance, however, sometimes you need something just that little more exclusive. We offer you the additional option to completely customise the housing of the kiosk to reflect your branding or campaign messages.

Complete Hardware & Software Solution from Promultis

Promultis can completely customise the unit with your branding while also providing interactive, touch software and digital signage solutions to meet your presentation and education needs.

Eye catching solution to allow customers to create unique designs for their glo devices. As well as creating the software for the Promultis Kiosk, we also worked on a solution that allows users to print off their designs and apply them to their own glo device.

Promultis Bespoke Interactive Software

Engage with customers through a fully branded, interactive application with multi-user, collaborative interface incorporating your corporate identity, images, literature, audio files, videos, web sites and social media.

Software options

The Snowflake Suite Ultimate is perfect for education and training. It is fully featured with over 52 apps, including presentation, creativity and productivity tools, as well as games. It is intuitive and easy to use and customisable to suit your needs.

Information portal and way-finding for students and visitors of the University of Sussex with Promultis free-standing kiosk in the foyer.

CHASSIS FEATURES	
Materials	Aluminium & Steel
Glass type	Toughened full transmitivity
Lockable Storage	Cable Mangement and PC shelf
PANEL	
Screen Options	43" | 55" | 65"
Panel resolution	1080p HD OR 4K UHD
Native resolution	3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
Screen freeze function	On remote control
User manual	Included
WARRANTY	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	

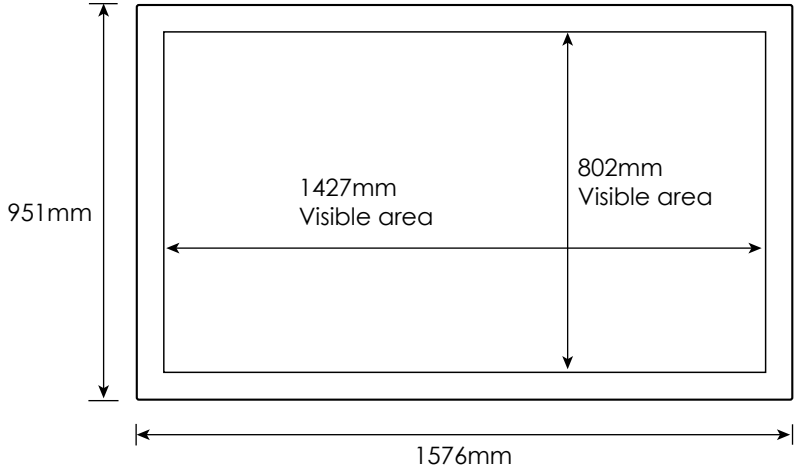
INFRA RED TOUCH	
Touch Points	10, 16/20 & 32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-ShieldTM Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multi-touch	Windows 8.1, 8, 7*: Ubuntu 12.04**; Android**; Chrome OS***
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200

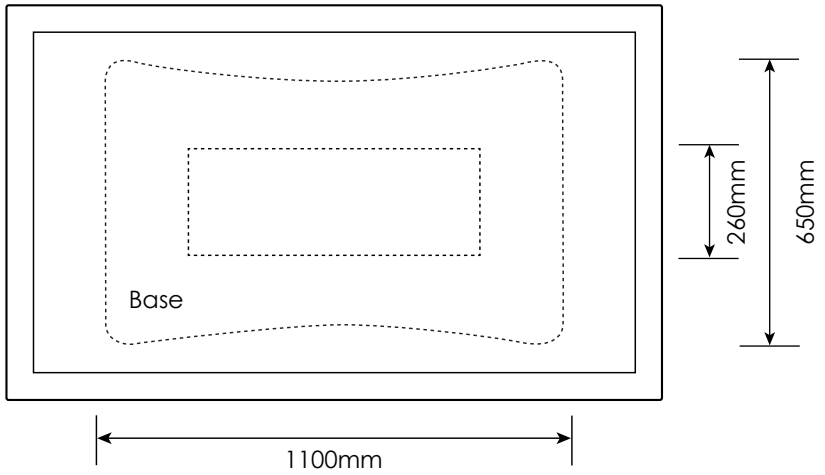
* Home Premium SP1; Professional SP1 Ultimate x64 SP1 ** Depending on kernel and multi-touch support. *** 39.0.2171.85(64 bit)

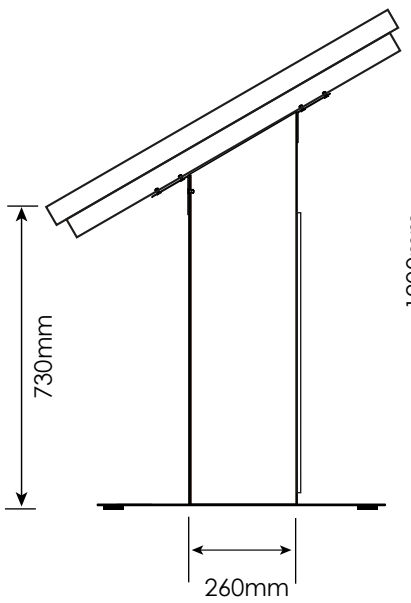
Data connectivity	USB 2.0
Touch accuracy	1mm absolute
Sensor weight	260 g
Controller weight	60 g
PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

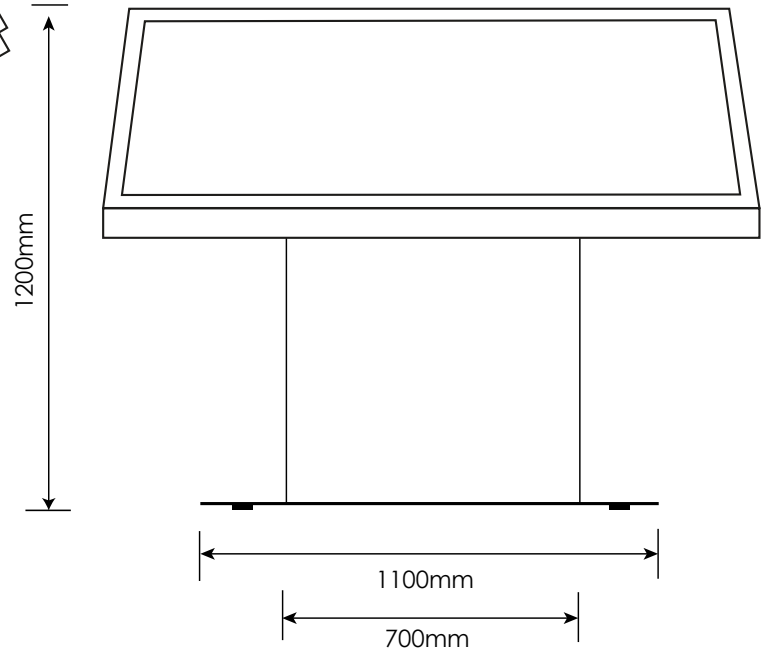
[promultis]

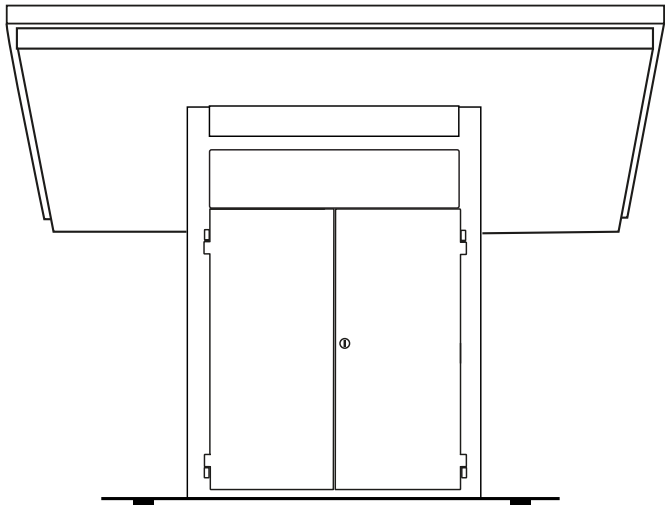
Standard Kiosk
with 65” Boxtop touch screen







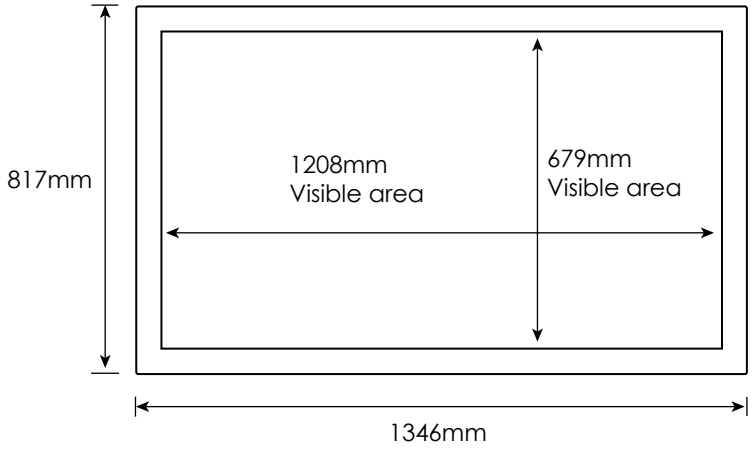


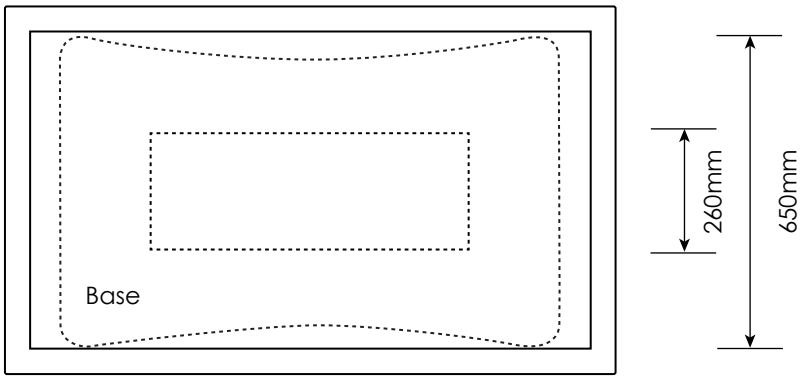


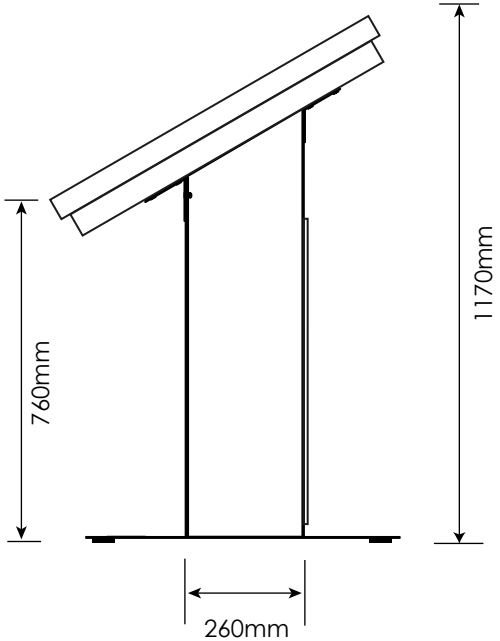
Back with door

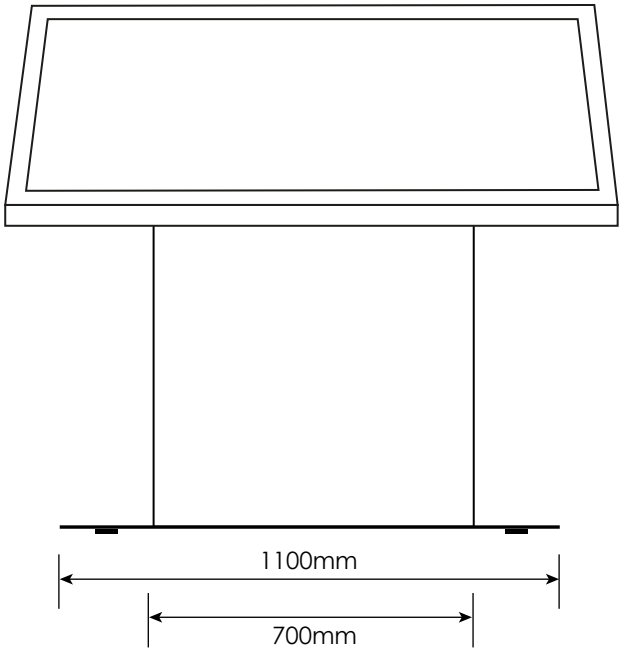
[promultis]

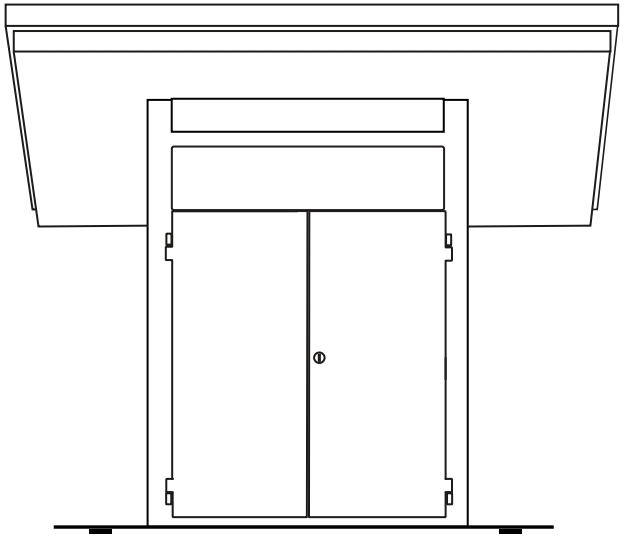
Standard Kiosk
with 55" Boxtop touch screen







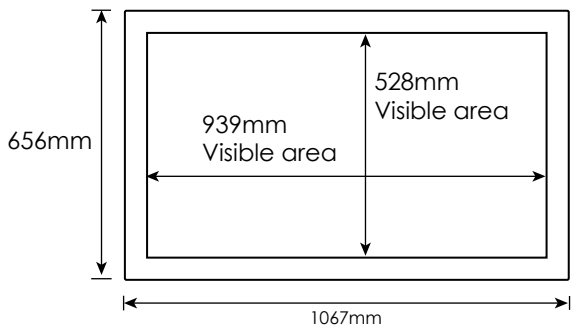


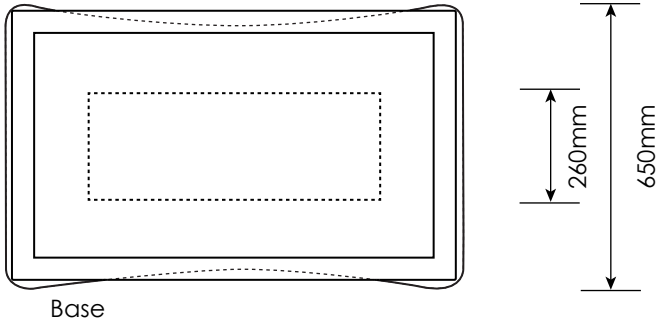


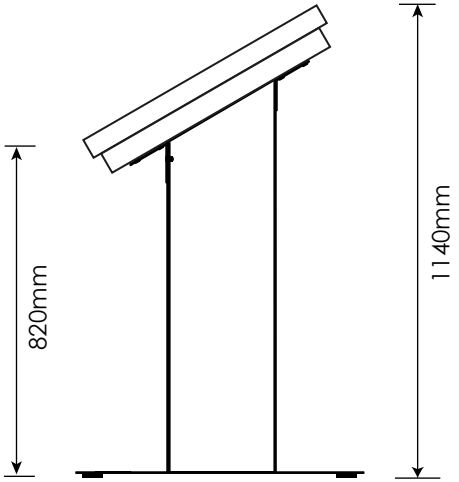
Back with door

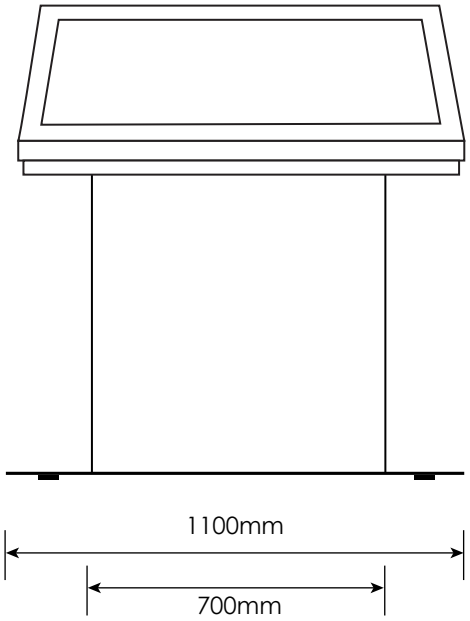
[promultis]

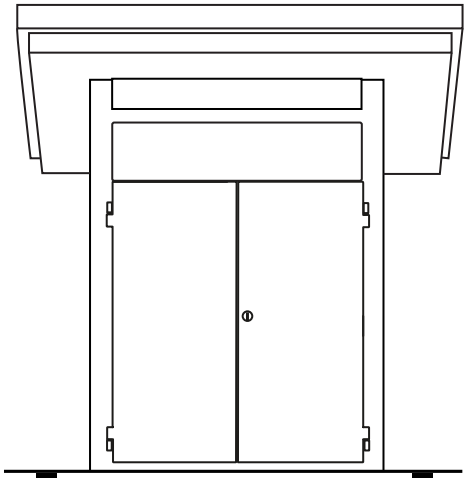
Standard Kiosk
with 43" Boxtop touch screen











Back with door

[promultis]

Allure Kiosk

Create an inviting and imersive information point with this slim, sleek Kiosk.
Ideal for digital signage and wayfinding solutions.

43" & 55", 4K UHD,
Back-lit, LED Screen

10 Touch Points with
Projected Capacitive Technology

32 Touch Points with
Infrared Technology (55" screen)

24", 27" & 32", 1080p HD,
Back-lit, LED Screen

Secure PC Compartment
and Cable Management

Landscape or
portrait orientation

Built in WiFi

Optional i5 or i7 PC

HDMI, USB, and
VGA Connectivity

3 Year on-site Warranty

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

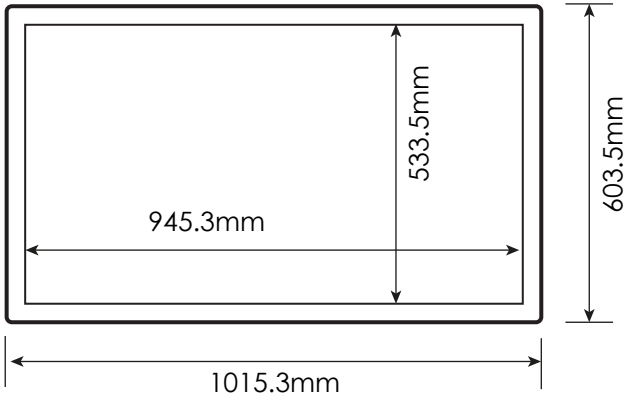
MAGICVIU
MULTITOUCH SOLUTIONS

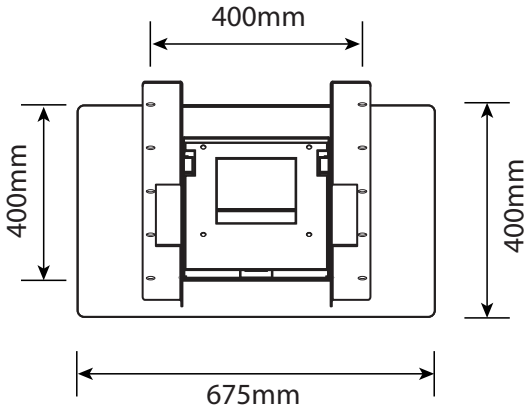
For more exciting multitouch products visit
www.magicviu.com

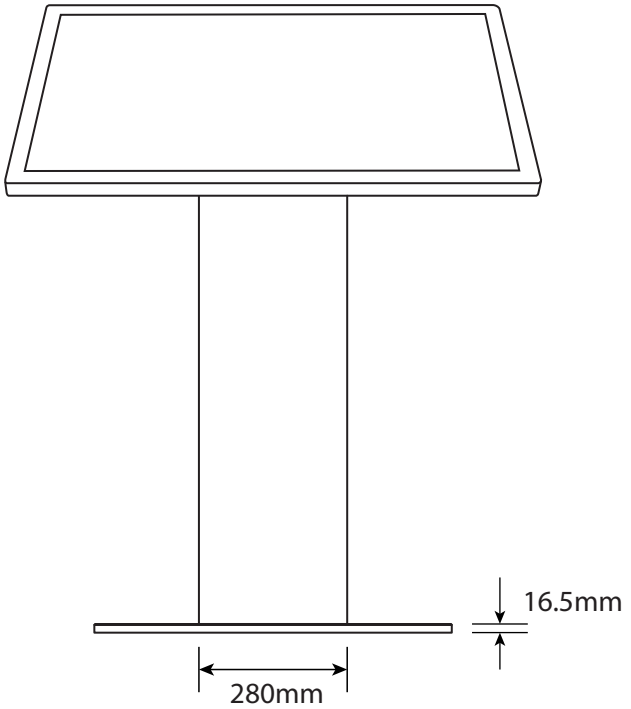
[promultis]

