

50" PCAP Touch Screen 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.

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.

Dual OS

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



LED Backlight

Improves brightness and contrast as well as improving their lifespan and reducing their power consumption. Unlike other forms of light this technology is mercury free; making it even more eco-friendly. The panel and backlight have a lifespan in excess of 50,000 hours.

Commercial Grade

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

Portrait/Landscape Orientation

The screen can be used in either a landscape or portrait orientation depending on your requirement.

Audio

The screen has two integrated speakers but also has an audio out port for connecting headphones or external speakers.

USB Ports

Attach third party peripherals to the internal PC via the screen's two USB ports.

IPS Panel

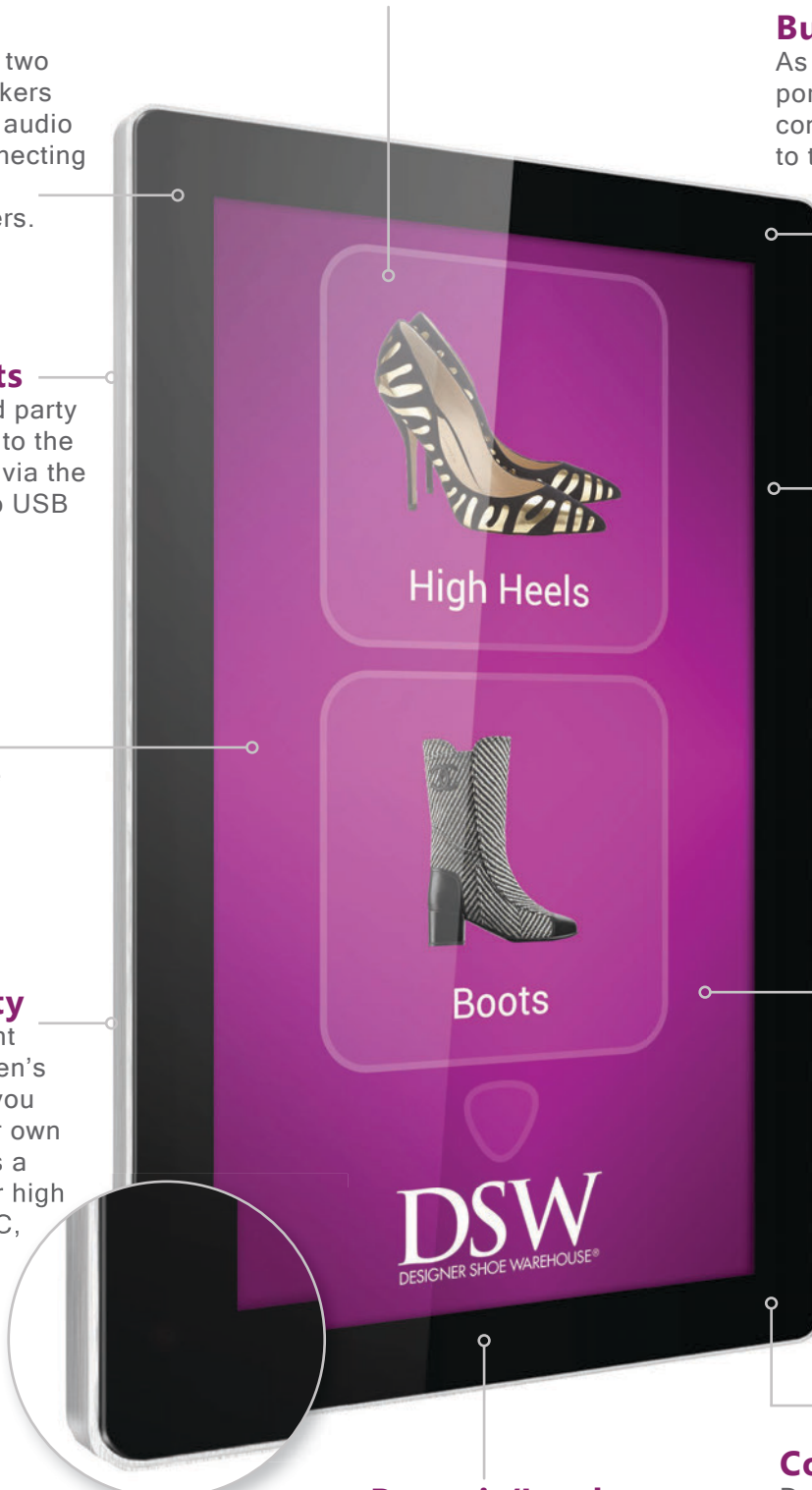
Superior image quality and colour depth at 178° ultra-wide viewing angle in both landscape and portrait orientations.

Connectivity

If you don't want to use the screen's integrated PC you can attach your own device, such as a media player or high performance PC, using the HDMI or VGA inputs.

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.

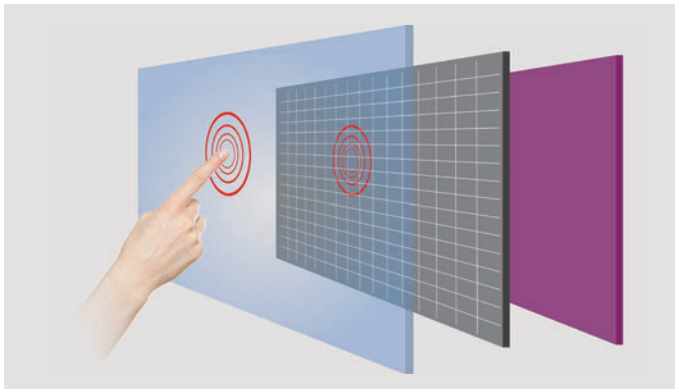


"A ground breaking revolution in touch screen technology"



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 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.

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.

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|--------------------------|-------------------------------------|--|
| Panel | 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 |
| | 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/Outputs | Video Inputs (when used as monitor) | HDMI, VGA |
| | Audio Input (when used as monitor) | Audio Socket (3.5mm) |
| | Audio Output (internal PC) | Audio Socket (3.5mm) |
| Power | Power Consumption (W) | 75 |
| | Input Voltage | AC110~240V (50Hz~60Hz) |
| Mechanical | Unit Size (WxHxD mm) | 1176.6x706.6x65 |
| | VESA Holes (mm) | 400x200 |
| | Net Weight (Kg) | 30.6 |
| | Gross Weight (Kg) | 36.65 |
| | Package Size | 1320x850x260 |
| 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:

