55” Outdoor PCAP Wall-Mounted Touch Screen Displays



PCAP Touch Screen

State-of-the-art projected capacitive technology provides the most responsive and sensitive touch experience available, as well as offering superior optical quality. Unlike other touch technologies, PCAP is not affected by dust or debris on the surface of the screen.





Weatherproof

Designed to withstand the elements, these displays are protected against all wet weather conditions and airborne dust particles by their robust IP65 rated enclosure. They also feature a waterproof coating on all internal circuit boards and waterproof over-moulded AV connectors.

IP65

Dust Resistance

6 — Protected against dust that may harm equipment.

Water Resistance

5 — Protected against water spray from all directions.



- Sunlight Readable
- Vandal Proof
- No Ghost Touch
- Advanced Temperature Control System
- Ambient Light Sensor
- Anti-Reflective Glass
- Free Lockable Wall Mount
- Protective UV Film
- Android Media Player
- Customisation Available

Other Features

Vandal Proof

With a mild steel enclosure and thermally-toughened glass front, these IK10 rated displays are designed to withstand any damage that may occur in public spaces. To avoid tampering, controls and inputs are hidden and cannot be accessed by passers-by.



IK10

Impact Resistance

10 Protected against 20 joules of impact



Direct Sunlight Readable

Thanks to their commercial grade ultra-high brightness panels (2,500cd/m²), these displays are up to 10 times brighter than a domestic TV and so are easily readable even in direct sunlight.





No Ghost Touch

The electrodes that control the interactivity are sandwiched between two layers of special protective glass to prevent phantom touches. This ensures ultimate accuracy and a seamless touch experience.

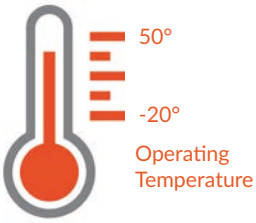




Advanced Temperature Control System

To maximise the lifespan of the display, the internal airflow system keeps the screen running at the optimal temperature regardless of the external conditions. Built-in air conditioning can be tailored to allow the display to work in any climate.





Internal Locker

Should you need run the screen from an external source, there is space to fit a small PC or media player inside the lockable compartment. This can then be connected to the display via the HDMI, VGA or 3.5mm audio inputs.



Internal Locker



Anti-Reflective Glass

The front glass face is specially treated to help diffuse direct sunlight, making the display easily readable even in bright weather conditions.



Ultimate UV Protection

The front glass of the display utilises a special UV treatment that reduces the internal heat of the enclosure by up to 71%; reducing the number of cooling fans needed and increasing the life of your display.



Customisation Available

Bespoke displays can be manufactured to order should you require a non-standard solution, to incorporate a camera for example. We can also modify existing models to add a 4G module for mobile connectivity or a vinyl logo/wrap.





Key Features

PCAP TOUCH SCREEN

2,500 CD/M²
SUNLIGHT READABLE

IP65 RATED

VANDAL PROOF HIGH GAIN
WI-FI AERIAL



PROTECTIVE UV FILM

10 TOUCH POINTS

PLUG AND PLAY

LANDSCAPE OR PORTRAIT
ORIENTATION



WEATHERPROOF



AMBIENT LIGHT SENSOR



FREE LOCKABLE
WALL MOUNT



CUSTOMISATION
AVAILABLE

Specification Table

		55 Inch
Panel	Resolution	1920x1080
	Display Area (mm)	1215x686
	Aspect Ratio	16:9
	Brightness (cd/m²)	2,500
	Colour	16.7M
	Viewing Angle	178°
	Contrast Ratio	8000:1
Touch	Touch Technology	Projected Capacitive
	Touch Points	10
	Glass Hardness	4H Minimum
AV Inputs	Video	HDMI, VGA
Power	Power Consumption (W)	430
	Input Voltage	AC110~240V (50Hz~60Hz)
Mechanical	Unit Size (WxHxD mm)	1638x817x140
	Package Size (WxHxD mm)	1780x1050x300
	Landscape VESA Holes (mm)	800x600
	Portrait VESA Holes (mm)	600x800
	Net Weight (kg)	95
	Gross Weight (kg)	115.5
	IK Rating	IK10
Environmental	Operating Temperature:	-20 °C to 50 °C
	Operating Humidity:	10% - 80%
	Storage Temperature:	-30°C - 60°C
	Storage Humidity:	5% - 90%
	Enclosure Protection	IP65
Computer	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
	Media Resolution	1920x1080/1080x1920
	Internal Memory	6GB
	CPU	Quad-Core Cortex-A17@1.61GHz
	GPU	Mali-T760 MP4 @600MHz
	RAM	2GB DDR3
	Internal Storage	8GB NAND
	USB	USB2.0 HOST (x2)
	LAN	10/100/1000Mb/s Ethernet
	Wi-Fi	802.11b/g/n/ac
	OS	Android 5.1.1
	Graphic Engine	OpenGL ES 1.1/2.0/3.0/3.1, OpenCL 1.1, Renderscript, Direct3D 11.1
Accessories	Included	AC Power Cable, Remote Control, Wall Mount
	Optional	Network Upgrade, Camera
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

Errors and omissions excepted



Technical Drawing

Bracket

