

## 55" Outdoor Digital Advertising Displays



### Direct Sunlight Readable

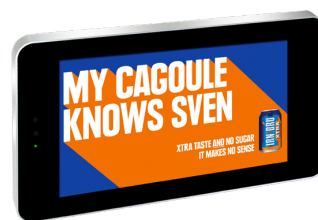
Designed for the challenge of direct sunlight, these displays use commercial grade ultra high brightness panels (2,500cd/m<sup>2</sup>); up to 10 times brighter than a domestic television.



2,500cd/m<sup>2</sup>

### Weatherproof

Designed with a rugged, corrosion protected, outer casing to give protection from the elements. The outer casing has an IP65 rating which means it keeps out airborne swarf, dust and other particles as well as being protected from any wet weather conditions.



Protection from the weather!

### Vandalproof

The enclosure is made from mild steel as well as having a thermally toughened glass front. Controls and inputs are also hidden and not accessible to passers-by to avoid tampering.

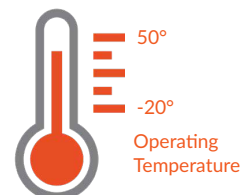


5mm Tough Glass



### Advanced Temperature Control System

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



Operating Temperature

## Other Features

### IP65 Rated Sturdy Enclosure

An IP65 rating means that display is able to withstand all wet weather conditions and also features waterproof over moulded AV connectors.

**IP65**

- 6** Dust Resistance  
Protected against dust that may harm equipment.
- 5** Water Resistance  
Protected against water spray from all directions.



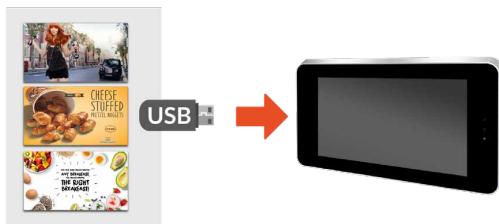
### Anti Reflective Glass

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



### Plug and Play

Plug and Play is the most straightforward way to upload content to the screen. Simply load images and videos onto a USB stick, insert into the display, wait for your content to copy over and then remove. Your images and videos will now play in a continuous loop.



### Lockable Wall Mount

A lockable wall mount is included at no extra cost, allowing you to securely mount your screen in either landscape or portrait orientation; ensuring that you have a complete turnkey solution.



### Ambient Light Sensor

The display has a light sensor that changes the screen's brightness depending on the ambient light ensuring the most suitable brightness at any time of the day.



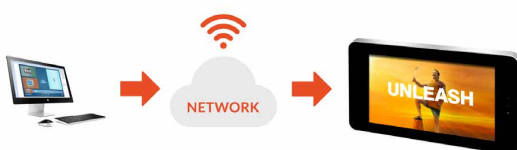
### Internal Locker

Should you need connect the screen to an external source, like a PC or media player, you can use the HDMI input or the VGA and 3.5mm audio jack inputs and hide the player inside the internal locker.



### Optional Network Upgrade

For a small charge you can upgrade your screen to be networked, allowing you to connect your screen via Wi-Fi, LAN or 4G, then remotely update it over the internet.



### Hardware Modifications

These displays can be adapted in a variety of ways including a touch screen upgrade and the integration of a 4G module or camera.



Key Features



2,500 CD/M<sup>2</sup>  
SUNLIGHT READABLE



WEATHER PROOF



AMBIENT LIGHT SENSOR



ANTI-REFLECTIVE GLASS



VANDAL PROOF



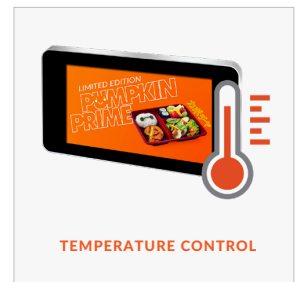
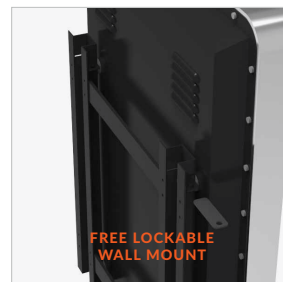
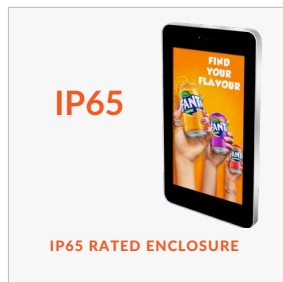
LANDSCAPE OR PORTRAIT  
ORIENTATION