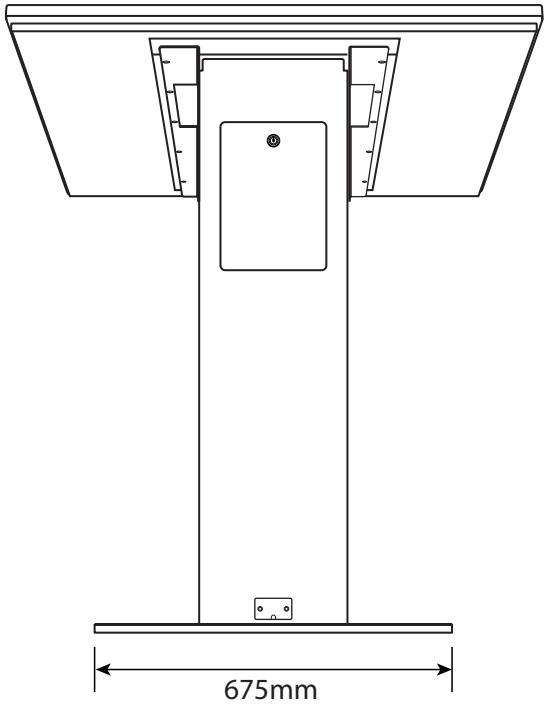
Allure Kiosk

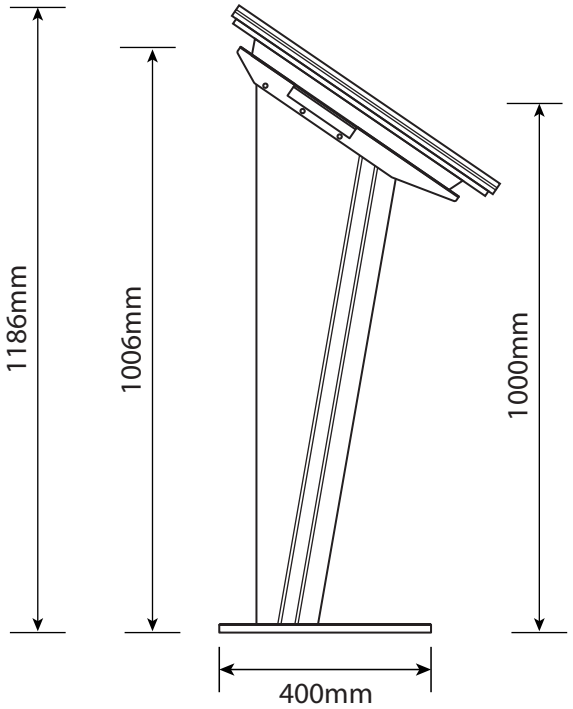
with 43" Electra Projected Capacitive Touch Screen







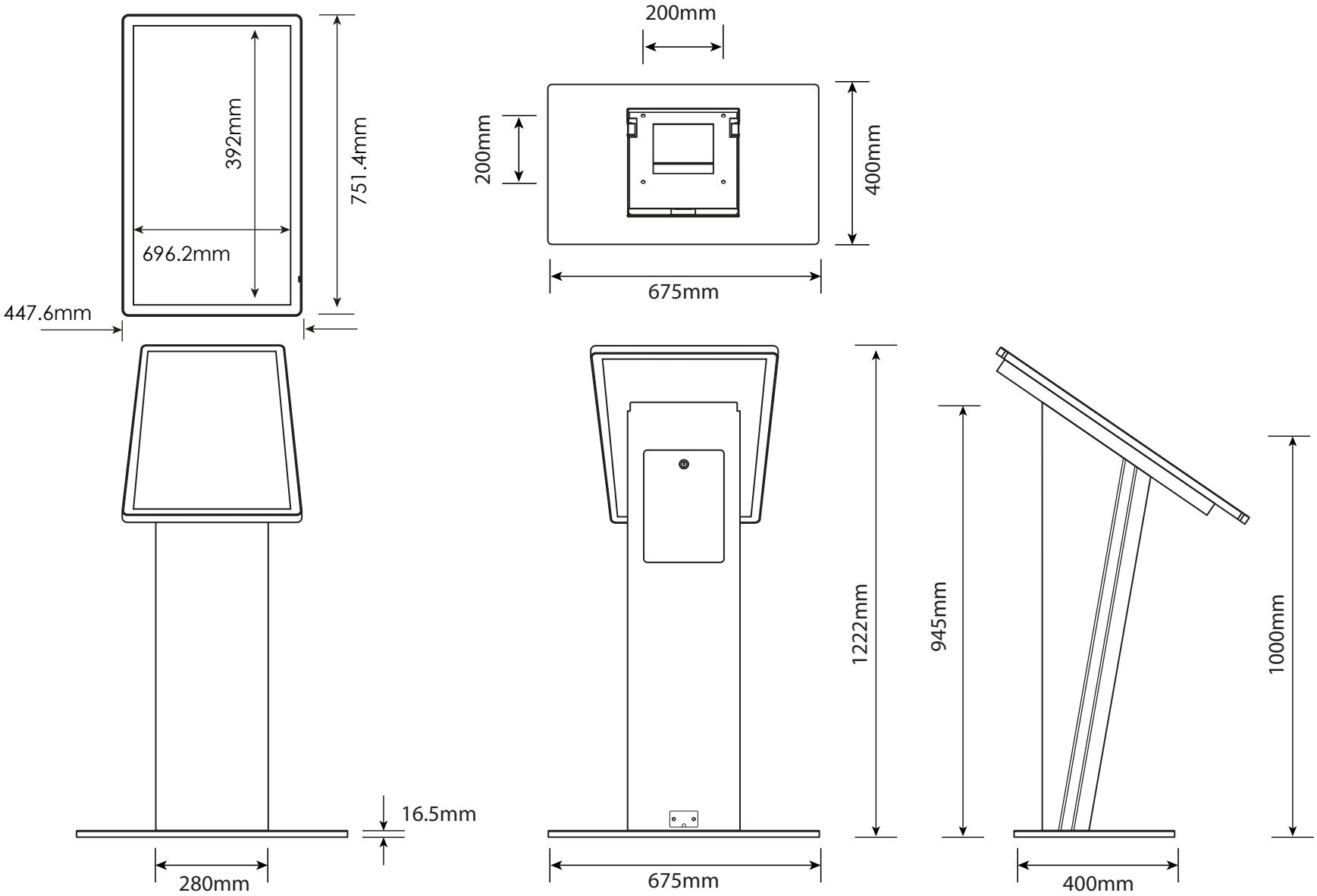




[promultis]

Allure Kiosk

with 32" Firebolt Projected Capacitive Touch Screen



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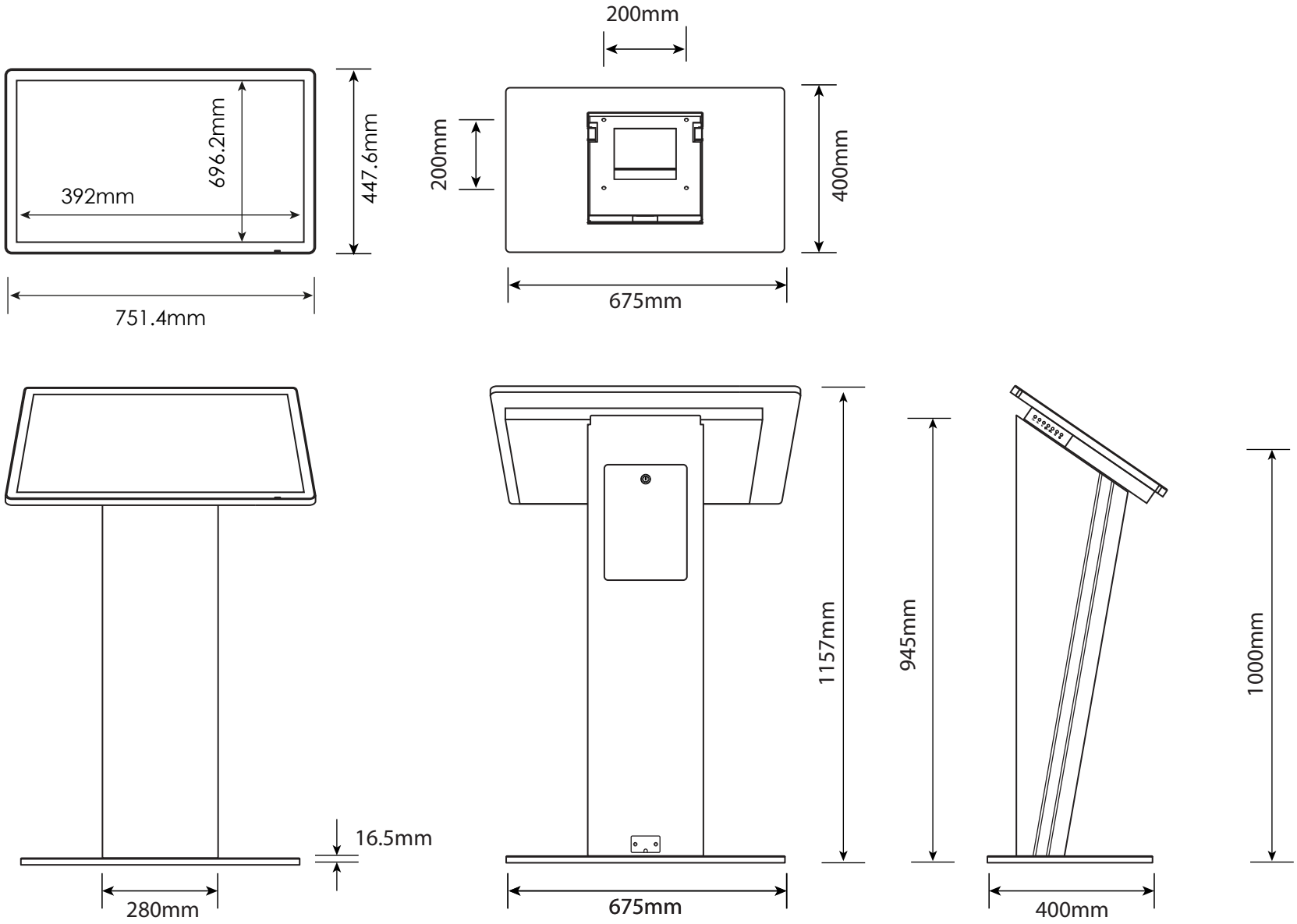
Allure Kiosk

with 32" Firebolt Projected Capacitive Touch Screen



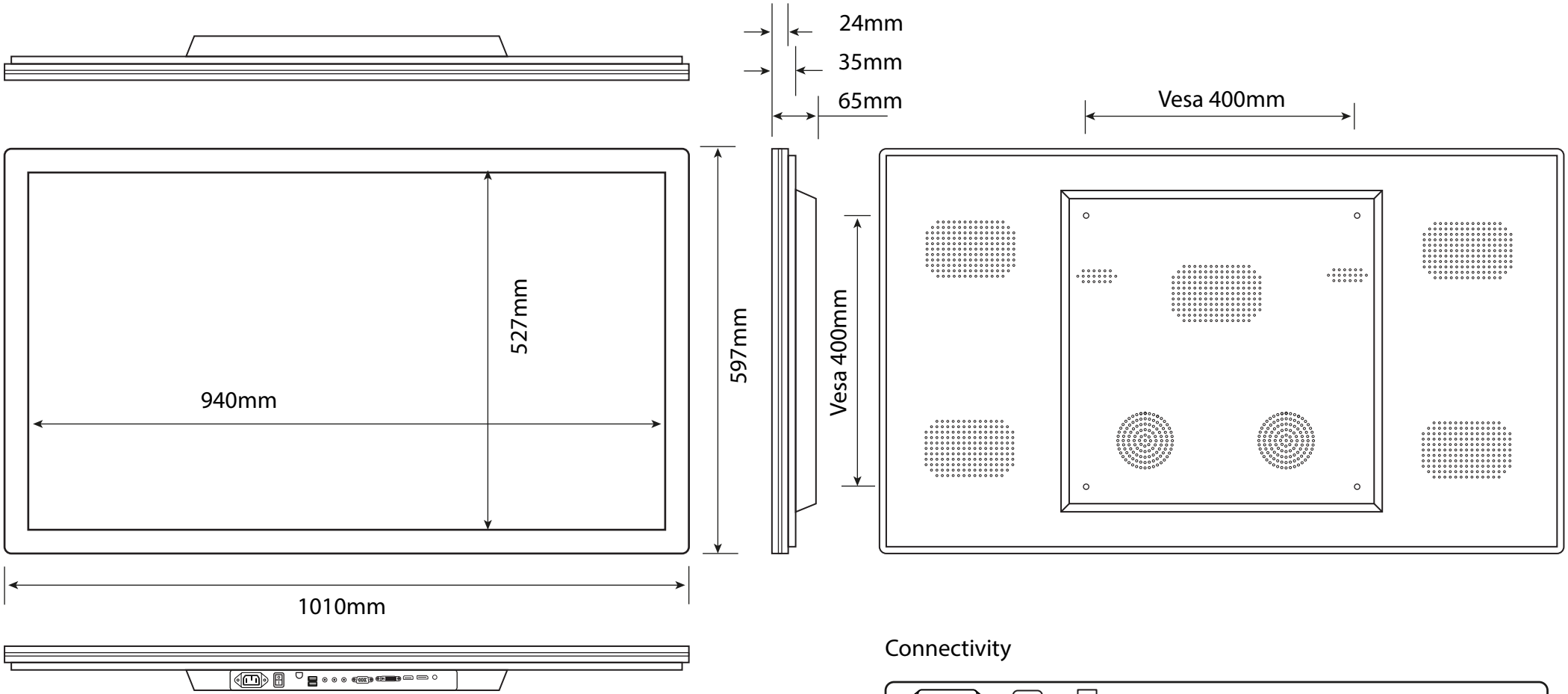
DISPLAY PANEL	
Screen Size	43" TFT-LCD
Display area	940mm (H) x 527mm (W) 16:9
Maximum Resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.1845 (H) x 0.1845 (V)
Brightness (cd/m2)	350cd/m^2
Contrast (Type)	2000 : 1
Visual angle	178°/178°
Response time	5ms
Life (hrs)	>60,000 (hrs)
TOUCH	
Specification	Projected Capacitive
Positioning	±2mms
Transmittance	≥92%
Hardness	7H
Touch points	10
Response time	≤10ms
MECHANICAL	
Monitor Size	1010mm (w) x 597mm (h) x 65mm (d)
Colour	Black
Case	Metal + Aluminium

CONNECTIVITY	
HDMI	1
USB	2
VGA	1
RJ45	1
L/R audio input	1
L/R audio output	1
Speaker	2×5W(8Ω)
POWER	
Input Voltage	AC100 ~ 240V 50 /60 HZ
Maximum power consumption	<90W
Standby power consumption	<5W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	85%
Storage humidity	85%
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

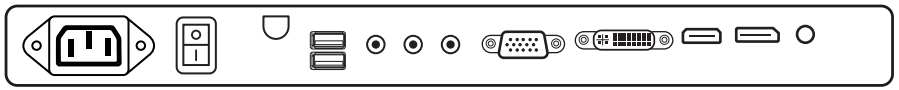
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

43inch Electra Touch Screen with Projected Capacitive Technology



Connectivity



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

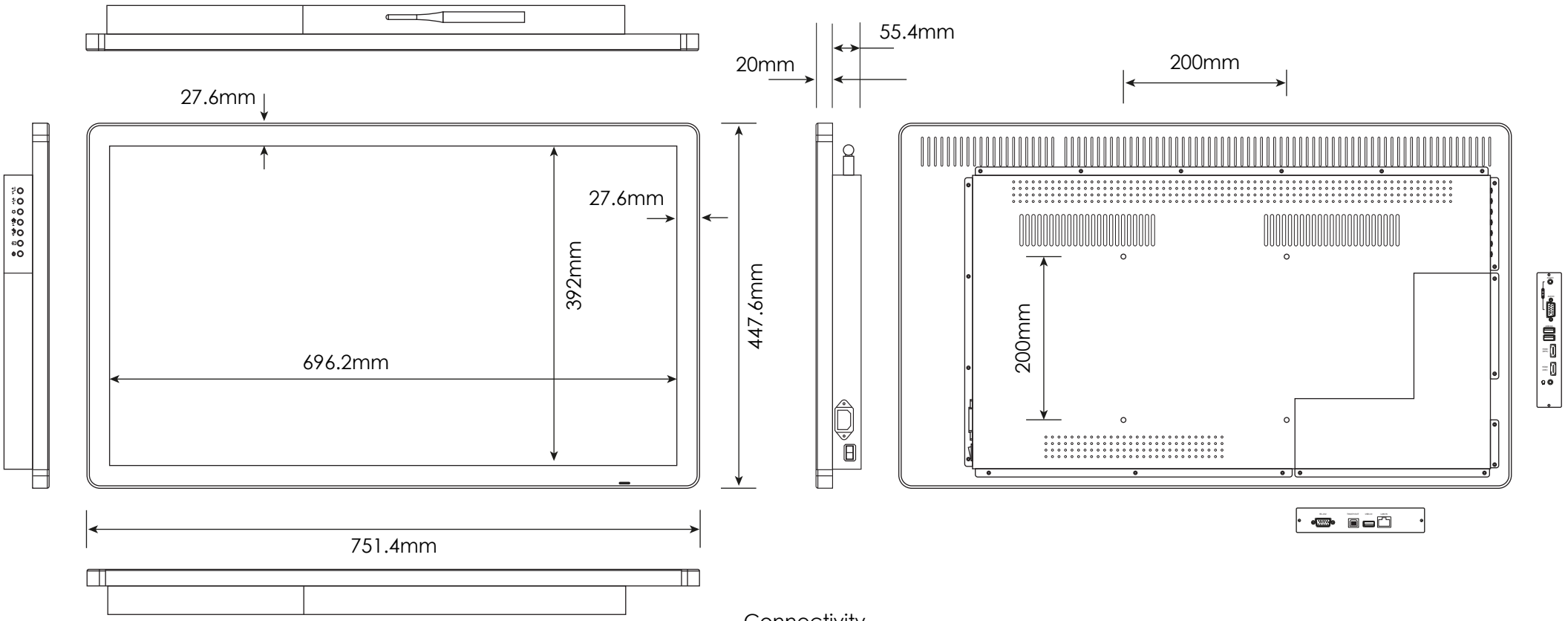
DISPLAY PANEL	
Screen Size	32" TFT-LCD
Display area	392mm (H) x 696.2mm (W) 16:9
Maximum Resolution	1920 x 1080
Display color	16.7M
Pixel Pitch(mm)	0.1845 (H) x 0.1845 (V)
Brightness (cd/m2)	2500 nit
Contrast (Type)	35000 : 1
Visual angle	178°/178°
Response time	8ms
Life (hrs)	>50,000 (hrs)
TOUCH	
Specification	Projected Capacitive
Touch points	10
FEATURES	
Main chipset	MSD6A828, Quad Core
RAM	2GB
ROM	16GB
Android version	Android 5.0.1
MECHANICAL	
Monitor Size	756mm (w) x 450mm (h) x 48mm (d)
Colour	Black
Case	Metal +Aluminium

CONNECTIVITY	
HDMI	2
USB 3	2
USB 2	1
RGB PC in	1
L/R audio input	1
L/R audio output	1
Speaker	2×5W(8Ω)
POWER	
Input Voltage	AC100 ~ 240V 50 /60 HZ
Maximum power consumption	<80W
Standby power consumption	<1W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	10%~90%
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

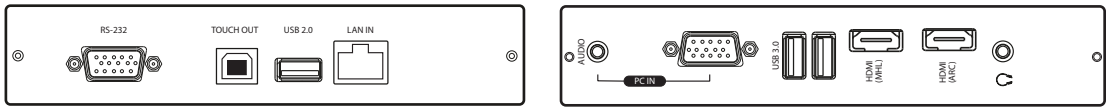
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

32inch Firebolt Touch Screen with Projected Capacitive Technology



Connectivity



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

Contour Kiosk

Engage your audience with this dynamic, curved, Contour Kiosk.
Ideal for digital signage and wayfinding solutions.

27” TO 55” INTERACTIVE AREA

100 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

EXTERNAL USB PORTS

OPTIONAL i5 or i7 PC

HDMI, VGA AND USB CONNECTIVITY

HD UHD, BACK-LIT LED SCREEN

TEMPERED GLASS

INTEGRATED Wi-Fi

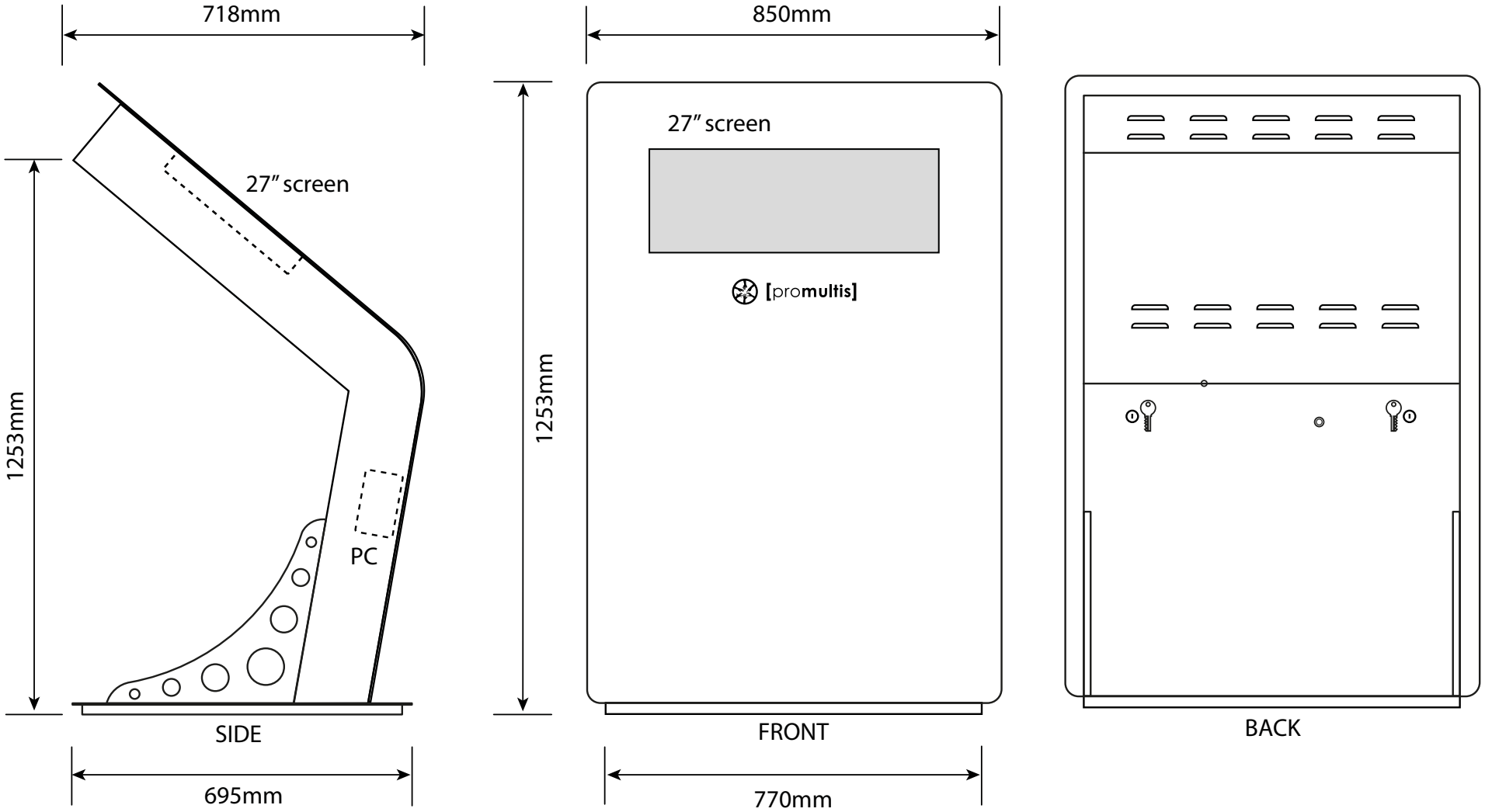
SECURE PC COMPARTMENT AND CABLE MANAGMENT

1 YEAR REPAIR OR REPLACE WARRANTY

For more exciting multitouch products visit www.magicviu.com

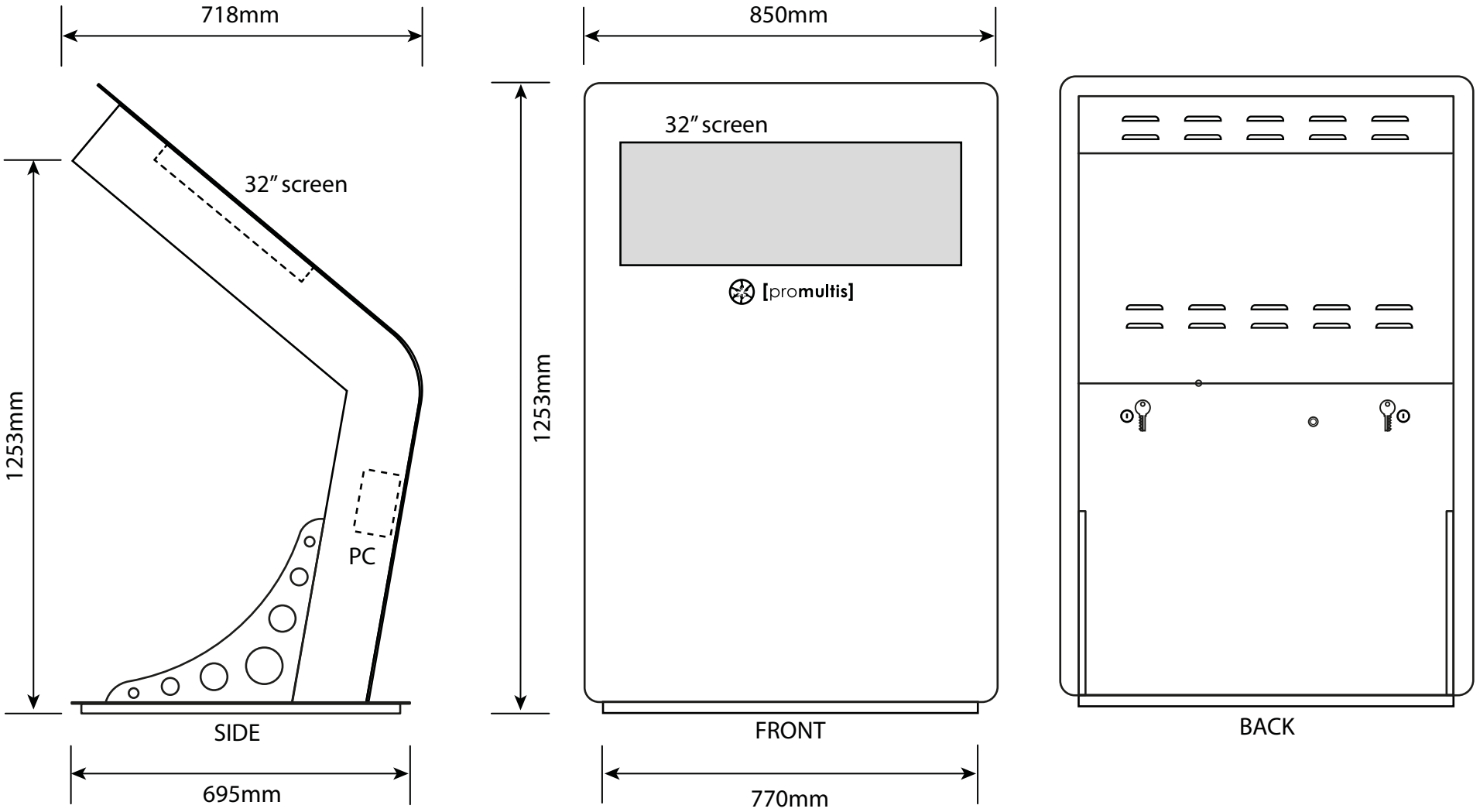
[promultis]

Contour Kiosk with 27" Screen



[promultis]

Contour Kiosk with 32" Screen



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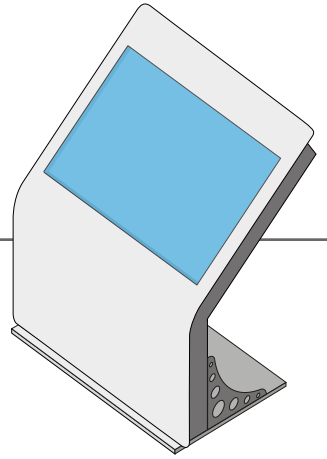
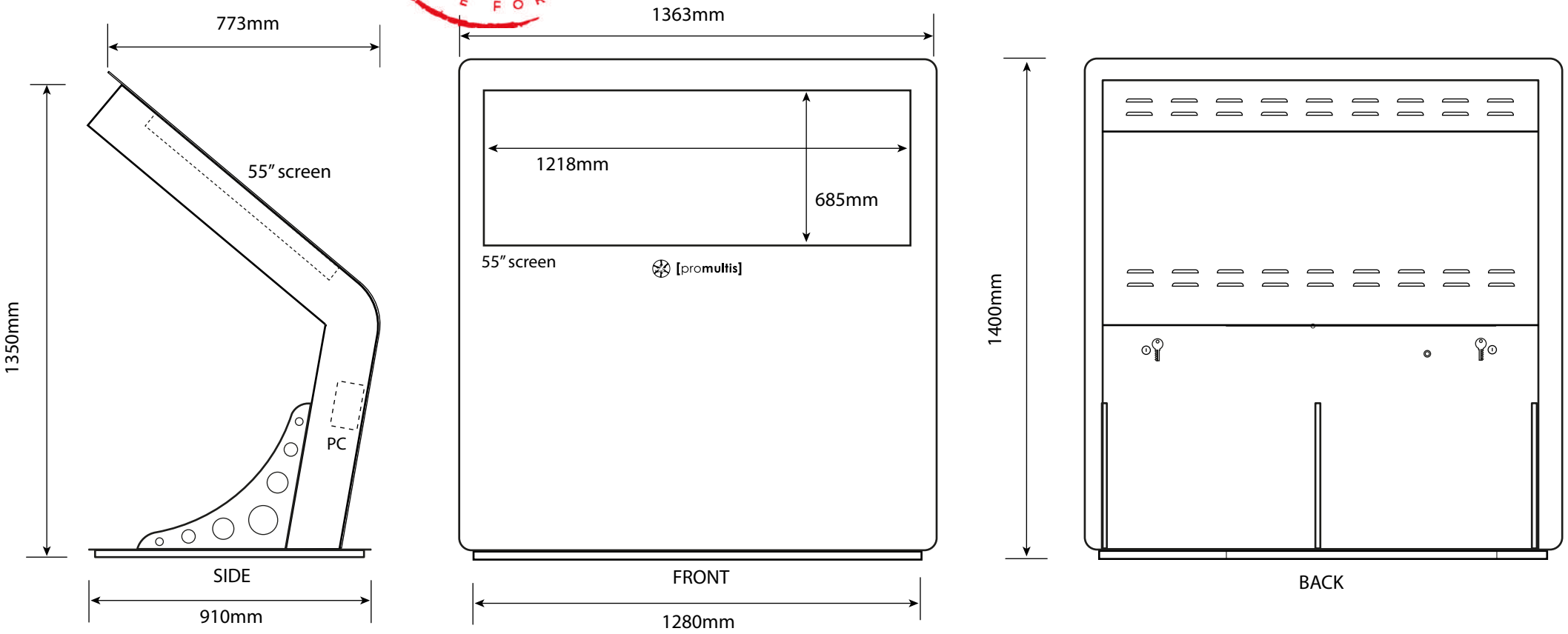
Contour Kiosk with 55” Screen





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[promultis]

Varitilt Pro Table

Large electric height adjustable collaborative table with easy access from all sides.
Ideal for Conference Rooms, Hospitality Suites, Training Areas and Trade Shows.

55“ & 65” INTERACTIVE AREA

100 TOUCH POINTS WITH PROJECTED CAPACITIVE TECHNOLOGY

32 TOUCH POINTS WITH INFRARED TECHNOLOGY

PC COMPARTMENT AND CABLE MANAGMENT

EXTERNAL USB PORTS

HDMI AND USB CONNECTIVITY

EASY ACCESS ALL SIDES

4K UHD, BACK-LIT LED SCREEN

TEMPERED GLASS

OPTIONAL i5 or i7 PC

ELECTRIC HEIGHT AND TILT ADJUSTABLE

PROFESSIONAL FLOOR LEVELLING CASTORS

3 YEAR ON-SITE WARRANTY

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MULTITOUCH SOLUTIONS

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www.magicviu.com

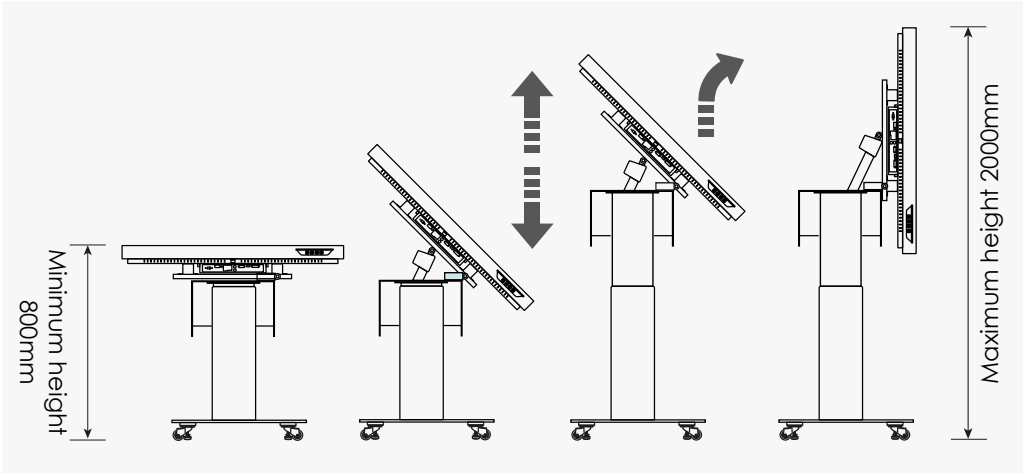
If you require an interactive, multitouch screen that is both mobile and has an easy to use configuration of screen height and angle then the Promultis Varitilt Pro is the solution.

The Promultis Varitilt Pro is one of our most versatile products and is available in a variety of screen sizes from 43" all the way up to 65" with the choice of 1080p HD or 4K UHD resolution. Utilising either Projected Capacitive or Infra-red touch technology. The real selling point with this range however, is it's flexibility and mobility!

The Promultis Varitilt Pro has height and tilt adjustment, the height elevation is adjusted by two powered columns to provide stability and finite adjustment. This allows the platform to be lifted, or lowered, effortlessly at the touch of a remote control. The Varitilt Pro also features fully powered tilt adjust. With its floor levelling castors, the Promultis Vari Tilt products can also be moved easily from room to room, much more convenient than a traditional wall mounted screen.

The mobility and adaptability afforded to the Varitilt really does set it apart from the competition. The fact that this product can be used as a very low table (improving accessibility for children and wheelchair users) or used as a high standing desk, or even tilted as a fully upright display or kiosk, means the Vari-tilt can be utilised in a wide variety of applications. The portability and flexibility of the Varitilt range has proven very popular in the education, SEN (Special Educational Needs), and the training market sectors.

Varitilt with Promultis Lightning Screen



The flexible solution

The ability to adapt the height and the angle of the unit depending on the room, the light and the number of people viewing the screen is unsurpassed by any other product. The ease of which the unit can be moved between rooms also makes the Varitilt very well suited to large establishments that require the flexibility of multi-room use.

Complete Hardware & Software Solution from Promultis

Promultis can completely customise the unit with your branding while also providing interactive, touch software and digital signage solutions to meet your presentation and education needs.

Optional Bespoke Interactive Software

Engage with customers through a fully branded, interactive application with multi-user, collaborative interface incorporating your corporate identity, images, literature, audio files, videos, web sites and social media.

Promultis was commissioned to create an interactive presentation to be dispalyed on a 65" Varitilt Pro and other touch products.

Optional Software options

The Snowflake Suite Ultimate is perfect for education and training, its fully featured with all over 52 apps, including presentation, creativity and productivity tools, as well as games. It is intuitive and easy to use and customisable to suit your needs.

Promultis installed two 55" Varitilt tables for the National Library of Wales.

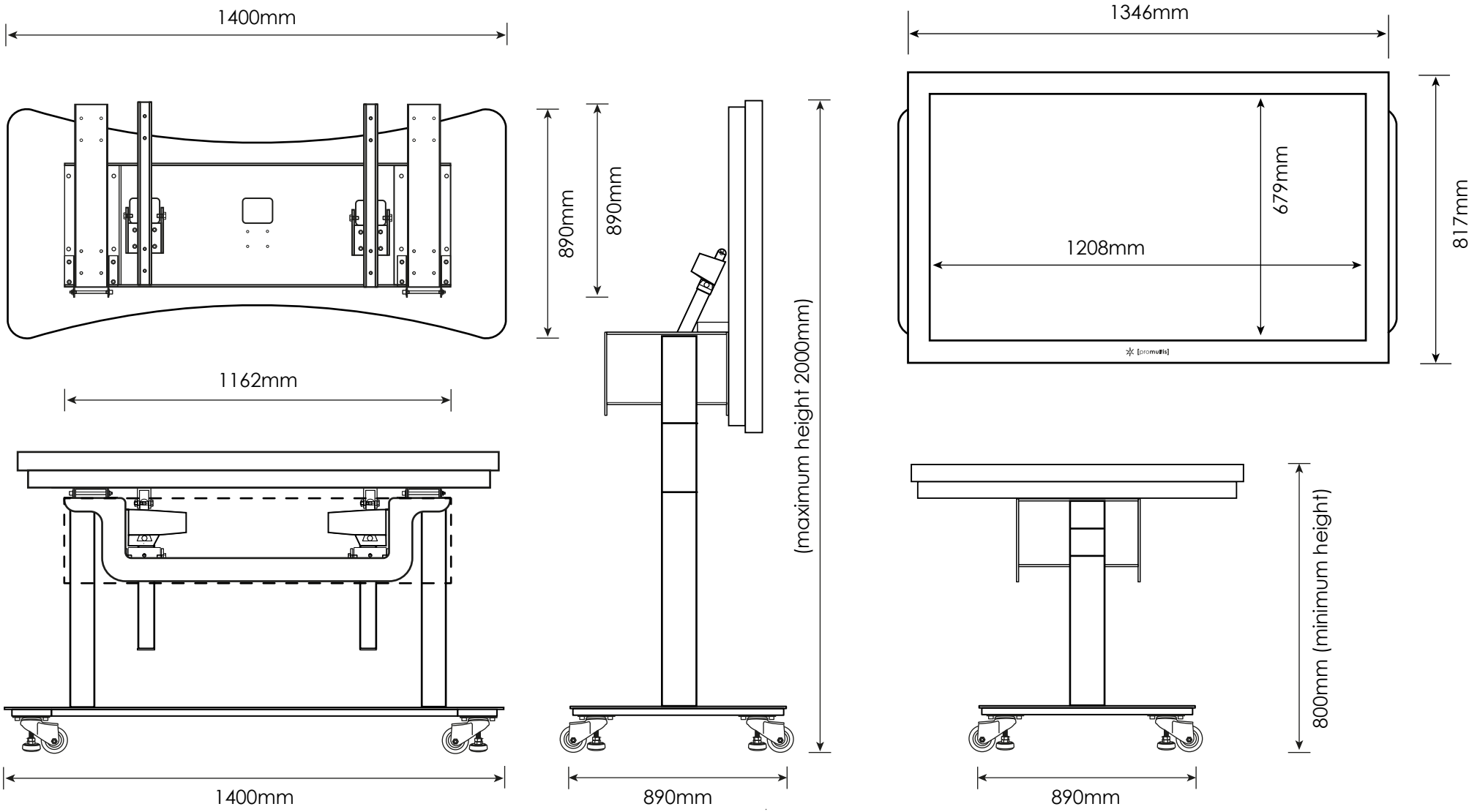
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
Tray	Cable Mangement and PC shelf
Mobility	4 Professional Floor Levelling Castors
PANEL	
Interactive area	43" | 55" | 65"
Panel resolution	1080p HD or 4K UHD
Native resolution	1920 x 1080 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	10 or 100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

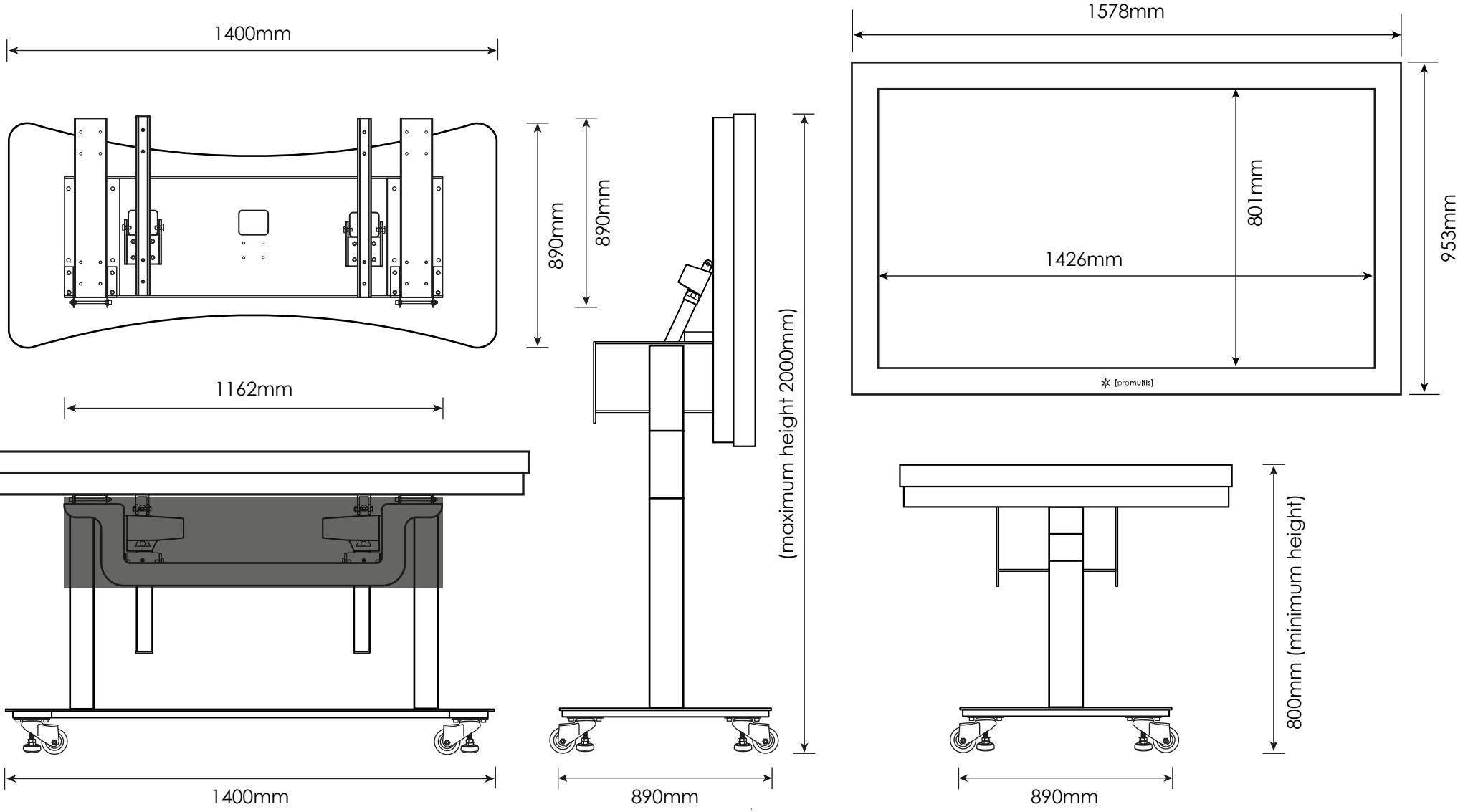
[promultis]

Vari Tilt Pro
with 55” interactive area



[promultis]

Vari Tilt Pro
with 65” interactive area



[promultis]

Varitilt Elite Mobile Table

Large electric height adjustable collaborative table with easy access from all sides.
Ideal for Conference Rooms, Hospitality Suites, Training Areas and Trade Shows.

