



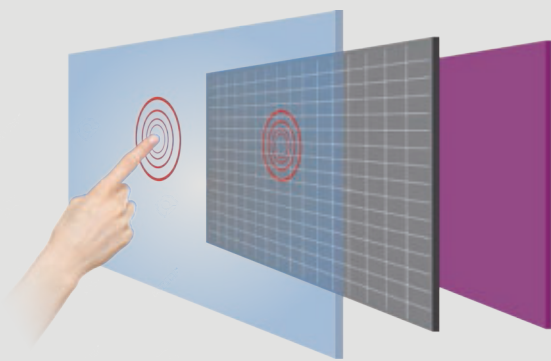
42" PCAP Touch Screen with Dual OS

"A ground breaking revolution in touch screen technology"



Dual OS

Experience the most versatile commercial touch screen on the market. With both Android and Windows operating systems installed on the integrated PC it cannot be beaten on flexibility. Seamlessly switch from your Windows desktop to the Android apps; this screen has it all in one convenient package. A Windows license will need to be purchased separately.



PCAP Touch

State of the art Projected Capacitive interactive technology offers the most responsive and sensitive touch experience available. Designed for commercial applications, PCAP touch technology works by fixing a sensor grid between a layer of cover glass and the LCD panel, when a finger touches the glass the grid detects the coordinates of the touch point. Unlike other touch technologies PCAP is not affected by dust or debris on the screen surface, allows for up to 10 touch points and offers superior optical quality.



Giant Tablet

These displays could be considered the largest commercial tablet on the market; but they are so much more. With a striking aluminium bezel and a sleek and sexy design, these displays always manage to catch the eye. Built with a strong tempered edge to edge glass front and a wide viewing angle, these commercial grade tablets are hard to miss and certainly stand out from the crowd.





Features

10 Point Touch



Having up to 10 touch points allows for a wider variety of applications than ever before. This kind of functionality allows you to manipulate images, zoom in and out as well as perform many other touch gestures; much like you would with a domestic tablet. It also allows for multiple users interacting with the screen at one time.

LED Backlight



The LED backlight used is not only eco-friendly but also ensures the display has enhanced brightness and contrast. This technology increases the lifespan and reduces the power consumption by around 30%. This form of light technology is mercury free; safeguarding this screen's eco friendliness.

24/7 Usage



Built with commercial grade panel and components these displays are designed to run 24/7 in constant use; unlike domestic tablets. The panel also has a lifespan of over 50,000 hours of continuous use. They can also be used in landscape or portrait orientation.

Attach External Devices



Although the screens have an integrated PC with two operating systems, there is also a possibility to attach external devices if required. Simply connect your device to the screen, via VGA or HDMI (for the video signal) and USB (for the touch functionality). The screen will then serve as your computer monitor and the touch functionality controls the cursor, essentially acting as your mouse.

Panel	Display Size	42 Inch
	Resolution	1920x1080
	Display Area (mm)	932x525
	Aspect Ratio	16:9
	Pixel Pitch (mm)	0.4833x0.4833
	Brightness (cd/m2)	450
	Brightness with touch panel (cd/m2)	383
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	5000:1
Touch	Touch Technology	Projected Capacitive
	Touch Points	10
	Glass Hardness	7H minimum
Audio	Speaker Type	2W, 5Ω (x2)
AV Inputs	Video	HDMI, VGA
	Audio	Audio Socket (3.5mm)
Power	Power Consumption (W)	82
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	1046x639x51
	VESA Holes (mm)	400x400
	Package Size (WxHxD mm)	1175x775x170
	Net Weight (kg)	26
	Gross Weight (kg)	32
Environmental	Operating Temperature	0°C to 50°C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
	Storage Humidity	5% to 95%
Computer	CPU	Intel® Atom (Quad-core) Z3735F (2M Cache, up to 1.83 GHz)
	RAM	2GB (DDR3L-RS 1333)
	Instruction Set	64-bit
	Graphic Engine	Intel® HD Graphics (7th Gen, supports DirectX 11 and up to 646 MHz)
	Hard Drive/Internal Memory (eMMC)	64GB
	USB	2 x USB 2.0
	LAN	10/100M Ethernet
	Wi-Fi	802.11b/g/n
	OS	Android 4.4.4 KitKat Windows 10 IoT Enterprise (licence purchased separately)
	Other	No accessible buttons or controls
Accessories	Included	Remote Control, User Manual, Power Cable, USB to USB Cable, Wi-Fi Aerial
	Optional	Special Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand

Technical Drawing:

