

# 50" PCAP Touch Screen Kiosk with Dual OS



# Overview

## 10-Point PCAP Touch Technology

Using the most responsive and sensitive commercial touch technology available. Not affected by dust or debris on the screen surface.

## IPS Panel

With 450cd/m<sup>2</sup> the IPS panel shines brighter than any domestic television while delivering superior image quality and colour depth at 178° ultra wide viewing angle in all directions.



## Internal Locker

The kiosk has a discrete internal locker at the rear of the stand. A small form factor PC or media player can be installed here then connected to the screen and rear ports for a convenient all-in-one solution.



## Dual OS

The integrated PC has both Windows and Android operating systems installed. Switch between the two for the most versatile touch screen solution on the market.

## Giant Tablet Styling

Designed to resemble a giant smartphone or tablet. The sleek and sexy look is achieved with a striking aluminium surround and stunning IPX1 rated edge-to-edge glass.

## Anti Fingerprint Glass

Thanks to a special plasma treatment the tempered glass front is more resistant to oil/ water residue left by fingerprint marks. Unlike other Touch Screens the glass is not etched, vastly improving the optical clarity.

## Smooth Touch Gestures

Perform smoother touch gestures with our specially treated glass which lowers the surface tension and friction of the touch surface. It is also more scratch resistant and durable than ever, making it ideal for commercial use.

## Portrait/Landscape Orientation\*

The touch screen can be installed in portrait as well as landscape orientation.

## Seamless Rear Connectivity

For seamless kiosk integration you can connect a Wi-Fi aerial, Ethernet cable, a power cable and third party peripherals via USB using the ports on the rear of the kiosk. This allows you to organise your cables better and allow for a more clean appearance.

## Commercial Grade

Designed for use in commercial applications this screen can run 24/7. No external buttons or controls to avoid tampering.

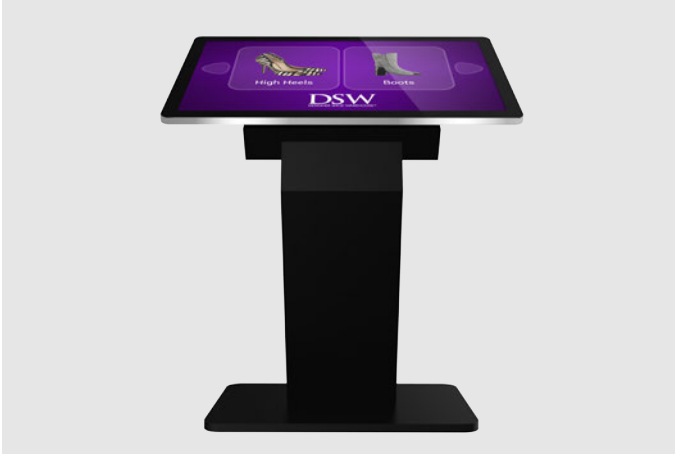
## Built in Wi-Fi

As well as having an Ethernet port you can wirelessly connect to the internet thanks to the built in Wi-Fi.

## USB Ports

Attach third party peripherals to the internal PC via the USB ports inside the internal locker or the rear inputs.





## All-in-One Touch Kiosk

This all-in-one interactive display combines the best in PCAP Touch Screen technology with a stylish and secure kiosk. The screen resembles a giant tablet with the edge to edge glass tempered front and aluminium bezel. Perfect for use in commercial applications the easy to use ergonomic design allows users to interact and touch with the screen. The striking design, along with the built in dual OS PC, sets this solution apart from other touch screens on the market both in terms of functionality and aesthetics.



## 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. Easily 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.



## Surface Plasma Treatment

Not only is the front glass face tempered, which makes it more durable and suitable for public use, but it is also plasma treated to give it an oleophobic coating. What this means is that it is more resistant to surface oil and moisture which reduces the residue left by fingerprints. It also lowers the surface tension and friction, making touch gestures much smoother, improving the overall tactile experience for the user. All this is achieved without having an etched finish which means that the overall optical clarity is maintained to the maximum level.



