



[promultis]

standardkiosk



- PC cabinet and cable management
- High brightness, 1080p or 4K, LED screen
- PC options available
- Perfect for retail, universities, wayfinding
- Rebrandable housing and software
- PoS and card reader available

Create an inviting and immersive information point with the ProMultis Kiosk. Give users the control to find out exactly what they want via a professional, high brightness, 1080p or 4K, LED multitouch screen surface. All within a stylish housing.



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

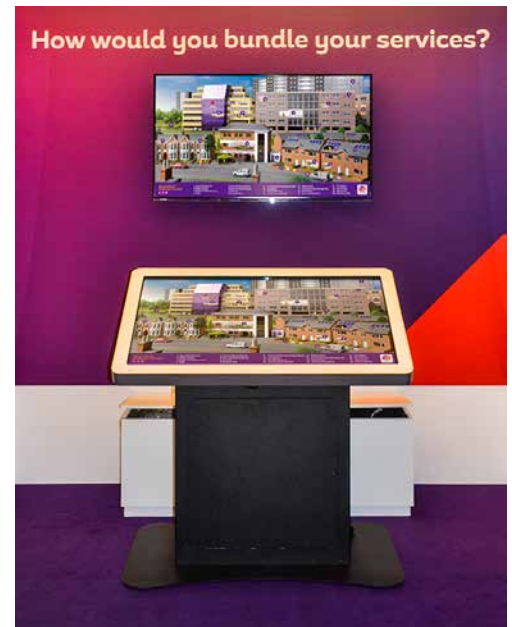
The Promultis range of large format touch displays have been conceived and designed as robust and reliable screens with a housing structure suitable for installation in any orientation (wall, stand, table or kiosk) that will withstand the rigours of use in public locations.

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 and Projected Capacitive touch technologies to suit the application. Our industry leading infrared 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/m² compared to the standard 350 c/m². 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
- Exhibitions & Events
- Corporate Spaces
- Hospitality
- Transportation
- Entertainment
- Museum & Galleries

Specification

CHASSIS FEATURES

Materials	Aluminum & Steel
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INFRA RED TECHNOLOGY

Detection method	InfraRed 10 & 20 touch points
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

Glass type	Toughened full transmittivity
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PANEL

Diagonal Size	46" & 55"
Glass type	Toughened full transmittivity
Panel resolution	1920 x 1080 (HD); 3840 x 2160 (UHD 4K)
Native resolution	1920x1080 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Display colours	1.07B
Viewing angle	horizontal / vertical 178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED

PROJECTIVE CAPACITIVE 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
Sizes	46" & 55"
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*: 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

* Home Premium SP1; Professional SP1 Ultimate x64 SP1

** Depending on kernel and multitouch support.

*** 39.0.2171.85(64 bit)



Specification

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
Speakers	80mm dia 20watts
Green approvals	Lead free, RoHS compliant
Regulatory approvals	CE / FCC
Toughened glass depth	4mm
Ruggedness	Case stiffened for robust touch use & mounting

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
User manual	Included

Service and warranty	
3 year repair or replace warranty as standard	
Extended warranties and SLA's available at an additional cost	
MTBF	40,000 hours
Power consumption	< 250 watts
Power consumption sleep mode	< 250 watts



Screen Dimensions