55" TO 85" INTERACTIVE AREA

10, 20 OR 100 TOUCH POINTS
WITH PROJECTED CAPACITIVE

10 OR 32 TOUCH POINTS
WITH INFRARED

SECURE PC COMPARTMENT
AND CABLE MANAGMENT

HDMI AND USB CONNECTIVITY

EASY ACCESS ALL SIDES

4K UHD, BACK-LIT LED SCREEN

TEMPERED GLASS

OPTIONAL i5 or i7 PC

ELECTRIC HEIGHT
AND TILT ADJUSTABLE

PROFESSIONAL FLOOR
LEVELLING CASTORS

3 YEAR ON-SITE WARRANTY

STEELITE INTERNATIONAL
MADE IN BRITAIN
MADE FOR LIFE

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www.magicviu.com

If you require an interactive, multitouch screen that is both mobile and has an easy to use configuration of screen height and angle then the Promultis Varitilt Elite is the solution.

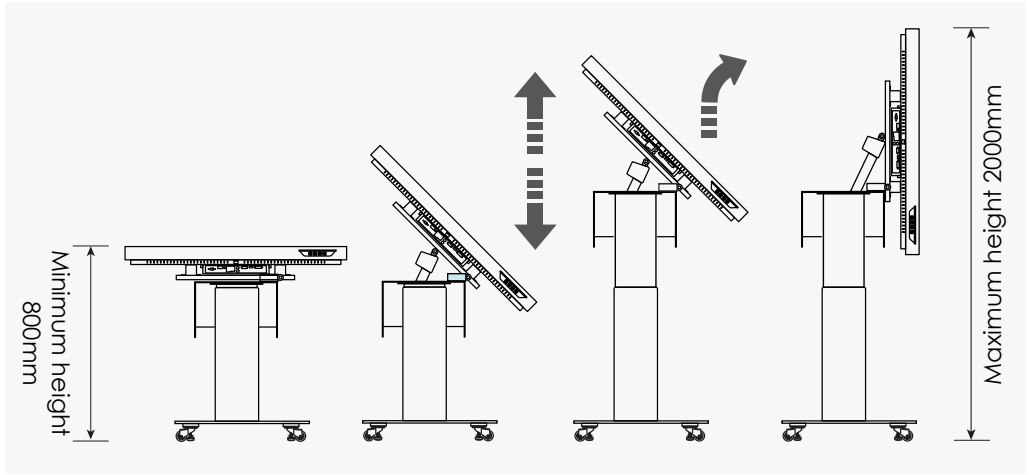
The Promultis Vari Tilt Elite is one of our most versatile products and is available in a variety of screen sizes from 55" all the way up to 86" with the choice of 1080p HD or 4K UHD resolution. Utilising either Projected Capacitive or Infra-red touch technology. The real selling point with this range however, is it's flexibility and mobility!

The Promultis Varitilt Elite has height and tilt adjustment, the height elevation is adjusted by two powered columns to provide stability and finite adjustment. This allows the platform to be lifted, or lowered, effortlessly at the touch of a remote control. The Varitilt elite also features fully powered tilt adjust. With its floor levelling castors, the Promultis Vari Tilt products can also be moved easily from room to room, much more convenient than a traditional wall mounted screen.

The mobility and adaptability afforded to the Vari Tilt really does set it apart from the competition. The fact that this product can be used as a very low table (improving accessibility for children and wheelchair users) or used as a high standing desk, or even tilted as a fully upright display or kiosk, means the Vari-tilt can be utilised in a wide variety of applications. The portability and flexibility of the Vari-tilt range has proven very popular in the education, SEN (Special Educational Needs), and the training market sectors.

Integrated USB connections

Includes 4 USB ports accessible from the sides of the table for connection to external devices.



The flexible solution

The ability to adapt the height and the angle of the unit depending on the room, the light and the number of people viewing the screen is unsurpassed by any other product. The ease of which the unit can be moved between rooms also makes the Vari Tilt very well suited to the flexibility of multi-room use.

Branding & Software Solutions

Promultis can completely customise the unit with your branding while also providing interactive, digital signage solutions to meet your presentation and education needs.

Bespoke Interactive Software

Engage with customers through a fully branded, interactive application with multi-user, collaborative interface incorporating your corporate identity, images, literature, audio files, videos, web sites and social media.

The 84" Vari Tilt Elite was part of the Promultis solution for the training and research facility at Glasgow NHS hospital.

Software options

The Snowflake Suite Ultimate is perfect for education and training, its fully featured with all over 52 apps, including presentation, creativity and productivity tools, as well as games. It is intuitive and easy to use and customisable to suit your needs.

Dubai GEMS Academy with Vari Tilt Elite for enhanced teaching and learning allowing interaction and collaboration from students.

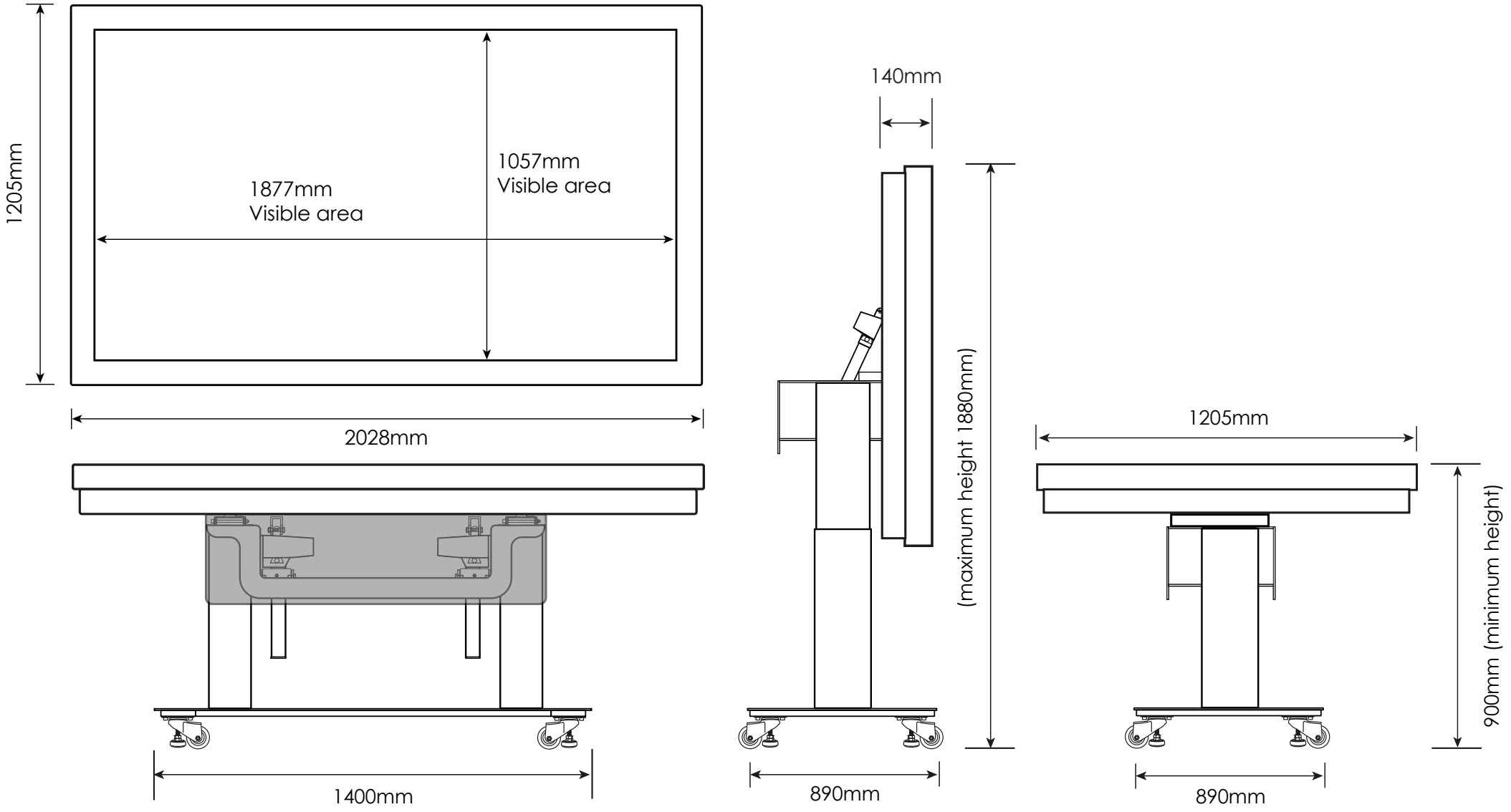
CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
Tray	Cable Mangement and PC shelf
Mobility	4 Professional Floor Levelling Castors
PANEL	
Interactive area	65" | 75" | 86"
Panel resolution	1080p HD or 4K UHD
Native resolution	1920 x 1080 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA's available at an additional cost	

INFRA RED TOUCH	
Touch Points	10 & 32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows, MAC, Linux, Android
PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	10, 20 or 100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute

PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

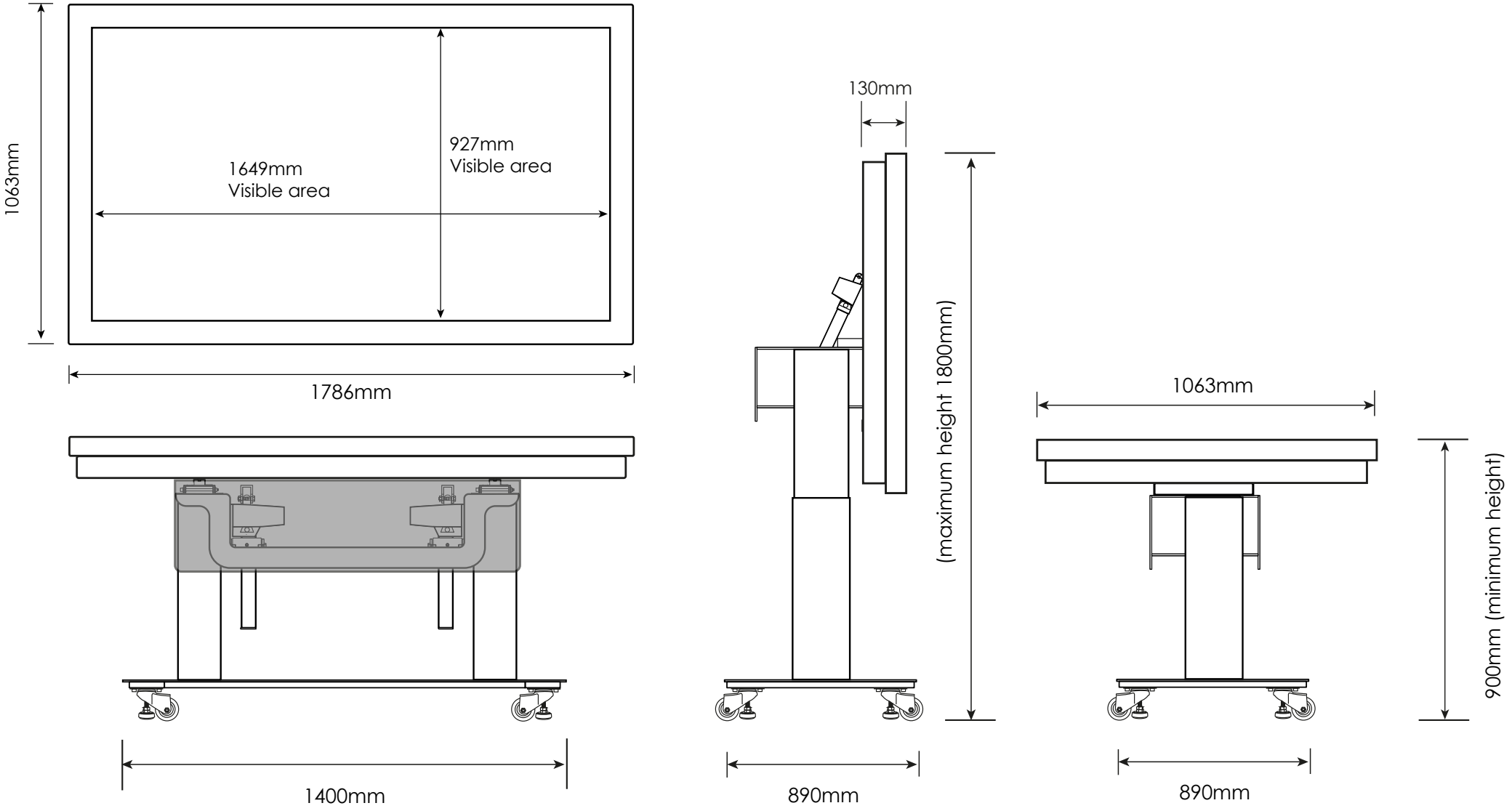
[promultis]

Varitilt Elite with 85" Projected Capacitive Touch screen



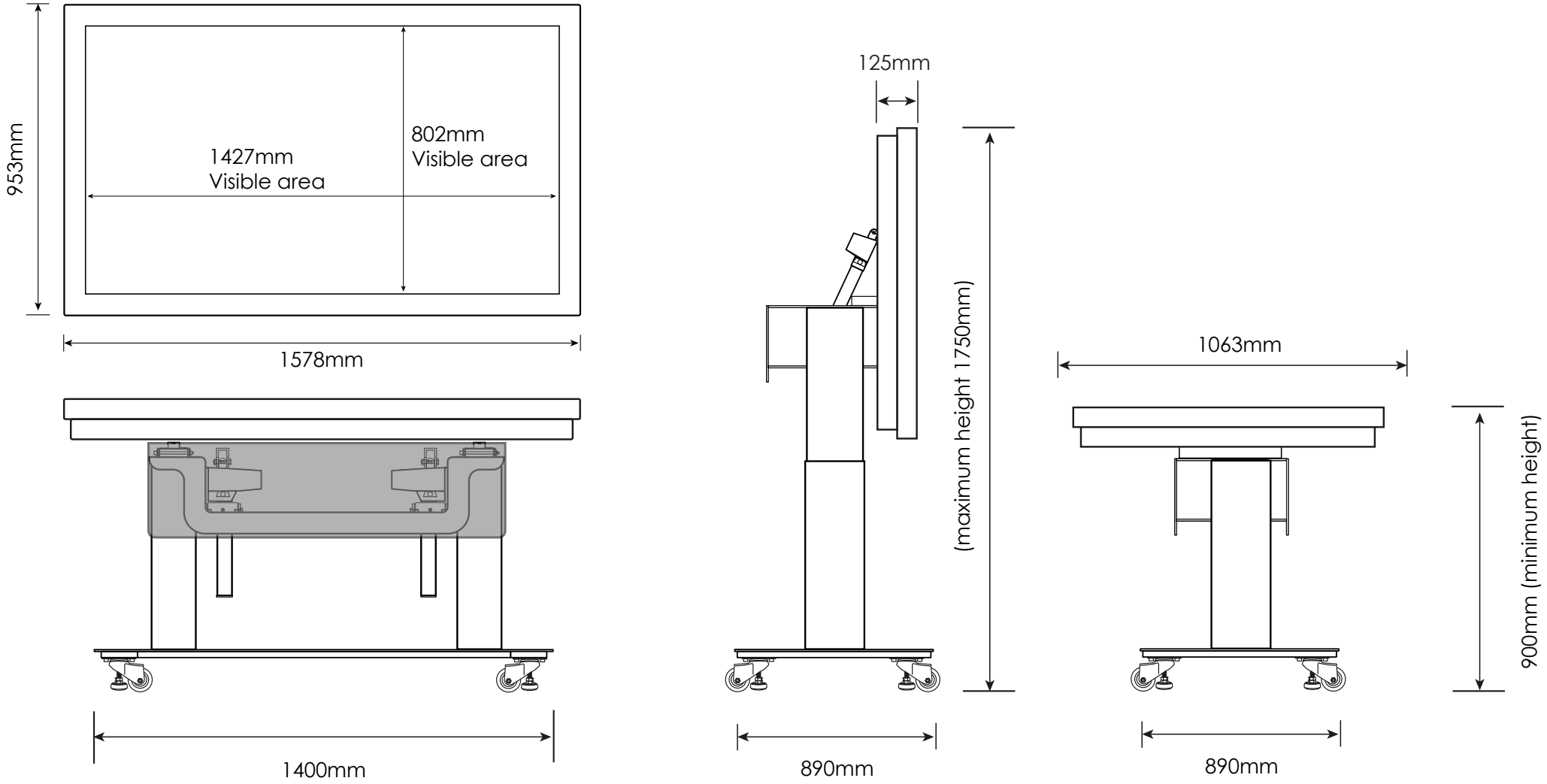
[promultis]

Varitilt Elite with 75” Projected Capacitive Touch screen



[promultis]

Varitilt Elite with 65" Projected Capacitive Touch Screen



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[promultis]

Varitilt Mobile Table

Electric height and tilt adjustable collaborative table with easy access from all sides.
Ideal for Care Homes, Conference Rooms, Hospitality Suites & Training Areas.

43" TO 55" INTERACTIVE AREA

10 OR 100 TOUCH POINTS WITH
PROJECTED CAPACITIVE TECHNOLOGY

10 OR 32 TOUCH POINTS WITH
INFRARED TECHNOLOGY

OPTIONAL i5 or i7 PC

ELECTRIC HEIGHT AND
TILT ADJUSTABLE

HDMI AND USB
CONNECTIVITY

EASY ACCESS ALL SIDES

4K UHD, BACK-LIT LED SCREEN

INTEGRATED ANDROID
USE WITHOUT A CONNECTED PC

ANTI-BACTERIAL FILM OPTION
CURRENTLY BEING TESTED FOR COVID-19

BATTERY OPTION

PROFESSIONAL FLOOR
LEVELLING CASTORS

3 YEAR ON-SITE WARRANTY

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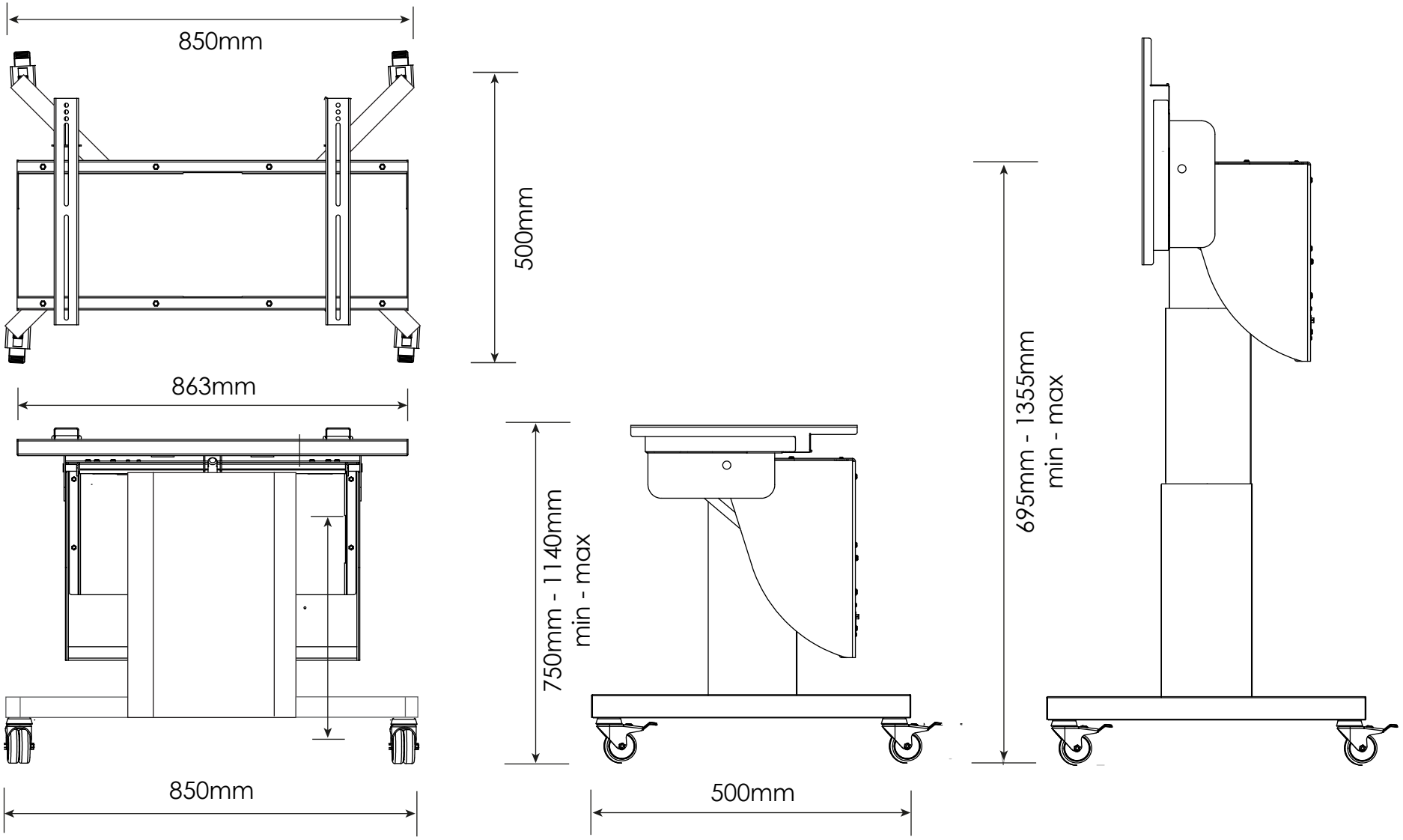
[promultis]