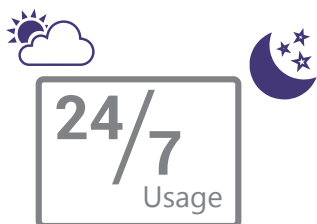
## Attach External Devices

The kiosk is an all-in-one solution with the integrated PC with Windows and Android. However if you want to connect an external PC or media player there is a secure and discrete internal locker on the rear of the display that allows you to integrate such devices seamlessly. 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's interactive monitor. You can also extend the connections on your device, such as the USB ports, LAN port, Wi-Fi aerial and power cable to the external ports on the rear of the kiosk.



# Features

## 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.

## LED Backlight



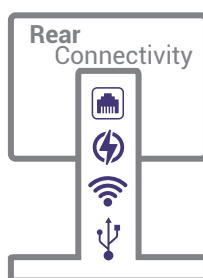
The LED backlight used is not only eco-friendly but also ensures the display has enhanced brightness and contrast. This technology increases the lifespan and reduces the power consumption by around 30%. This form of light technology is mercury free; safeguarding this screen's eco friendliness.

## 10 Point PCAP 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 an 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.

## Rear Connectivity



Once your kiosk is in place you can use the ports on the rear of the base to conveniently connect your Ethernet cable, power cable, Wi-Fi aerial and even third party USB devices.

<b>Panel</b>	Display Size	50 Inch
	Resolution	1920x1080
	Display Area (mm)	1076x606
	Aspect Ratio	16:9
	Pixel Pitch (mm)	0.576x 0.576
	Brightness (cd/m2)	450
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	5000:1
<b>Touch</b>	Touch Technology	Projected Capacitive
	Touch Points	10
	Glass Hardness	7H minimum
<b>Audio</b>	Speaker Type	2W, 5Ω (x2)
<b>AV Inputs/Outputs</b>	Inputs (when used as monitor)	HDMI, VGA, RS-232
	Audio Input (when used as monitor)	Audio Socket (3.5mm)
	Audio Output (internal PC)	Audio Socket (3.5mm)
<b>Power</b>	Power Consumption (W)	75
	Input Voltage	AC110~240V (50Hz~60Hz)
<b>Mechanical</b>	Unit Size (WxHxD mm) (Landscape)	1186x1285x599.4
	Footprint (WxD)	800x500
	Net Weight (Kg)	73.05
	Gross Weight (Kg)	85.50
	Package Size (WxHxD mm)	Box 1: 1003x678x435 Box 2: 1350x865x260
<b>Environmental</b>	Internal Locker Dimension (WxHxD mm)	500x330x90
	Operating Temperature	0°C to 50°C
	Storage Temperature	-30°C to 60°C
	Operating Humidity	10% to 80%
<b>Computer</b>	Storage Humidity	5% to 95%
	CPU	Intel® Atom™ (Quad-core) x5-Z8350 Processor (2M Cache, up to 1.92 GHz)
	RAM	4GB (DDR3L-RS 1600MHz)
	Instruction Set	64-bit
	Graphic Engine	Intel® HD Graphics 400 (8th Gen, Supports DirectX11.2, OpenGL4.4 and OpenCL 2.0)
	Hard Drive/Internal Memory (eMMC)	64GB
	USB	2 x USB 2.0
	LAN	10/100/1000 Ethernet
	Wi-Fi	802.11b/g/n
	OS	Android 5.1.1 Windows® 8 /8.1 64-bit, Windows® 10 64-bit, Windows 10 IoT Enterprise 64bit (licence purchased separately)
Other	No accessible buttons or controls	
<b>Accessories</b>	Included	Remote Control, User Manual, Power Cable, USB to USB Cable, Wi-Fi Aerial

## Technical Drawing:

