



SPECIFICATION

CDS-550-TSM-A1

55" All-In-One Touch Screen Monitor

55" PCAP Touch Screens with Dual OS



All in One Touch Kiosk

Combining edge-to-edge glass PCAP technology with a stylish and secure kiosk. The ergonomic design, along with the built in dual OS PC and facility to seamlessly use a third party PC, sets this solution apart from other touch screen kiosks.



Dual OS - Windows & Android

Both Android and Windows operating systems are installed on the integrated PC for ultimate flexibility. These displays provide a fully integrated solution - whether your application calls for Android or Windows.



10 Point PCAP Touch

Having up to 10 touch points 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.



Surface Plasma Treatment

The oleophobic coating makes the glass front more resistance to oil and water residue left by fingerprint marks and makes touch gestures smoother. Unlike other touch screens the glass is not etched, vastly improving the optical clarity.



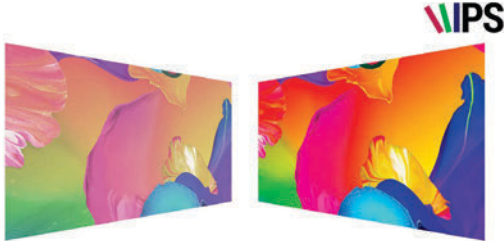
None Treated Touch Screen

PCAP Surface Plasma Treated Touch Screen

Other Features

450cd/m² IPS Panel

Commercial grade IPS technology accurately displays image quality and colour depth with no fall-off in colour accuracy. These panels are designed to achieve ultimate lifelike colour temperature when used in either landscape or portrait.



Conventional Signage Display

PCAP Touch Screen Kiosk with Dual OS

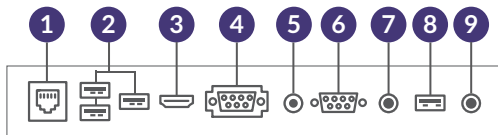
24/7 Commercial Use

These displays use a commercial grade LCD panel and LED backlight. They have the ability to be in constant use 24/7 for over 70,000 hours and have no external buttons or controls to avoid tampering.



Internal Locker

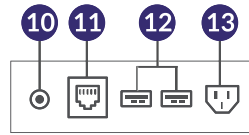
Should you need to connect the screen to an external source, like a PC or media player, you can use the USB and HDMI or VGA inputs and hide the player inside the internal locker.



- 1 LAN
- 2 USB x 3
- 3 HDMI
- 4 VGA
- 5 AUDIO IN
- 6 RS-232
- 7 MIC/AUDIO
- 8 TOUCH USB
- 9 AUDIO OUT

Rear Connections

Whether you are using the integrated PC or a third party device inside the internal locker you can use the connections on the rear to conveniently connect your USB, Ethernet cable, power cable and Wi-Fi aerial directly to the touch screen.



- 10 Wi-Fi
- 11 LAN
- 12 USB x 2
- 13 Power Socket



Giant Tablet Styling

Their tempered edge-to-edge glass face, rounded corners, super slim profile and aluminium surround all add to the captivating tablet-like aesthetics as well as protecting the internal components from potential damage.



Landscape or Portrait Orientation

The 43" and 50" models can be installed in portrait orientation as well as landscape; transforming the kiosk into an even more eye-catching display.



Integrated Speakers

The displays feature two integrated slimline speakers for applications that require an audio element.

2W, 5Ω x 2
Integrated Speakers



Touch CMS

For a small charge you can take advantage of our user-friendly CMS, allowing you to conveniently create your own interactive content.