Varitilt trolley



43” Electra Touch Screen

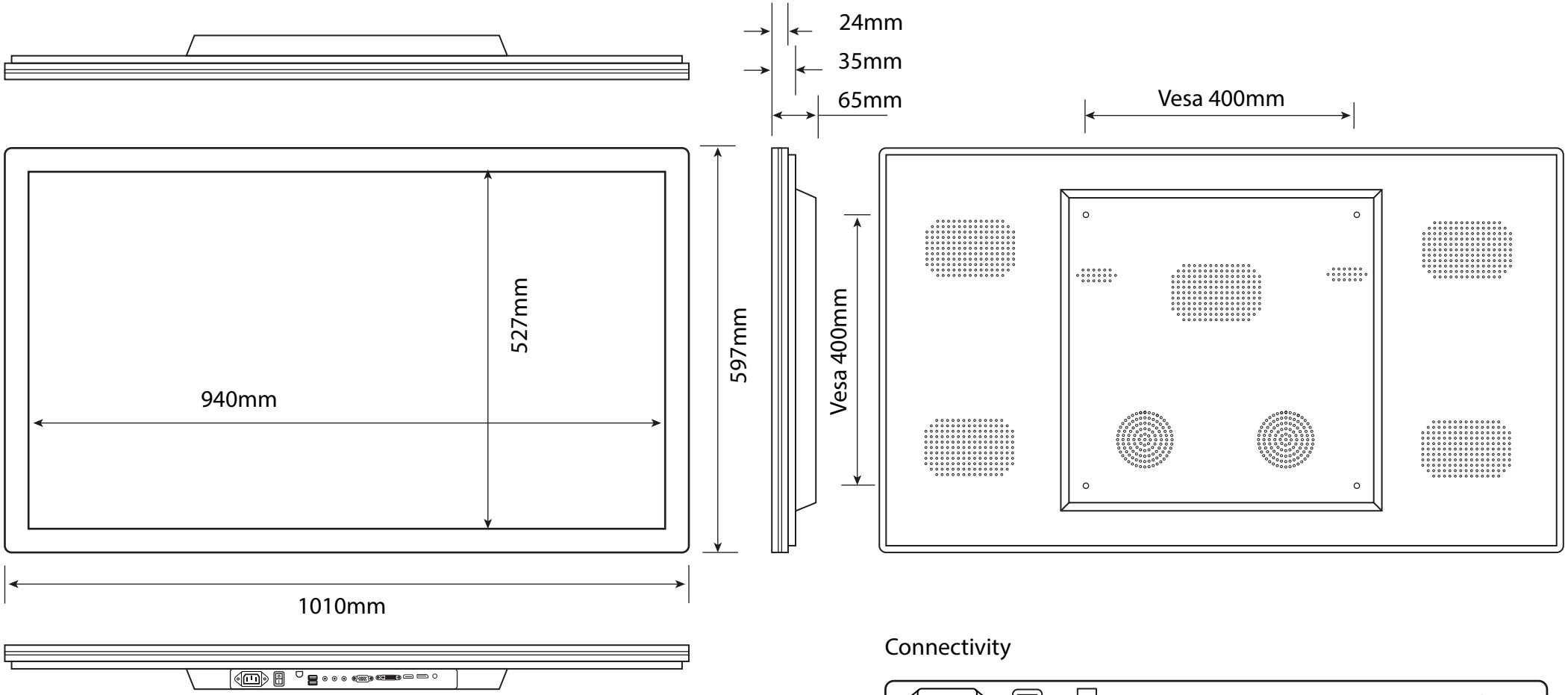
DISPLAY PANEL	
Screen Size	43” TFT-LCD
Display area	941mm (W) x 529mm (H) 16:9
Maximum Resolution	3840 x 2160 4K UHD
Display color	16.7M
Pixel Pitch(mm)	0.63 (H) x 0.63 (V)
Brightness (cd/m2)	500cd/m^2
Contrast (Type)	3000 : 1
Visual angle	178°/178°
Response time	5ms
Life (hrs)	>60,000 (hrs)
TOUCH	
Detection Method	Projected Capacitive
Avalilable Touch Point	10 Point
Response Time (Type)	<= 10 ms
Positioning	±2mms
Transmittance	≥92%
Hardness	7H
MECHANICAL	
Monitor Size	1010mm (w) x 597mm (h) x 65mm (d)
Colour	Black
Case	Metal Case SPCC
Certificate	CE FCC
Quality Standard	ISO9001,CCC
Weight	75Kg

CONNECTIVITY	
HDMI	1
USB	1 (USB2.0 interface)
VGA	1
L/R audio input	1 (RCA*2)
L/R audio output	1 (RCA*2)
Speaker	2×5W(9Ω)
POWER	
Input Voltage	AC100 ~ 240V 50 /60 HZ
Maximum power consumption	≤220W
Standby power consumption	<5W
TEMPERATURE	
Working temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Working humidity	85%
Storage humidity	85%
PRE-LOADED SOFTWARE	
Whiteboard Software	Android & Windows versions available
WARRANTY	
3 year on-site warranty as standard	
Extended warranties and SLA’s available at an additional cost	

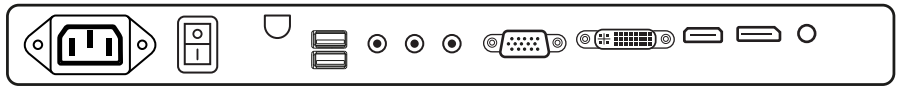
Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

[promultis]

43inch Electra Touch Screen with Projected Capacitive Technology



Connectivity



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

55” Lightning III Touch Screen

Dimensions	
Width	1311 mm
Height	783 mm
Depth	112.7 mm
Weight	40 kg
Visible screen	1209.6mm x 680.4mm

Display	
Touch points	32
Screen Type	LED Backlit
Aspect ratio	16:9
Resolution	Full HD
Pixels	1920 x 1080
Android OS	✓
Brightness	350 cd/m^2
Contrast	1400
Response Time	8ms
Number of Colours	16.7M (8-bit)
Refreshing Frequency	60Hz
View Angle	178/178
Service Life (Minimum)	> 30,000 hrs

Touch System	
Sensing Type	Infrared System (32 point operation : 65 FHD modle 10 point)
Response Time	<10ms(typ)
Response Area	>=Ø3ms
Reported Touch Resolution	32768x32768 (with driver) : 7680x4320 (without driver)
Communication Mode	USB

Ambient Conditions	
Operation Temperature	0°C-40°C
Operation Humidity	10% - 90% RH
Storage Temperature	-20°C-60°C
Storage Humidity	10% - 90% RH

Main Board Module	
Main Chipset Manufacture	MSTAR

Audio	
Max Audio Output (THD=7%)	15Wx2+20Wx1

Connectivity	
Composite Video Input (Mini Jack)	1
Composite Audio Input (Mini Jack)	3
Component Video intput(Mini Jack)	0
Component Audio Input (Mini Jack)	0
S-video Input	0
VGA Input:(D-sub)	3

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

VGA Output:(D-sub)	1
VGA Audio Input	3
VGA Audio Output (Mini Jack)	0
HDMI Input	2 (Support 4K Input)
DP Input	1
A/V Output (Mini Jack)	0
Earphone Jack	1
RS-232C(Type)	1
SPDIF Output(Optical/ Coaxial)	1 (Optical)
USB 2.0	1 (Side) +2 (Front)
USB 3.0	2
USB2.0 for camera For Android & Windows	1
LAN(RJ45)	1
Updating interface	USB
WAN(RJ45)In	1
WIFI router	1 (A/B/G/N)

Supplied Accessories
AC Power Cable / Operating Instructions / Quick Start Guide / Writing Pen / Remote Control / VGA Cable / USB Cable / HDMI Cable / Guarantee Card

Warranty
3 year on-site warranty as standard
Extended warranties and SLA's available at an additional cost

Andriod OS	
System Version	Android 5.01
CPU	ARM Cortex A53 1.5G
GPU	Mali450x4
RAM	2GB

Optional USFF PC integration in rear		
Processor	Intel i5	Intel i7
Graphics	Integrated	2GB Dedicated
Sound Card	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo
Networking	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption
Memory	4G DDR3	8GB DDR3
Hard Drive	500G SATA (SSD option)	M.2 128GB SSD
WIFI	802.11b/g/n /802.11a/b/ g/n (optional)	802.11b/g/n /802.11a/b/g/n (optional)
USB(A)	6(4 for USB2.0 2 for USB3.0)	6(4 for USB2.0 2 for USB3.0)
Microphone In	1	1
Earphone Out	1	1
HDMI	1	1
Mini DP	1	1
Lan Port(RJ45)	1	1

Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

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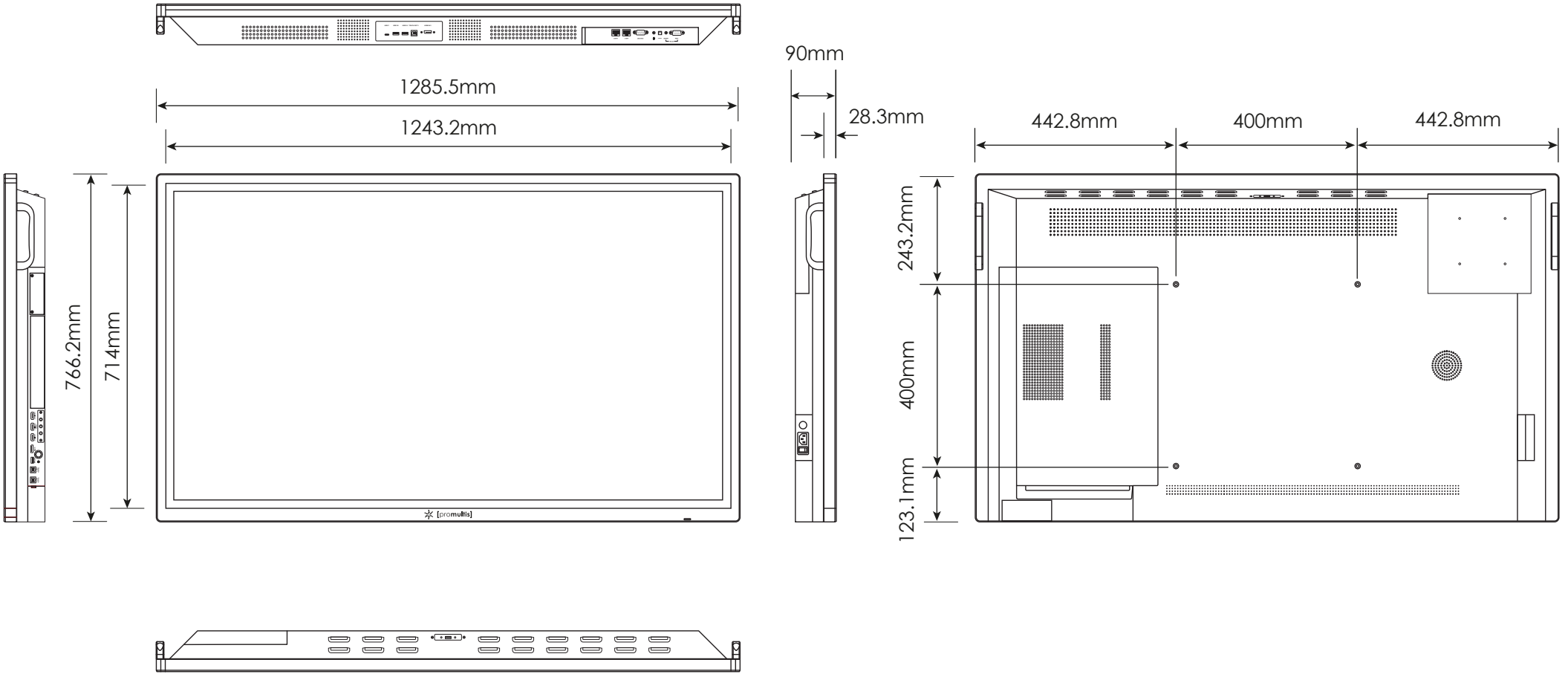
55inch Lightning III Touch Screen

with Infrared Technology



Note: Product design specifications including dimensions are subject to change without notice and may vary from those shown.

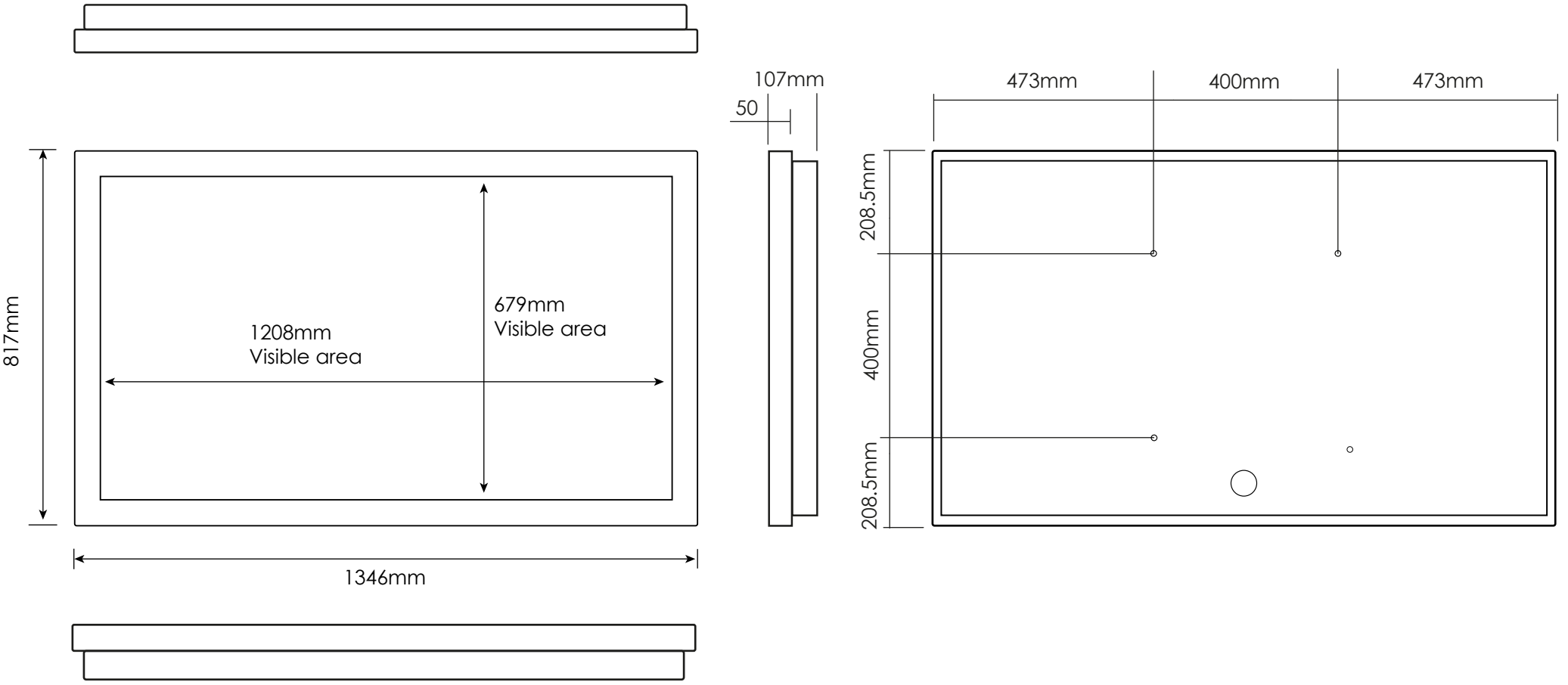
55” TAB Touch Screen

CHASSIS FEATURES	
Materials	Aluminum
Glass type	Toughened
PANEL	
Interactive area	55"
Panel resolution	1080p Full HD or 4K UHD
Native resolution	1920 x 1080 or 3840 x 2160 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2
ENVIRONMENT	
Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
SHIPPED WITH	
Cables	Power | USB | HDMI
Remote control	Included
User manual	Included
WARRANTY	
3 year repair or replace warranty as standard	

PROJECTED CAPACITIVE	
Detection method	Projected Capacitive
Input method	Finger and gloved finger
Number of simultaneous touches	10, 20 or 100 touches
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Interface	HID
OS with multitouch	Windows 8.1, 8, 7, 10: Ubuntu 12.04; Android; Chrome OS
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute
PERFORMANCE	
Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA
RELIABILITY	
Operating temperature range	-20°C to 70°C
Operating humidity range	0% to 96%
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours

[promultis]

55inch Boxtop Touch Screen with Projected Capacitive Technology



[promultis]

Object Recognition Pucks

Detect Physical Objects with Projected Capacitive technology

DETECT PHYSICAL OBJECTS ON TOUCHSCREENS

Based on projected capacitive technology

Promultis object recognition works with projected capacitive (PCAP) technology. The capacitive touch screen is activated by human touch, or in this case conductive tags of object recognition, which serves as an electrical conductor to stimulate the electrostatic field of the touch screen. The object is recognized when the tags interfere with the electric field projected above the surface. This change in capacitance is detected by the controller which interprets the X and Y coordinates of the event.

Tags with no battery

The object recognition tags require no power or battery. They are passive, which gives them much more flexibility and durability.

TAG OPTIONS

SLIM

DIAL

SLIM

DIAL

TAG

The smaller tag will allow up to 6 objects to be recognised by the projected capacitive technology.

TAG+

The larger tag+ will allow up to 16 objects to be recognised by the projected capacitive technology.

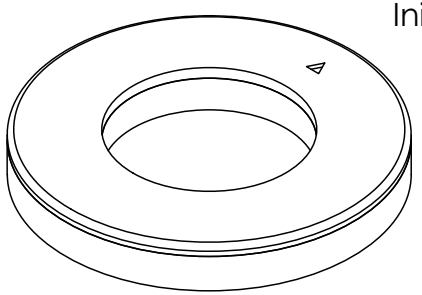
SPECIFICATIONS TAG or TAG+	
Touch technology	Projected Capacitive
Glass Thickness	Up to 4 mm / Up to 0.16 inches
Number of different tags recognized	TAG 6 TAG+ 16
Tag diameter	TAG ø 94 mm / ø 3.70 inches TAG+ ø124mm / ø 4.88 inches
Tag thickness	13 mm / 0.512 inches
Tag weight	TAG 35 g TAG+ 47 g
Materials	Biodegrable thermoplastic polymer
Number of contact points per tag	Up to 4 contact points
Detection	Position, Drag and Rotation Angle
Communication protocol	TUIO 1.1 and 2.0
Software	Promultis connect
Supported OS	Window 7 or higher
Number of tags per pack	TAG 6 units TAG+ 16 units
SLIM	Tag made of Biodegrable thermoplastic polymer perfect for integration
DIAL	Knob Type of tag; aluminum with plexiglass ring including all and ready to use
POWER CONSUMPTION	
Power required	Battery Free
WARRANTY	
Warranty	2 years

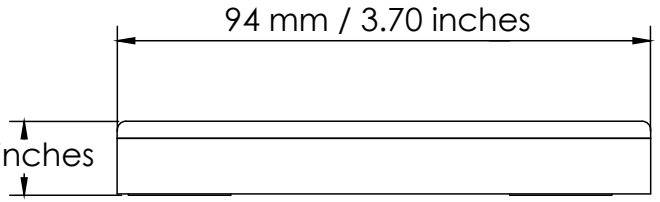
[promultis]

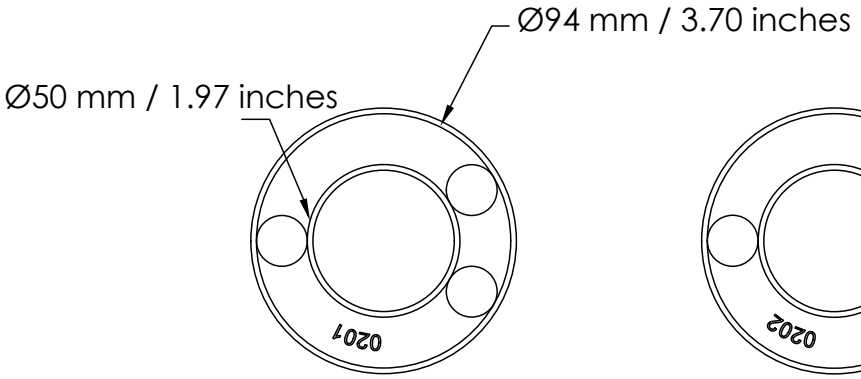
Object Recognition Tags

Allows up to 6 objects to be recognised by the projected capacitive technology

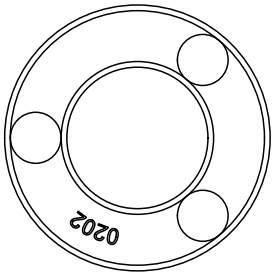
Initial Detection Angle 0°



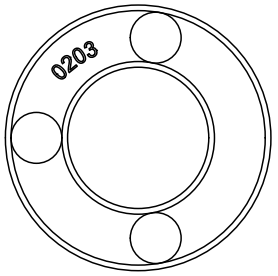




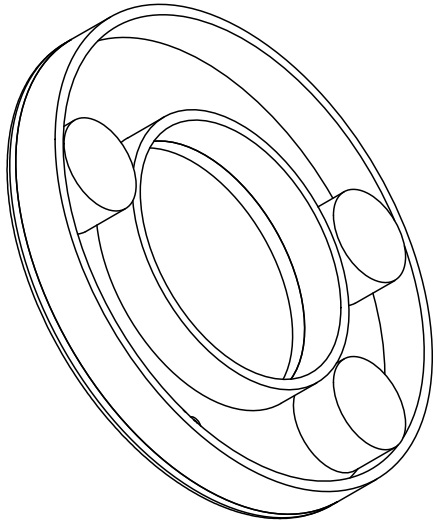
TAG 1

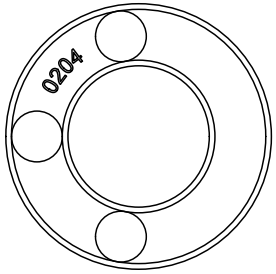


TAG 2

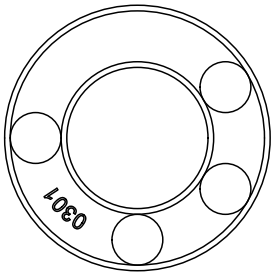


TAG 3

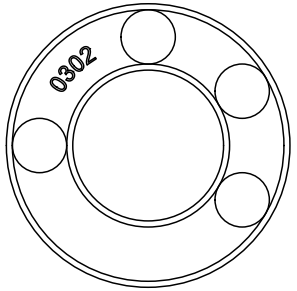




TAG 4



TAG 5

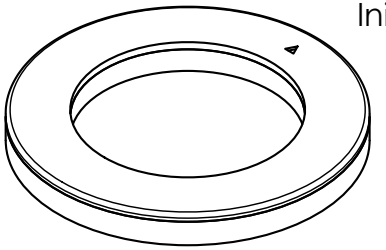


TAG 6

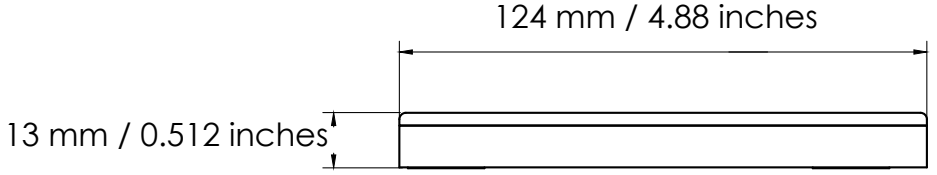
[promultis]

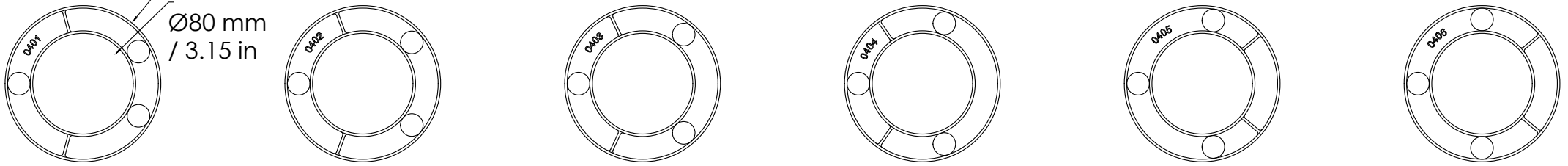
Object Recognition Tag+

Allows up to 16 objects to be recognised by the projected capacitive technology

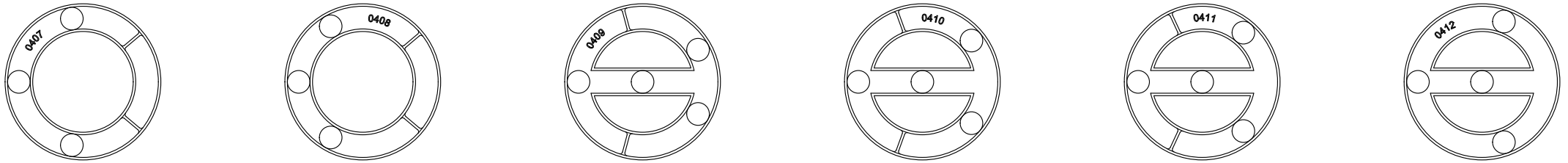


Initial Detection Angle 0°

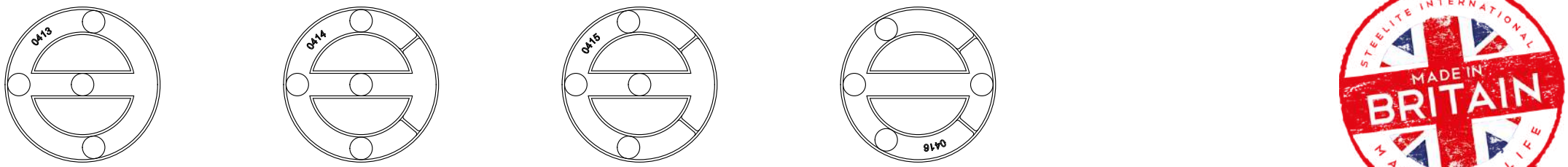




TAG 1 TAG 2 TAG 3 TAG 4 TAG 5 TAG 6



TAG 7 TAG 8 TAG 9 TAG 10 TAG 11 TAG 12



TAG 13 TAG 14 TAG 15 TAG 16

MAGICVIU

For more exciting multitouch products visit
www.magicviu.com

[promultis]

videowall

Slim Bezel

Control Solutions

Design Service

- Create a high impact video wall installation
- Thin almost invisible bezel
- Standard/High brightness, 1080p & 4K LED screens
- Latest infra red touch technology
- Projected capacitive touch technology
- Fully bespoke software solutions available
- Custom design & installation service

Promultis bespoke standard, multitouch and gesture, high brightness, slim bezel Video Walls offer the perfect display solution for large-scale viewing environments

Promultis can create bespoke multiuser collaborative content for the table

click here for website examples

Standard video walls

Promultis Video Walls are the perfect display solution for large-scale viewing environments.

Ultra-narrow bezel LCD flat panels are perfect for creating high-definition, near-seamless tiled display walls in any configuration.

Our professional and industrial-grade, high brightness screens offer up to 800nits for superior visual performance.

These large format displays are ideal for exhibitions, events, corporate boardrooms, receptions, shopping centres, museums and control rooms.

Digital Signage

Hotel Reception

Marketing Suite

Exhibition rentals

Multitouch video walls

Utilising the latest Infra Red touch technology, Promultis Multitouch Video Walls enables up to 32 touch points and allows multiple users to simultaneously interact with the video wall to achieve a fully collaborative environment.

Featuring a glass front to provide maximum ruggedness to a modular, near seamless touch surface that protects the LCD screens.

The touch screen is self-supported, not putting pressure on the LCD displays. This also enables ease of maintenance as the touch screen can be lifted away for easy monitor adjustment.

These large format displays are ideal for large collaborative environments.

Reception Area

Atrium

Corporate Event

Exhibition Stand

Conference Room

Projected Capacitive Multitouch video walls

Following extensive research & development, our hardware & software engineers were able to manufacture and install a world first! The first curved interactive video wall that utilises projected capacitive touch technology!

Consisting of industry standard, high brightness, high definition screens in a 9x1 configuration, this wall is a true sight to behold. The curved design results in a much more engaging experience for the user, making the content feel closer than ever before.

The solution is also capable of up to 360 touch inputs at any one time, so if required, 36 people could interact with the wall at the same time with both hands! The solution is driven by a Promultis built server using only the highest grade components and graphics cards, ensuring the wall runs smoothly for extended periods at all times.

We have the know how to make your content feel closer and more engaging when utilising a curved design, this is a true breakthrough in the world of interactive video walls and opens a new world of possibilities for our clients.

Gesture and motion-activated solutions

Promultis offers motion-activated and multitouch solutions that allow the user to interact with immersive, instructive and entertaining content.

Promultis video walls can react to a viewer's presence triggered by a camera or touch sensor and track their behaviour.

The software reacts to the viewer's position and movements througfh camera tracking and can update the content on the video wall through a range of effects including dissolves, swirls, reveals, tiles and rotating shapes.

Photo Booth

This bespoke functionality allows photographs taken via the camera to be displayed on the video wall. The example generated a mosaic showing the images within a larger picture.

Automated Audience Measurement

Face detection and analysis technology counts viewers, accurately measures their dwell and attention times, estimates their gender and age ranges.

This solution delivers the ability to automatically adapt content - in real-time - to the demographics of the audience. As well as statistics-based insight about users and their preferences based on onscreen selections.

Real-time collaboration solutions

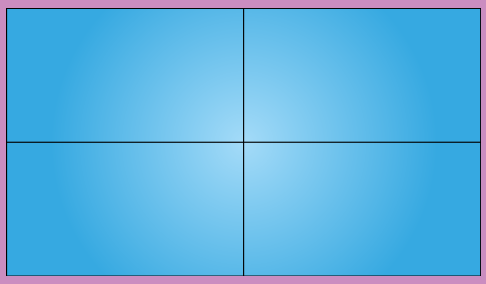
Promultis Video Wall solutions include the ability to interact with screen content in real-time from other Promultis Touch Screen products or external devices such as tablets.

Promultis supply interactive interfaces for delivering accessible, fully-branded, media-rich presentations.

Screen configuration

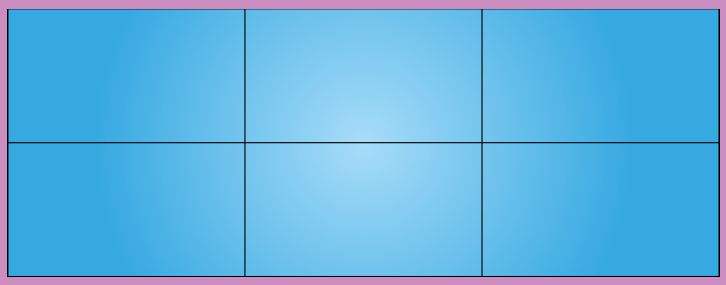
2x2 Video Wall

47" screens - 2090mm x 1180mm*
55" screens - 2431mm x 1372mm*



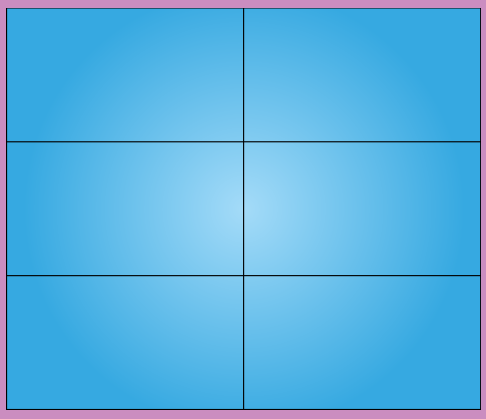
3x2 Video Wall

47" screens - 3135mm x 1180mm*
55" screens - 3646mm x 1372mm*



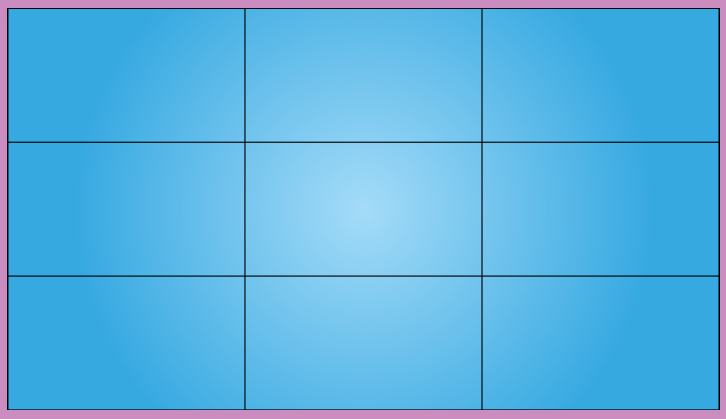
2x3 Video Wall

47" screens - 1180mm x 3135mm*
55" screens - 1372mm x 3646mm*

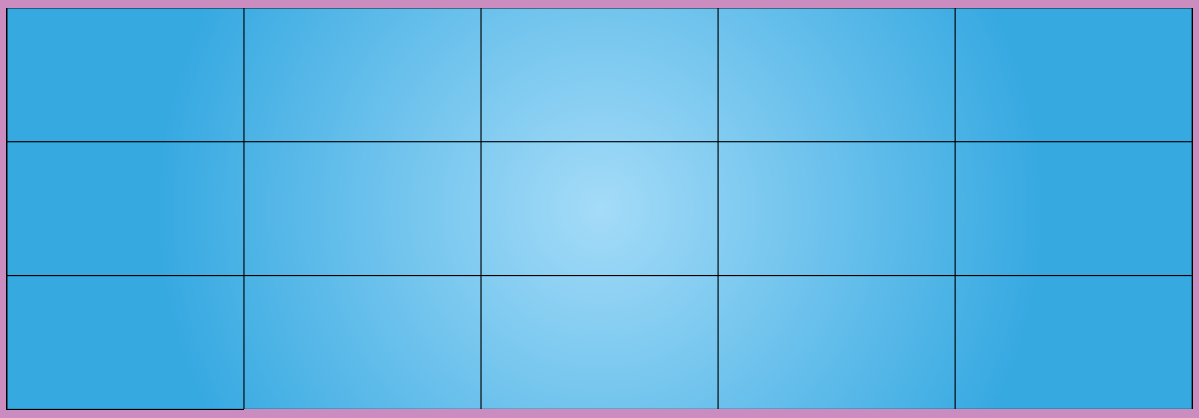


3x3 Video Wall

47" screens - 3135mm x 1770mm*
55" screens - 3646mm x 2058mm*



Unlimited size Video Wall



* Denotes the visible screen area and does not include the video wall structure

Custom Design and Installation Service

Our expert team have extensive experience of designing and installing video wall solutions and offer a complete range of services from design through to installation, and, when necessary, dismantling and collection.

Bracket and frame choice is determined by the environment in which the video wall is required including issues like accessibility being taken into account. Promultis professional frame solutions offer precision alignment and high end serviceability.

Fingal, Ireland

Leeds University

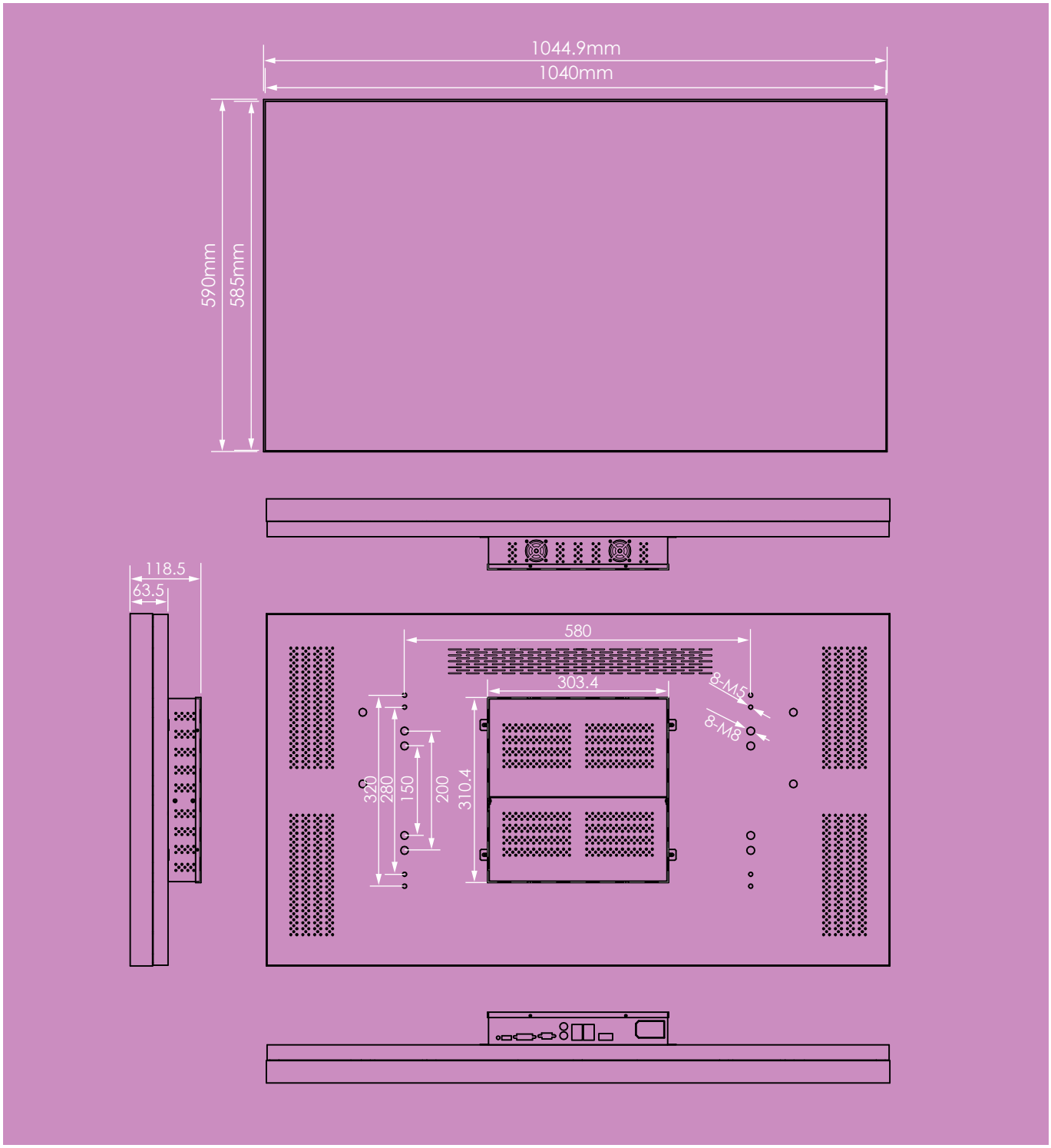
Olympic Park, London

GEMS Nations Academy, Dubia

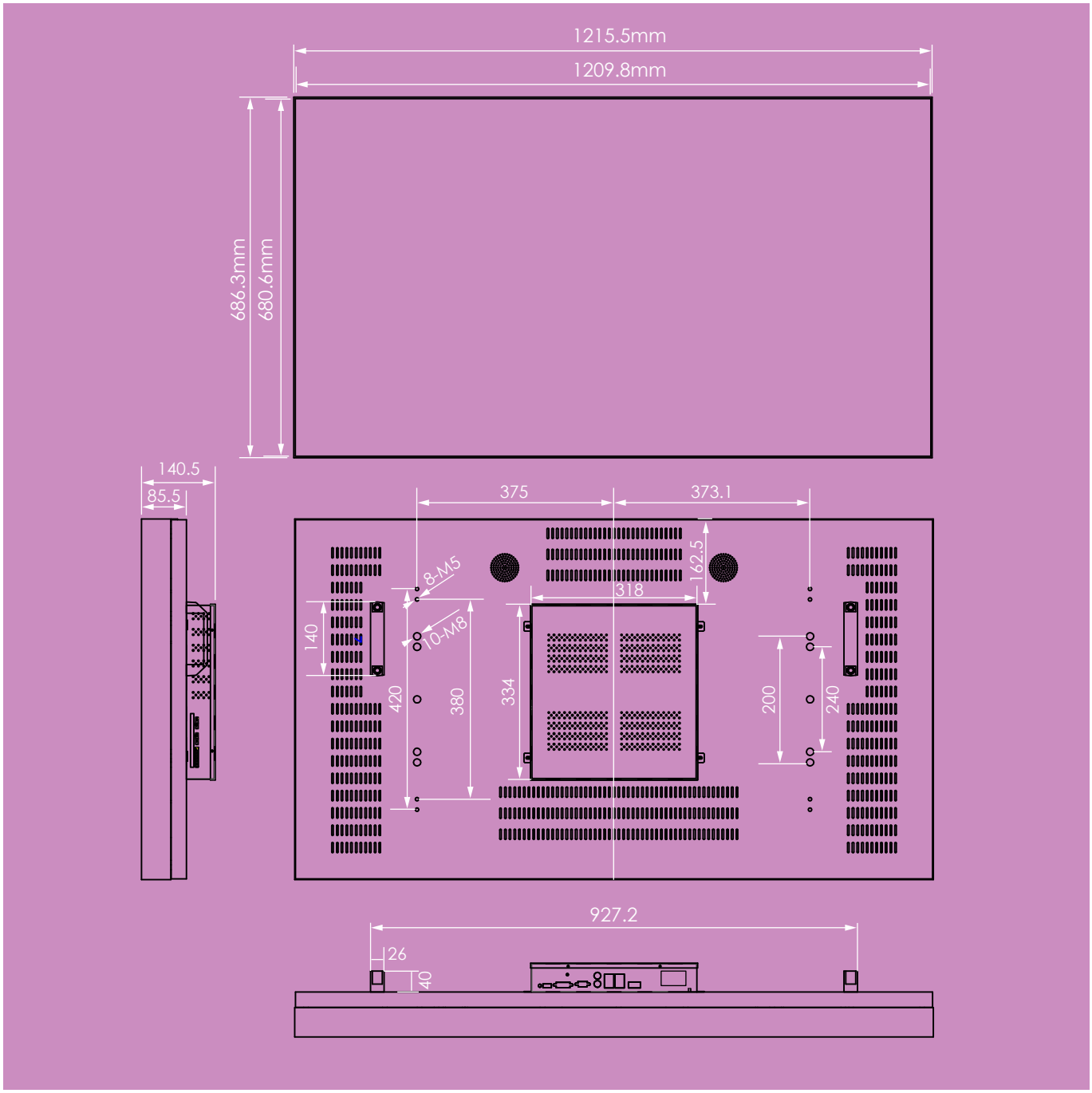
Specification

INFRA RED TOUCH TECHNOLOGY	
Touch Points	32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
PANEL SPECIFICATION	
Relative Humidity	10%~90%RH
Supported OS	Windows, MAC, Linux, Android
Aspect Ratio	16:9
Max Resolution	1920 x 1080
Colour	8 bit, 16.7M
Brightness (nits)	500 cd/m^2
High Brightness (nits)	800 cd/m^2
Contrast	1400:1
Visual Angle (H/V)	178°
Response Time	<=6ms
Life (hrs)	>100,000 (hrs)
VIDEO WALL CONTROLLER (built-in each screen)	
Model Number	US-P817W
DVI in	1
HDMI in	1
VGA in	1
Composite Video Input/(AV)	1(BNC)
Composite Video Output	1(BNC)
Control signal input and loop out	RS232(RJ45-8)
Split Screen	Support Picture in Picture(PIP/POP)
POWER	
Power Supply	AC100V~240V
Maximum Power Consumption	250W
Standby Power Consumption	<=3W
TEMPERATURE	
Working Temperature	0°C~50°C
Working Humidity	20%-80%
PACKING & WEIGHT	
Packing size	1145mm x 280mm x 690mm
Weight	33KGS
SERVICE AND WARRANTY	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	

