



[promultis]

touchscreen



Up to 100  
Touch  
Points



Wall or Stand  
Universal  
Mount



Optional  
Integrated PC



Promultis can create  
bespoke multiuser  
collaborative content  
for the table

[click here](#) for website examples

- Sleek black & silver tablet-style design
- Black or white bezel
- Optional USFF PC integration in rear
- High brightness, commercial grade panel
- Wall or stand mountable
- Projected Capacitive touch technology
- 1080p HD or 4K UHD

***Using the latest cutting edge multi touch technology within a contemporary screen including a universal mount, the Promultis Touch Screen gives you instant access to the world of multitouch***



[promultis] touch screen

For more exciting multitouch products visit  
[www.promultis.info](http://www.promultis.info)  
or call +44 (0) 239 251 2794

The Promultis range of large format touch displays have been conceived and designed as robust and reliable screens with a housing structure suitable for installation in any orientation (wall to table) that will withstand the rigours of use in public locations.

The components from LCD panel, controller, and back-lighting have all been selected to professional and commercial quality standards to produce a screen display of rich colours and exceptional definition. The screens are available with both Infrared touch technology to suit the application. Our industry leading Projected Capacitive Technology is the fastest in response and most stable in operation being unaffected by direct sunlight to ensure the best touch experience.



## High Brightness

We have developed an extended range of screen specifications for the screen to include the latest 4k ultra high definition and for today's glass buildings and structures High Brightness screens that can be up to 2,500 c/m<sup>2</sup> compared to the standard 350 c/m<sup>2</sup>. The only way to combat high ambient light conditions is to have high brightness emanating from the touch screen. Anti-glare only dulls the picture and adds nothing to the visibility.



If you require a touch screen solution that performs reliably in public spaces and can be used to collaborate with and inform your target audience then the Promultis screen is the product for you.

## Applications

- Retail Environments
- Education
- Corporate Spaces
- Hospitality
- Transportation
- Entertainment

# Specification

## CHASSIS FEATURES

Materials	Aluminum frame and toughened glass
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## SCREEN

Diagonal Size	42"   48"   55"   65"   75"   84"
Glass type	Toughened full transmittivity
Panel resolution (pixels)	920 x 1080 (HD) or 3840 x 2160 (UHD 4K)
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Display colours	1.07B
LCD Illumination	Backlit LED
Pixel pitch	0.744 (mm)
Viewing angle	horizontal / vertical 178° / 178°

## CONNECTIVITY

Video input (analogue)	D-sub, Component, Composite
Video input (digital)	HDMI, DVI
Video output (analogue)	D-sub VGA
Audio input	HDMI, DVI, RS458
Speaker output	6 Ohm
USB (for touch)	USB-B
Communication input port RS485	RS485
Communication output port RS485	RS485
MTBF	40,000 hours
Power consumption	< 250 watts
Power consumption sleep mode	< 0.75 watts
MTBF	840,000 hours
Speakers	80mm dia 20watts
Green approvals	Lead free, RoHS compliant
Regulatory approvals	CE / FCC

## SHIPPED WITH

USB cable	1.7 metres
HDMI cable	1.7 metres
VGA cable	1.4 metres
Power cable	1.7 metres
Audio cable	1.7 metres
Remote control + batteries	Included
Screen freeze function	On remote control

## SERVICE AND WARRANTY

3 year repair or replace warranty as standard
Extended warranties and SLA's available at an additional cost

# Touch Technology

## PROJECTIVE CAPACITIVE TOUCH TECHNOLOGY

Detection method	Projected Capacitive Technology
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
Substrate	Float Glass, Gorilla 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

## POWER CONSUMPTION

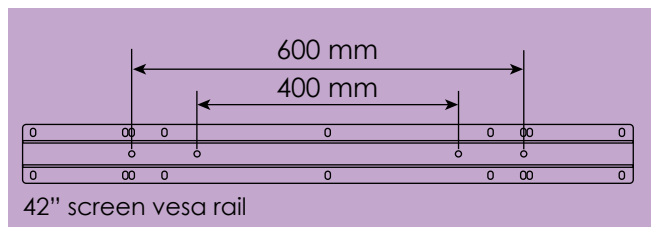
Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA

## Screen Dimensions

	Width	Height	Depth	Depth with vesa rails	Screen visible area	Weight
42"	1046mm	639mm	124.5mm	128.5mm	930 x 523mm	40 Kg
48"	1183mm	718mm	124.5mm	128.5mm	1063 x 598mm	51 Kg
55"	1336mm	806mm	124.5mm	128.5mm	1218 x 685mm	59 Kg
65"	1564mm	940mm	124.5mm	128.5mm	1438 x 810mm	70.5 Kg
75"	1677mm	1000mm	124.5mm	128.5mm	1550 x 872mm	76 Kg
84"	1988mm	1178mm	124.5mm	128.5mm	1860 x 1050mm	91 Kg



## Vesa Rails

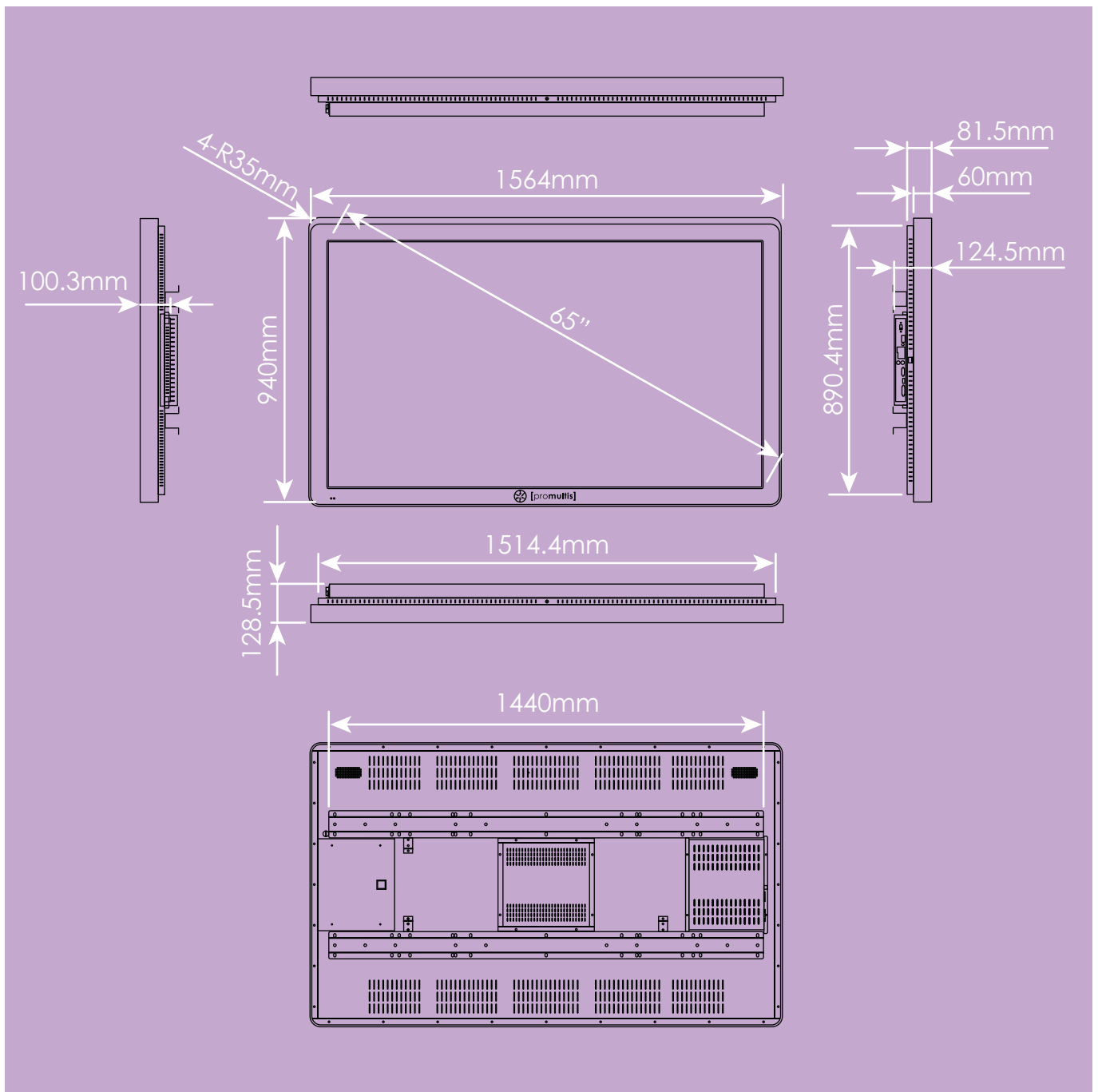


The vesa rails have been designed to help stiffen the screen and make it more robust.

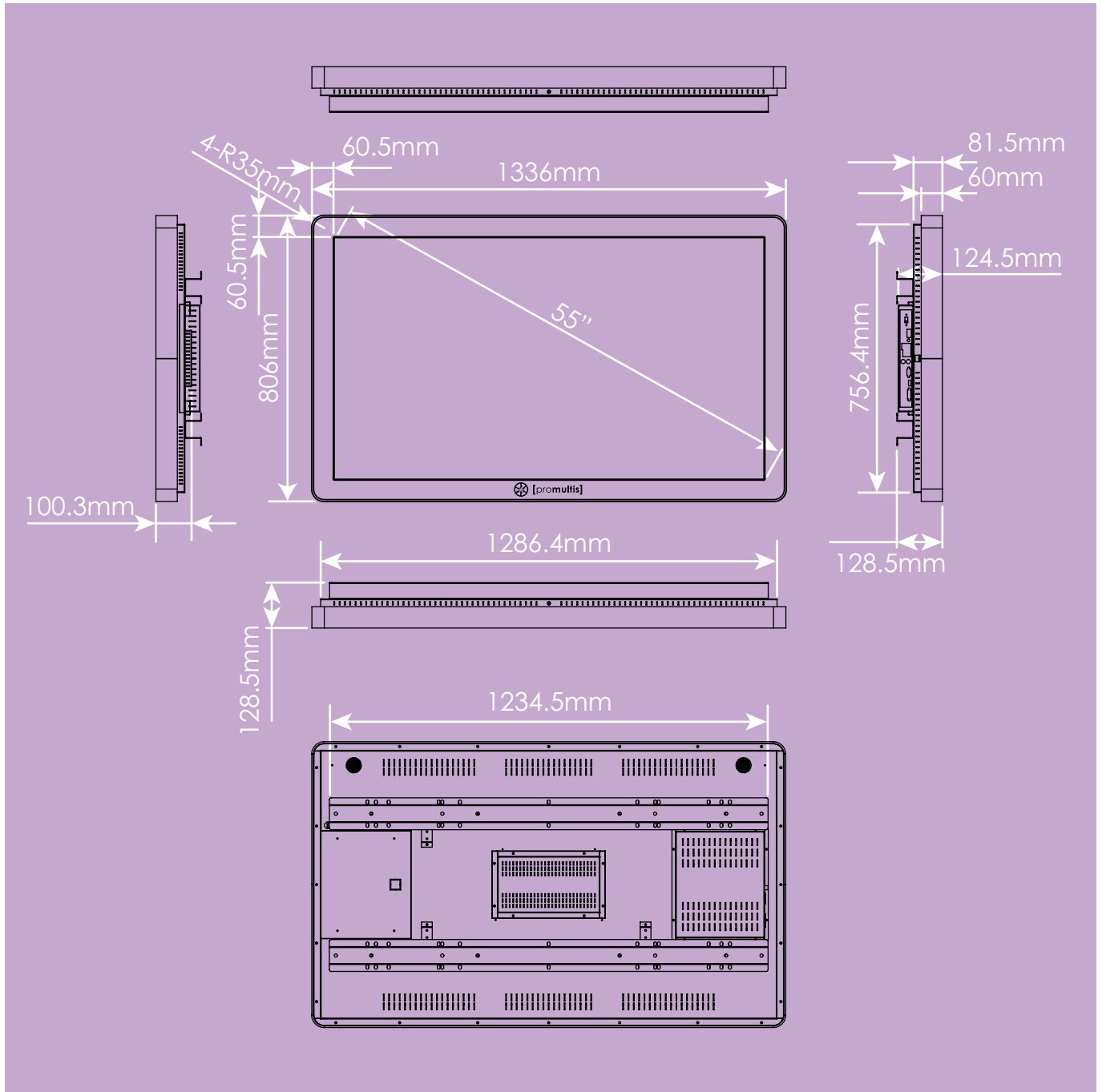
Standard screen wall mount brackets can be attached in various positions along the length of the vesa rails. They have been designed for greater flexibility when mounting the screen on a wall or a stand.

The vesa rails can be removed and the fixing points on the back of the screen can be used for fixing wall mount brackets instead.

# 42" Dimensions



# 55" Dimensions



# 65" Dimensions