Key Features



DUAL OS



10 TOUCH POINTS



IPS PANEL



24/7 COMMERCIAL USE



LANDSCAPE OR PORTRAIT ORIENTATION



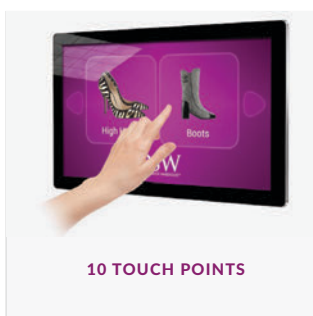
WIFI AND LAN



LED BACKLIGHT



INTEGRATED SPEAKERS



10 TOUCH POINTS



SURFACE PLASMA TREATMENT



ATTACH DEVICES

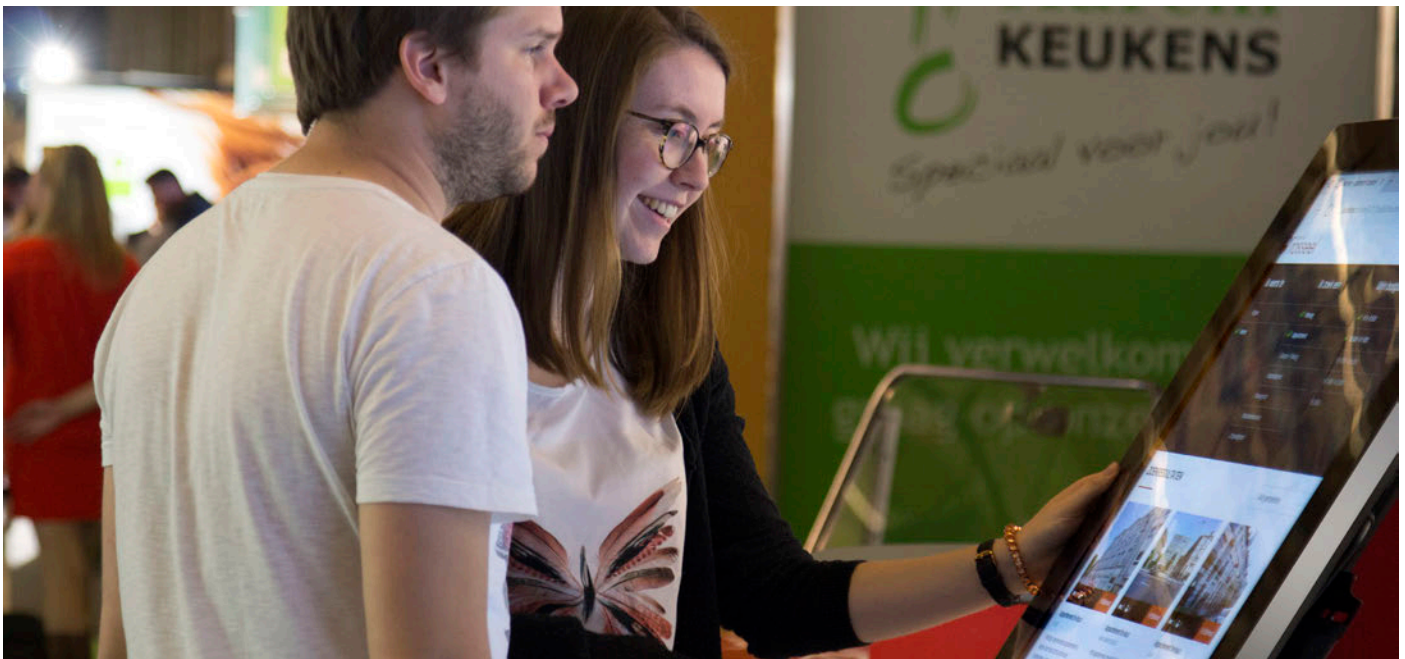


GIANT TABLET STYLING

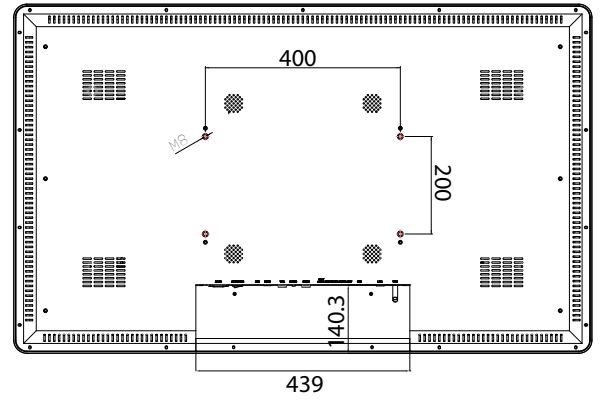
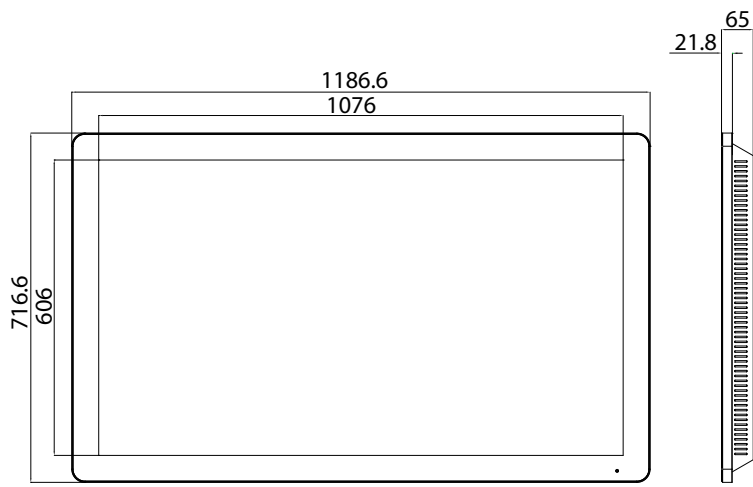
Specification Table

		55 Inch
Panel	Resolution	1920x1080
	Display Area (mm)	1211x682
	Aspect Ratio	16:9
	Brightness (cd/m ²)	450
	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	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)
Power	Power Consumption (W)	85
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	1319.6x790.6x65
	Package Size (WxHxD mm)	1480x950x250
	VESA Holes (mm)	400x200
	Net Weight (kg)	39.15
	Gross Weight (kg)	46.75
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) 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 Pro 64-bit (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	Wall Mount, Floor Stand/Trolley, Ceiling Mount, Table Stand
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

Errors and omissions excepted



Technical Drawing



Need any additional information?

If you need any assistance with pricing information, technical support or require any additional information our team would be more than happy to assist.



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