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Outdoor PACP Wall-Mounted
Multi Touch Screen Displays

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Overview

Advanced Temperature Control
Designed to run 24/7 in constant use the display has an advanced temperature control system to keep it running at the optimum temperature no matter the environment.

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.

Modifications
The screens can be upgraded in various ways including the addition of network features, a camera or more screen sizes.

Toughened Glass
Extra strong glass protects the screens internal components and adds an extra layer of security against vandals.
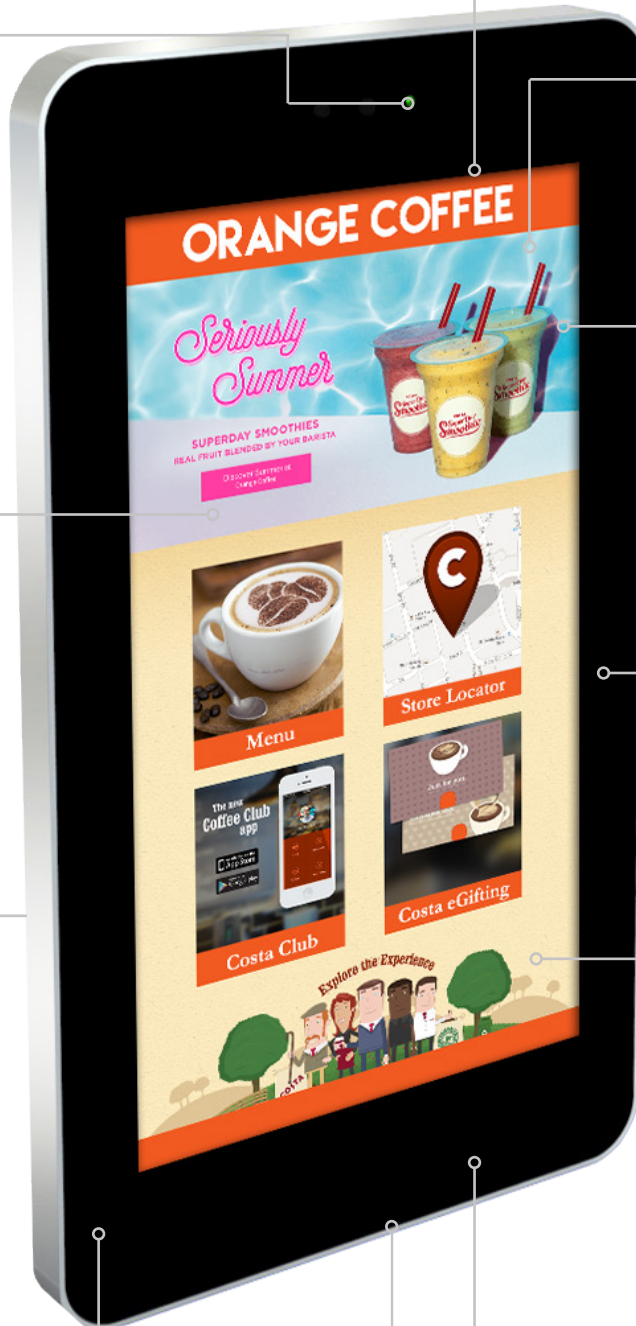
Ultra High Brightness Panel
2500cd/m2 makes sure this display will always be seen whatever the weather. Over 6 times brighter than that of a standard domestic television to improve the displays image clarity.

Sturdy Enclosure
Made from mild steel the enclosure is strong enough to protect the displays components from outside harm such as vandals.

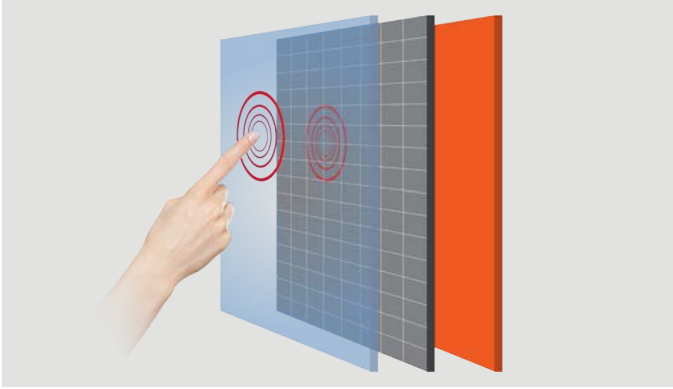## Lockable Wall Mount
The screen comes with a wall mount that allows the screen to be securely placed in either landscape or portrait orientation.

Anti Reflective Glass
Diffuses direct sunlight making the display easily readable in bright weather.

Weather Proof
An IP65 Rating means the display is able to withstand all weather conditions; wet and dry and also features waterproof over molded AV connectors.

Dust Tight
The screen has the highest intrusion protection rating possible meaning it is virtually impossible for dust to enter the enclosure.

Attach Devices
Run the screen from the integrated Media Player or attach your own device either in the screens small internal locker or by using the screens external ports that can be linked to a device inside a building.