47" Screen Specification

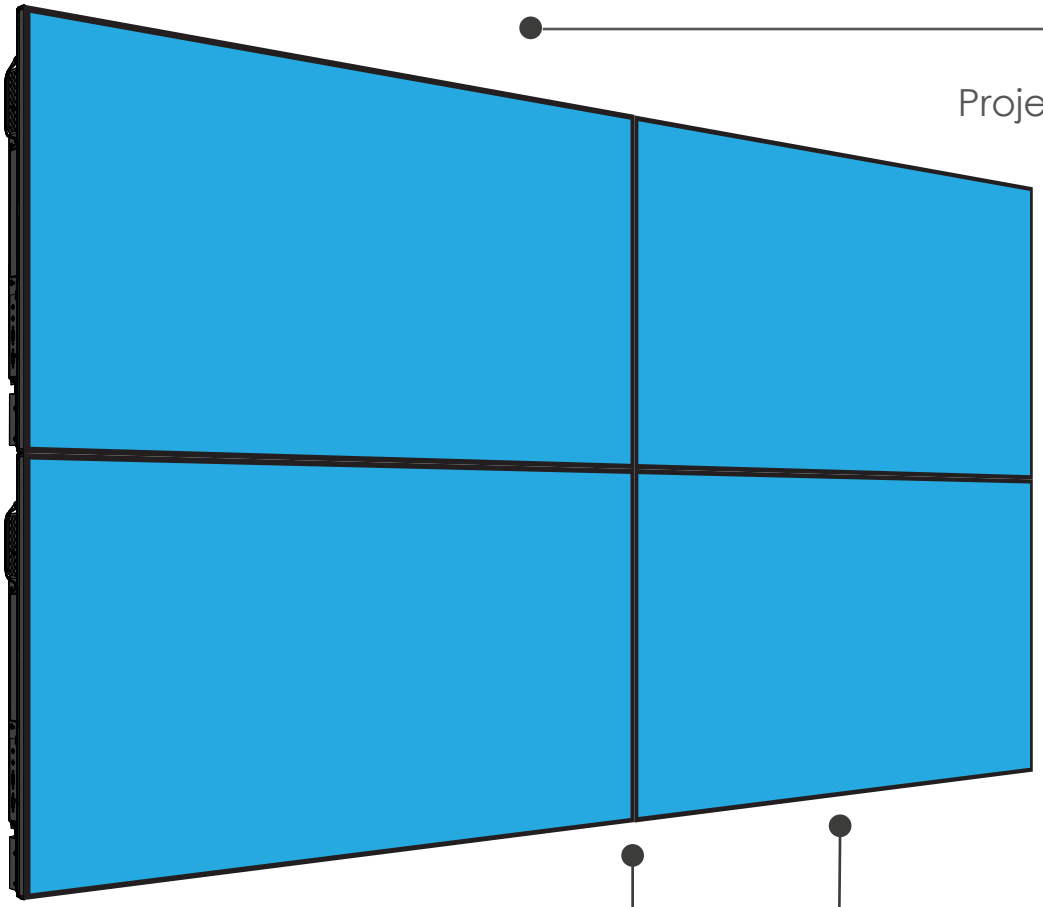


55" Screen Specification



[promultis]

Promultis Blox Video Wall Screen with Projected Capacitive Technology



All-in-one panel

6mm Slim Bezel

Landscape or portrait orientation

Curved Video Wall Option

100 Touch Points with Projected Capacitive technology

55" 1080p HD LED screens

Tough Anti-Glare Glass

Multiple AV Inputs

1 Year swap-out Warranty

Multiple configurations

GENERAL	
Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	55"
Aspect ratio	16 :9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Glass Substrate	Anti-Glare Glass
Substrate thickness	5mm
Bezel Color	Black
Interface	HID
OS with multitouch	Windows 10 , 8, 7 , Ubuntu 12 .04, Linux, Android, Chrome OS
Data connectivity	USB 2.0
Dimensions	1229 x 700 x 77 mm
LCD Bezel	6mm
Gross Weight	Approx . 35kg
VESA Mount	400 x 400
PERFORMANCE	
LCD Response Time	8 miliseconds
Finger separation	1,30% of sensor diagonal
Touch accuracy	0,26% of sensor diagonal
Calibration	Available using control panel : no drift
POWER CONSUMPTION	
Average power consumption (P)	190 W
RELIABILITY	
Operating temperature range	0°C to 40°C
Storage temperature	-20°C to 60°C
Touch Sensor life time expectancy	Unlimited Touch
Controller life time expectancy	1 million hours
Warranty	1 year on-site warranty as standard

Extended warranties and SLA's available at an additional cost

DISPLAY PANEL	
Screen size (diagonal)	55 inch (1387mm)
Panel type	IPS / Edge-LED
Aspect ratio	16:9
Effective display area (w x h)	1209 x 680mm
Number of pixels (h x v)	1920 x 1080 pixels
Brightness	700 cd/m² (Typ)
Contrast ratio	1300:1
Dynamic contrast	50000:1
Response time	8ms (G to G)
Viewing angle (horizontal / vertical)	178° / 178° (CR ≥ 10)
Panel surface treatment	Anti glare
Panel life time*	approx. 60000 hours (Typ)

*1 When the panel lifetime ia at 50% of the brightness under the condition of 25 degrees Celsius (+/-2 degrees celsius)

SPEAKER	
Built in Speaker	20 W [10 W + 10 W]
ELECTRICAL	
Power requirements	220 - 240 V AC 50 / 60 Hz
Power consumption	190 W
On Mode Average Power Consumption * * Based on IEC 62087 Ed.2 measurement method	145 W
Power Off Condition	approx. 0.3 W
Stand-by Condition	approx. 0.5 W
Apparent power	200 VA
MECHANICAL	
Dimensions (W x H x D) [excluding handle part]	1229 x 700 x 77 mm 1229 x 700 x 62 mm
Carton dimensions (W x H x D)	1444 x 922 x 223 mm
Gross weight	approx. 32.0 kg
Cabinet material / colour	Metal / Black
Pitch for wall -hanging	VESA compliant 400 x 400mm
ENVIRONMENTAL	
Operating environment	Temperature : 0°C to 40°C ~1 : 0°C to 35°C *2 Humidity : 20% to 80% (No condensation) Altitude 0 to 2800 m
Storage environment	Temperature : -20°C to 60°C Humidity : 20% to 80% (No condensation)

*1 : for up to 1400 m altitude *2 : for between 1400 m and 2800 m altitude

CONNECTION TERMINAL		
HDMI IN	HDMI Type A Connector x 2	Linear PCM (Sampling frequency : 48 kHz/44.1 kHz/32 kHz)
COMPONENT/ RGB IN	BNC x 1 set	Y/G : BNC Contact Plug with sync 1.0 Vp-p (75Ω) P_C/C_B/B : BNC Contact Plug with sync 1.0 Vp-p (75Ω) P_B/C_B/R : BNC Contact Plug with sync 0.7 Vp-p (75Ω)
AUDIO IN	Stereo Mini Jack (M3) x 1 (Shared with VIDEO IN)	0.5 Vrms
VIDEO IN	BNC x 1 (Shared with COMPONENT/RGB Y/G)	1.0 Vp-p (75Ω) 0.5 Vrms
AUDIO IN	Stereo Mini Jack (M3) (Shared with COMPONENT IN)	0.5 Vrms
DVI-D IN	DVI-D 24-pin x 1	Compliance with DVI Revision 1.0 Compatible with HDCP 1.1
AUDIO IN	Stereo Mini Jack (M3) (Shared with PC IN)	0.5 Vrms
DVI-D OUT	DVI-D 24-pin x 1	Compliance with DVI Revision 1.0 Compatible with HDCP 1.1
PC1	Mini D-Sub 15-pin x 1 (female)	Y/G : with sync 1.0 Vp-p (75Ω) : without sync 0.7 Vp-p (75Ω) P8/C8/B : without sync 0.7 Vp-p (75Ω) P8/C8/B : without sync 0.7 Vp-p (75Ω) HD/VD : 1.0 - 5.0 Vp-p (high impedance)
AUDIO IN	Stereo Mini Jack (M3) x1 (Shared with DVI-D IN)	0.5 Vrms
SERIAL IN/OUT	D-sub 9pin x1/ x 1, RS-232C Compatible	
LAN/DIGITAL LINK IN	RJ45 x 1 100BASE-TX, Compatible with PJLink	
IR TRANSMITTER IN / OUT	Stereo Mini Jack (M3) x 1 x 1	
AUDIO OUT	Stereo Mini Jack (M3) x 1 Variable (- ∞ - 0 dB) [1 kHz 0 dB input, 10 k Ω Load]	0.5 Vrms
USB	USB 2.0 Type A connector x 1 DC 5 V/1A (USB 3.0 is not supported.)	

INCLUDED ACCESSORIES
- AC cord (2.0 m) - Remote Control - Batteries (AAA size) x 2 - Clamper x 3 - operating instruction book

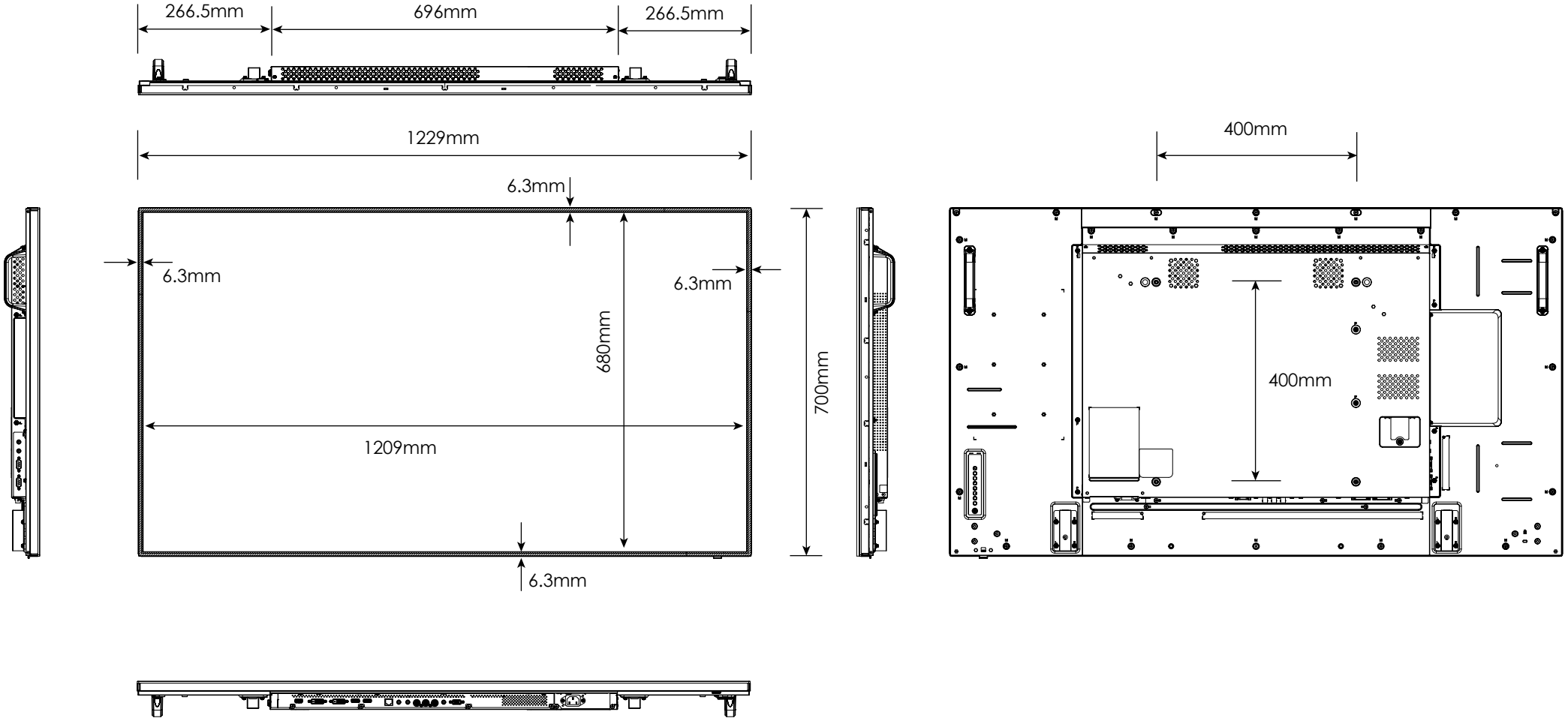
MAIN FEATURES	
USB Media Player	Yes
Fail back & Fail over	Yes
Data cloning	Yes
Early Warning Software compatible	Yes
Multi Monotoring & Control Software compatible	Yes
Operating Time	24h/7d
Digital Zoom	Yes
Multi Display	Yes
Power ON Screen Delay	Yes
1 : 1 Pixel Mode	Yes
Auto setup	Yes
Screen Saver	Yes
HDMI Power Management	Yes
DIGITAL LINK Power Management	Yes
PC Power Management	Yes
DVI-D power Management	Yes
Input Lock	Yes
Button Lock	Yes
Remote-control User level	Yes
Input Search	Yes

STANDARD (CERTIFICATIONS)	
Safety Regulations	IEC60950-1
Radiation Regulations	EN55022:2010 Class A EN55022:2010 EN61000-3-2:2006 + A1:2009 + A":209 Class D EN61000-3-3:2013 AS/NZS CISPR22:2009 RCM Mark

REMOTE CONTROL TRANSMITTER	
Power requirements	DC 3 V
Operating distance *When operated directly in front of receptor	approx. 7m*
Weight	approx. 63 g
Dimensions (W x H x D)	44 x 105 x 20.5 mm

[promultis]

Promultis Blox Video Wall Screen



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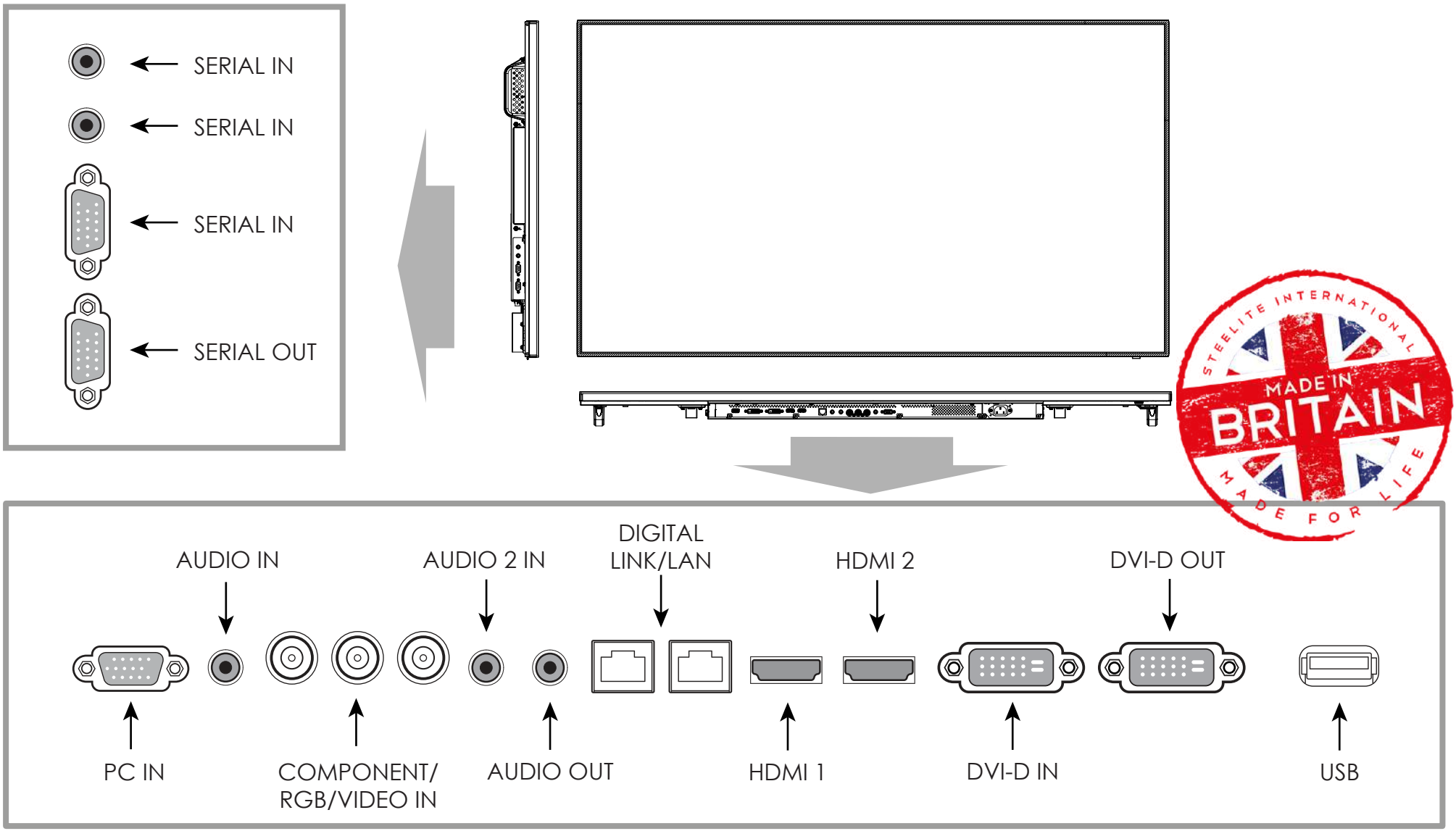
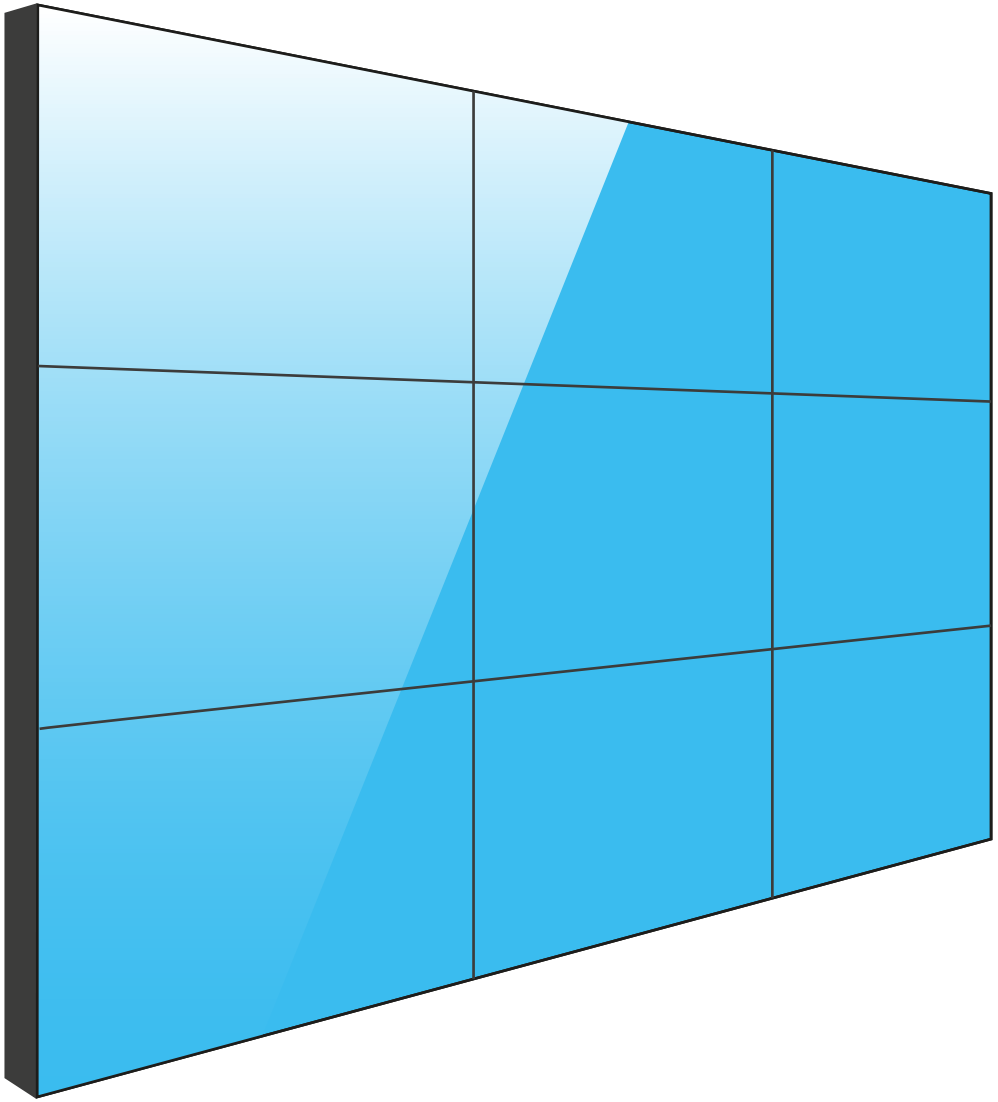
Promultis Blox Video Wall Screen Connectivity



STEELITE INTERNATIONAL MADE IN BRITAIN MADE FOR LIFE

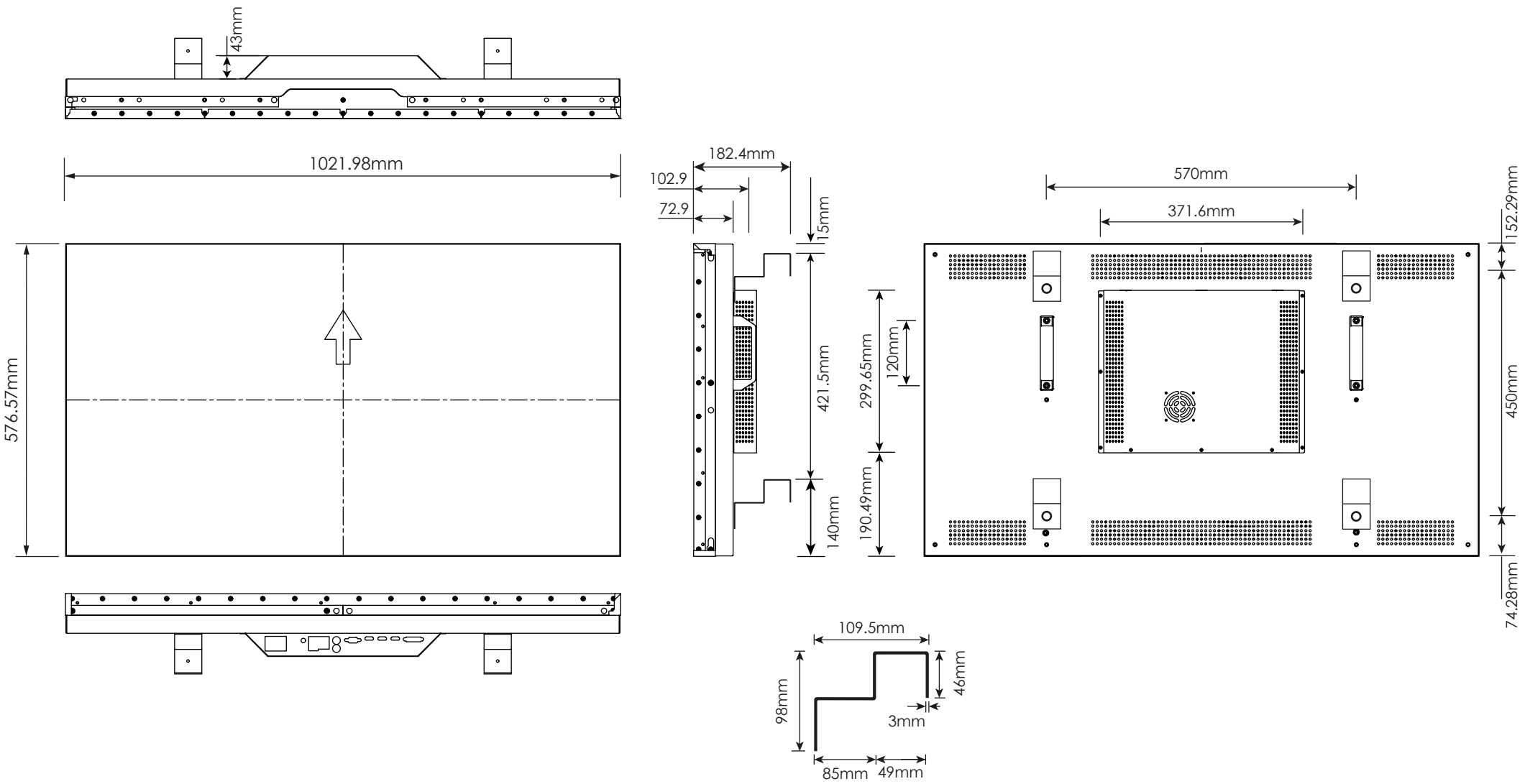
[promultis]

Promultis Video Wall Screens



[promultis]

Promultis Video Wall
46” Panel (3.5mm)



VIDEO WALL SCREEN SPECIFICATION	
Panel Size	46" LCD Screen (super narrow bezel 3.5mm with LED Backlight)
Aspect Ratio	16:9
Max Resolution Support	1920x1080
Pixel Pitch	0.53025×0.53025
Colour	8Bit,16.7M
Brightness (nits)	800cd/m^2
Contrast	3500:1
Visual Angle (H/V)	178°
Response Time	<=6ms
Life(hrs)	>60,000(hrs)
Image	
Aspect ratio	16:9
Quality compensation technology	LTI, CTI
Motion compensation technology	AUTO MOVE
Filter	3D comb filtering, digital noise reduction
Video standard	PAL, NTSC
Power	
Power Supply	AC100V~240V
Maximum Power Consumption	230W
Standby Power Consumption	<=3W

Video Wall Controller(Built-in each Screen)	
Digital signal input	HDMI×1: 1920x1080@60Hz backward compatible
Computer signal input	VGA(DB-15) ×1:1920x1080@60Hz backward compatible
Digital signal input	DVI(DVI-I)×1:1080P(1920×1080) backward compatible
Composite Video Input/(AV)	CVBS(BNC)x1
Composite Video Output	CVBS(BNC)x1
RJ45	4
USB	1(optional)
Computer centralized control interface	RS232
Temperature	
Working temperature	0°~50°
Storage temperature	-20°~65°
Standby Power Consumption	20%-80%
Panel	
Border dimension	Top: 1.7mm; Bottom: 1.8mm; Left: 1.8mm; Right: 1.7mm
External dimension	1018.35mm (wide) x 572.54mm (high) x 125mm (depth)
Net weight	22kg
Shell material	Metal shell, anti-static, anti-magnetic, anti-strong electric field interference
Warranty	
3 year on-site warranty as standard.	
Extended warranties and SLA's available at an additional cost.	

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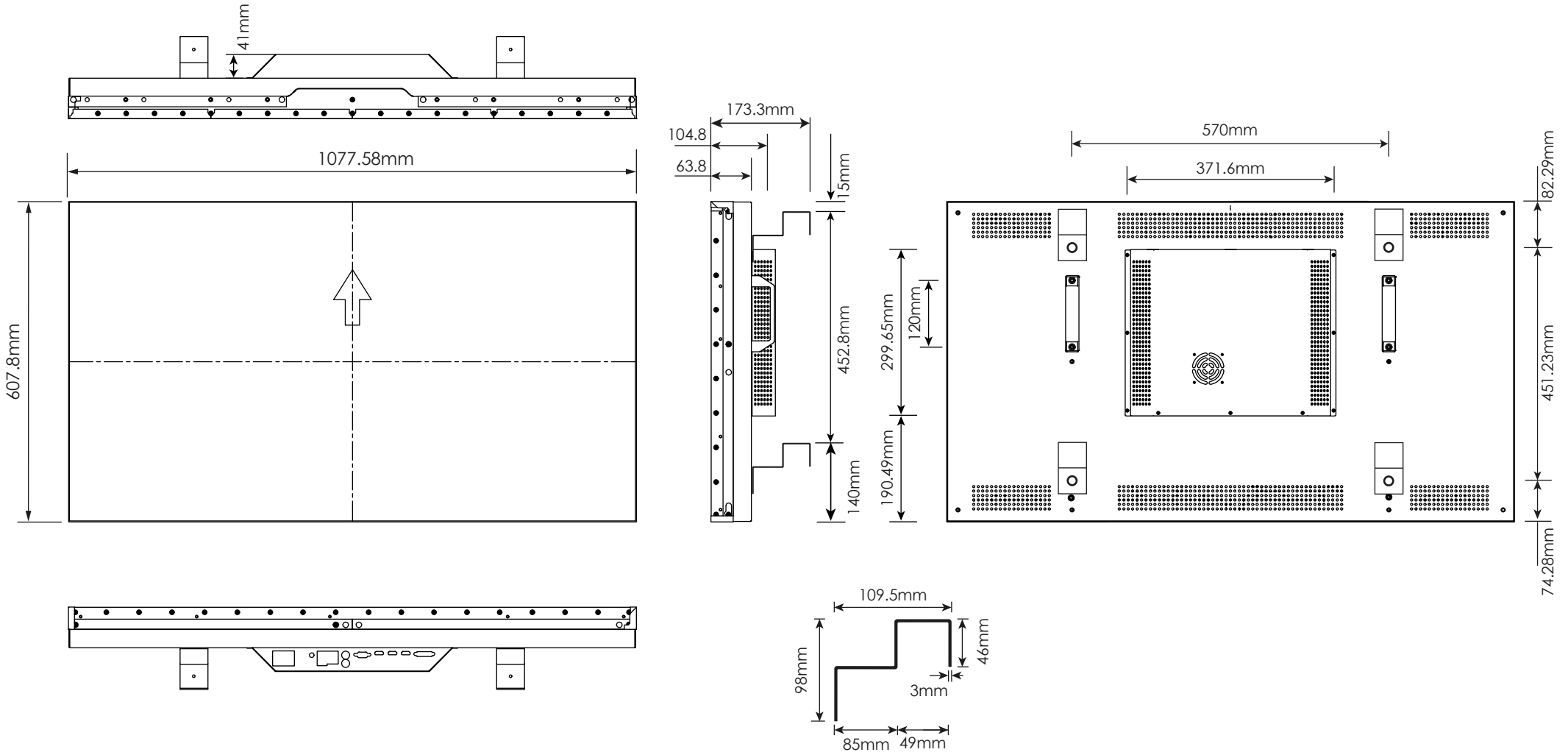
Promultis Video Wall
49” Panel (3.5mm)



VIDEO WALL SCREEN SPECIFICATION	
Panel Size	49" LCD Screen (super narrow bezel 3.5mm with LED Backlight)
Aspect Ratio	16:9
Max Resolution Support	1920x1080
Pixel Pitch	0.53025×0.53025
Colour	8Bit,16.7M
Brightness (nits)	800cd/m^2
Contrast	3500:1
Visual Angle (H/V)	178°
Response Time	<=6ms
Life(hrs)	>60,000(hrs)
Image	
Aspect ratio	16:9
Quality compensation technology	LTI, CTI
Motion compensation technology	AUTO MOVE
Filter	3D comb filtering, digital noise reduction
Video standard	PAL, NTSC
Power	
Power Supply	AC100V~240V
Maximum Power Consumption	230W
Standby Power Consumption	<=3W

Video Wall Controller(Built-in each Screen)	
Digital signal input	HDMI×1: 1920x1080@60Hz backward compatible
Computer signal input	VGA(DB-15) ×1:1920x1080@60Hz backward compatible
Digital signal input	DVI(DVI-I)×1:1080P(1920×1080) backward compatible
Composite Video Input/(AV)	CVBS(BNC)x1
Composite Video Output	CVBS(BNC)x1
RJ45	4
USB	1(optional)
Computer centralized control interface	RS232
Temperature	
Working temperature	0°~50°
Storage temperature	-20°~65°
Standby Power Consumption	20%-80%
Panel	
Border dimension	Top: 1.7mm; Bottom: 1.8mm; Left: 1.8mm; Right: 1.7mm
External dimension	1077.58mm (wide) x 607.8mm (high) x 104.8mm (depth)
Net weight	22kg
Shell material	Metal shell, anti-static, anti-magnetic, anti-strong electric field interference
Warranty	
3 year on-site warranty as standard.	
Extended warranties and SLA's available at an additional cost.	

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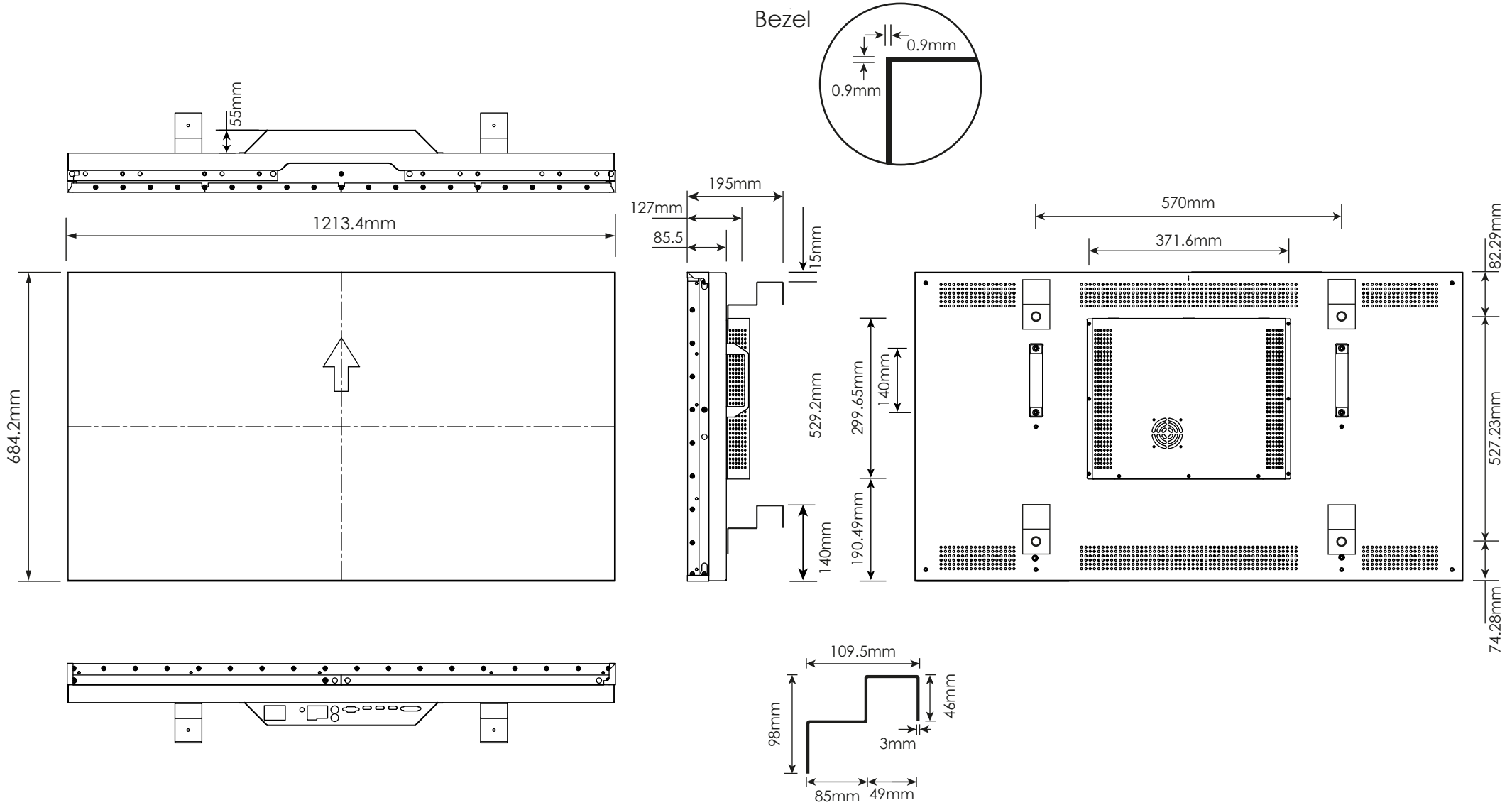
Promultis Video Wall
55” Panel (bezel - 1.8mm)



VIDEO WALL SCREEN SPECIFICATION	
Panel Size	55" LCD Screen (super narrow bezel 3.5mm with LED Backlight)
Aspect Ratio	16:9
Max Resolution Support	1920x1080
Pixel Pitch	0.53025×0.53025
Colour	8Bit,16.7M
Brightness (nits)	800cd/m^2
Contrast	3500:1
Visual Angle (H/V)	178°
Response Time	<=6ms
Life(hrs)	>60,000(hrs)
Image	
Aspect ratio	16:9
Quality compensation technology	LTI, CTI
Motion compensation technology	AUTO MOVE
Filter	3D comb filtering, digital noise reduction
Video standard	PAL, NTSC
Power	
Power Supply	AC100V~240V
Maximum Power Consumption	230W
Standby Power Consumption	<=3W

Video Wall Controller(Built-in each Screen)	
Digital signal input	HDMI×1: 1920x1080@60Hz backward compatible
Computer signal input	VGA(DB-15) ×1:1920x1080@60Hz backward compatible
Digital signal input	DVI(DVI-I)×1:1080P(1920×1080) backward compatible
Composite Video Input/(AV)	CVBS(BNC)x1
Composite Video Output	CVBS(BNC)x1
RJ45	4
USB	1(optional)
Computer centralized control interface	RS232
Temperature	
Working temperature	0°~50°
Storage temperature	-20°~65°
Standby Power Consumption	20%-80%
Panel	
Border dimension	Top: 1.7mm; Bottom: 1.8mm; Left: 1.8mm; Right: 1.7mm
External dimension	1213.4mm (wide) x 684.2mm (high) x 119.2mm (depth)
Net weight	22kg
Shell material	Metal shell, anti-static, anti-magnetic, anti-strong electric field interference
Warranty	
3 year on-site warranty as standard.	
Extended warranties and SLA's available at an additional cost.	

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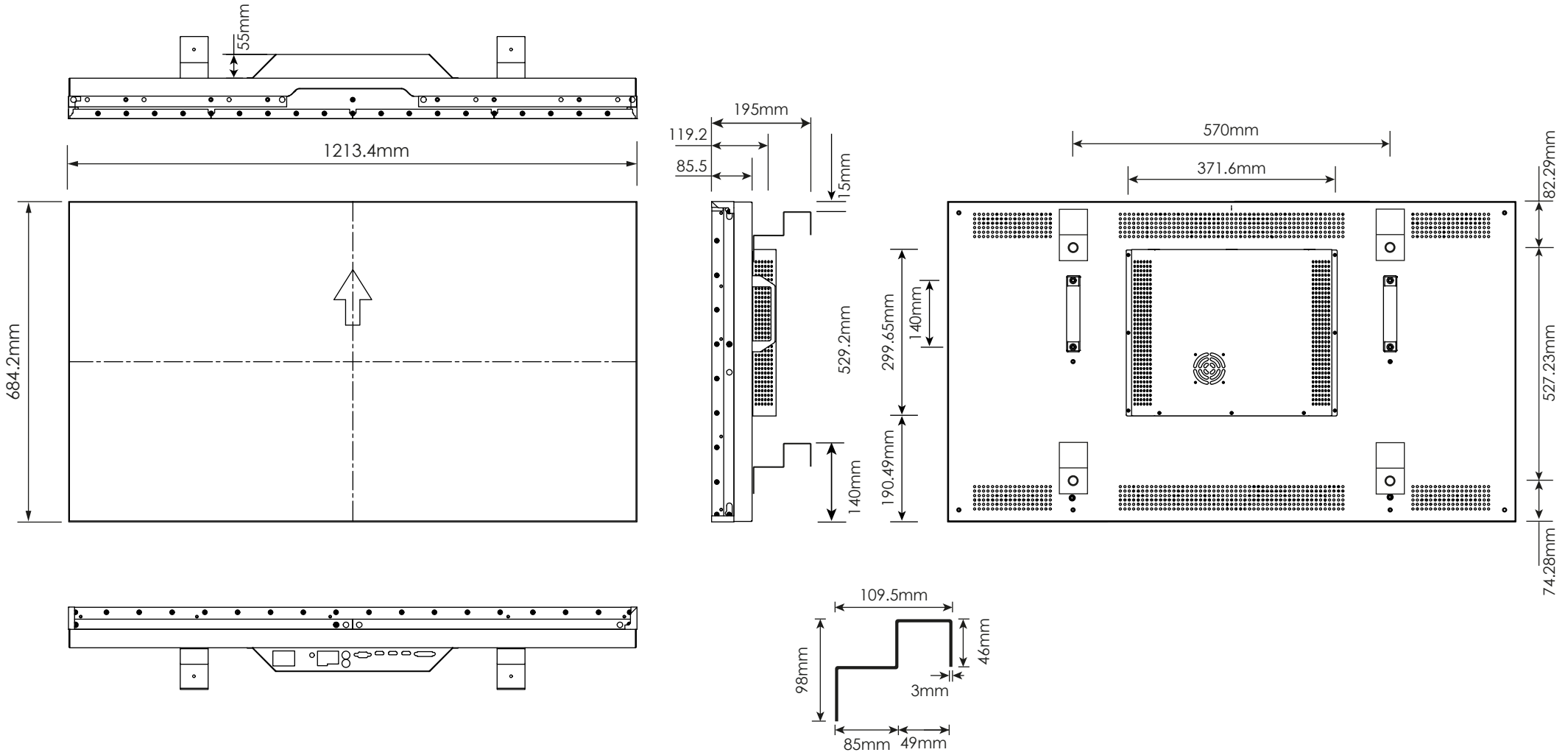
Promultis Video Wall
55” Panel (3.5mm)



VIDEO WALL SCREEN SPECIFICATION	
Panel Size	55" LCD Screen (super narrow bezel 1.8mm with LED Backlight)
Aspect Ratio	16:9
Max Resolution Support	1920x1080
Pixel Pitch	0.63(H) × 0.63(V)
Colour	8Bit,16.7M
Brightness (nits)	500cd/m^2
Contrast	4000:1
Visual Angle (H/V)	178°(H) x 178°(V)
Response Time	<=8ms
Life(hrs)	>60,000(hrs)
Image	
Aspect ratio	16:9
Quality compensation technology	LTI, CTI
Motion compensation technology	AUTO MOVE
Filter	3D comb filtering, digital noise reduction
Video standard	PAL, NTSC
Power	
Power Supply	AC100V~240V
Maximum Power Consumption	280W
Standby Power Consumption	<=3W

Video Wall Controller(Built-in each Screen)	
Digital signal input	HDMI×1: 1920x1080@60Hz backward compatible
Computer signal input	VGA(DB-15) ×1:1920x1080@60Hz backward compatible
Digital signal input	DVI(DVI-I)×1:1080P(1920×1080) backward compatible
DP Input	DPx1 3840x2160 @30Hz
DP Output	DPx1 3840x2160 @30Hz
RJ45	2
USB	1(optional)
Computer centralized control interface	RS232
Temperature	
Working temperature	0°~50°
Storage temperature	-20°~65°
Standby Power Consumption	20%-80%
Panel	
Border dimension	Top: 0.9mm; Bottom: 0.9mm; Left: 0.9mm; Right: 0.9mm
External dimension	1213.4mm (wide) x 684.2mm (high) x 119.2mm (depth)
Net weight	30kg
Shell material	Metal shell, anti-static, anti-magnetic, anti-strong electric field interference
Warranty	
3 year on-site warranty as standard.	
Extended warranties and SLA's available at an additional cost.	