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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.

Sunlight Readable

Brightness is paramount when using outdoor screens, these displays use commercial grade Ultra High Brightness panels (2500 cd/m2); more than 5 times brighter than a standard home TV to allow easy readability in direct sunlight. The display also has an ambient light sensor that will alter the screens brightness based on the displays surrounding light levels. This leaves the screen with the best clarity while also conserving energy.

Outdoor Enclosure

Designed with robust, corrosion protected, casing to protect against the elements and the public. With an IP65 rating, it keeps out all airborne particles as well as being protected from any wet weather conditions and also feature waterproof over molded AV connectors.The enclosures are made from mild steel and have thermally toughened glass.
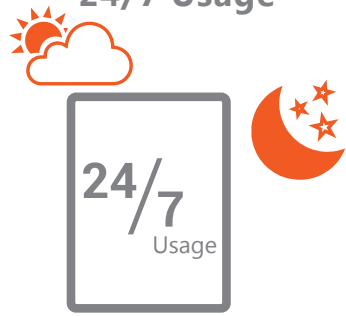
Temperature Control

The internal air-conditioning system allows the screens to be in constant use in an outdoor environment. Internal fans keep the panel and other internal components at the optimum working temperature; ensuring a long and reliable life for your display.
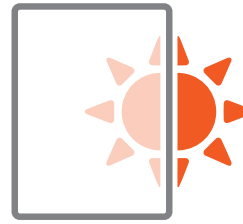
Features

24/7 Usage

Built with commercial grade panel and components these displays are designed to run 24/7 in constant use; unlike domestic screens. The panel also has a lifespan of over 50,000 hours of continuous use.

Anti Reflective Glass

The glass frontage is also anti-reflective to help defuse direct sunlight shining on the display.

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.
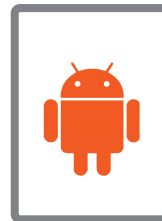
Attach External Devices

Although the screens have an integrated media, 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.

Easy Installation & Maintenance

These units are designed with installation and maintenance in mind. As well as having a cabling channel built into the base of the unit there are also special fitting holes to allow you to permanently fix your screen in position. There is also internal space within the unit to hide any additional hardware, such as a PC, with easy access in the form of a front panel door.
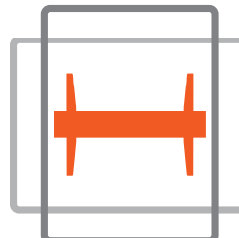
Integrated Media Player

As well as having AV inputs, these displays also have a built-in HD media player allowing you to run content copied from a USB drive. Load your pictures and videos onto a USB memory stick then insert it into the display, the screen will then start playing the pictures and videos in a continuous loop.

Modifications Available

Whether your project calls for a touch screen, a double-sided display or even a bespoke screen size, we can meet your needs.

Complimentary Wall Mount

The display can be mounted in either landscape or portrait orientation, depending on the application. We also include a free wall mounting bracket that allows you to install your display in either landscape or portrait orientation and lock it in place.

		Outdoor Wall Mounted Advertising Display Range			
Panel	Display Size	32 Inch	42 Inch	47 Inch	55 inch
	Resolution	1080x1920			
	Pixel Pitch	0.36375x0.36375	0.1615x0.4845	0.5415x0.5415	0.21x0.63
	Display Area (mm)	396x702	526x934	590x1045	686x1215
	Aspect Ratio	16:9			
	Brightness (cd/m2)	2500			
	Colour	1.06 Billon	16.7 M	1.06 Billon	1.073 G
	Viewing Angle	178°			
	Contrast Ratio	8000:1			
Touch	Touch Technology	Projected Capacitive			
	Touch Points	10			
	Glass Hardness	7H minimum			
AV Inputs	Video	HDMI, VGA			
Power	Power Consumption (W)	190	250	300	350
	Input Voltage	AC110~240V (50Hz~60Hz)			
Mechanical	Unit Size (WxHxD mm)	515x1040x110	670x1410x120	750x1470x130	810x1640x130
	VESA Holes (mm)	400x300	400x400 400x800	500x400 500x800	600x400 600x800
	Net Weight (kg)	32.35	50	63.5	76
	Operating Temperature:	-10 °C to 50 °C			
	Operating Humidity:	10% - 80%			
	Storage Temperature:	-30°C - 60°C			
	Storage Humidity:	5% - 90%			
	Enclosure Protection	IP65			

Feature	Internal Media Player	Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)
		Media Resolution	1080x1920
		Internal Memory	6GB
		CPU	Duel-Core Cortex-A9 @1.6GHz
		GPU	Mali-400 MP4 @400MHz
		RAM	1GB DDR3
		ROM	8GB NAND
		USB	USB2.0 HOST (x2)
	Special		Images, Videos, Audio, Scrolling Text Message, On/Off Timer, On Screen Clock, Media Rotation
Accessories	Included		AC Power Cable, Remote Control
	Optional		Network Upgrade, Camera