PLUG AND PLAY



MODIFICATIONS





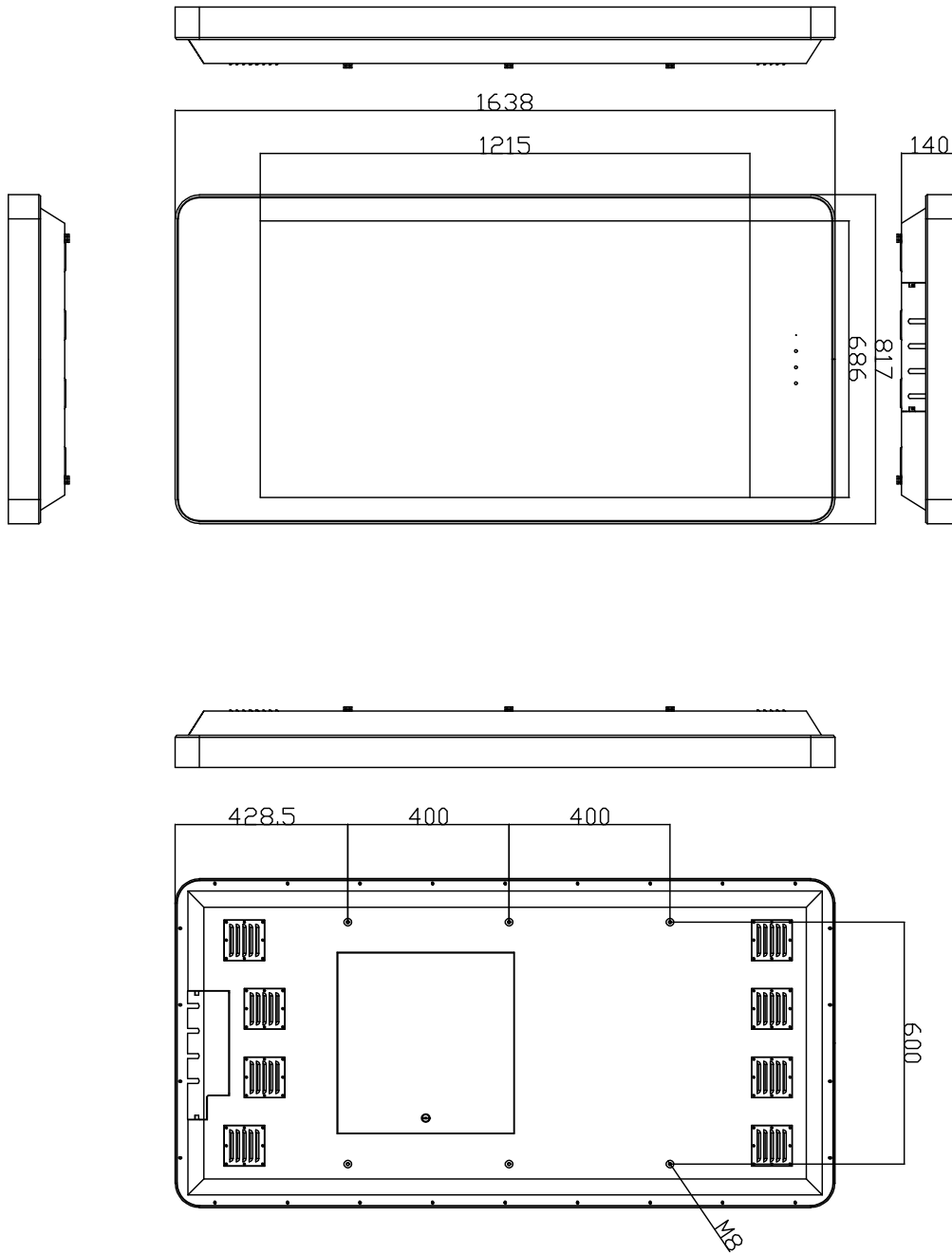
### Specification Table

		55 Inch	
Panel	Resolution	1920x1080	
	Pixel Pitch	0.565x0.565	
	Display Area (mm)	684x1215	
	Aspect Ratio	16:9	
	Brightness (cd/m <sup>2</sup> )	2,500	
	Colour	16.7M	
	Viewing Angle	178°	
	Contrast Ratio	8000:1	
AV Inputs	Video	HDMI, VGA	
Power	Power Consumption (W)	430	
	Input Voltage	AC110~240V (50Hz~60Hz)	
Mechanical	Unit Size (WxHxD mm)	817x1637x145	
	Package Size (WxHxD mm)	1800x1050x310	
	VESA Holes (mm)	600x400/600x800	
	Net Weight (kg)	85	
	Gross Weight (kg)	98	
	IK Rating	IK08	
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	
Media Formats	Video (MPG, AVI, MP4, RM, RMVB, TS), Audio (MP3, WMA), Image (JPG, GIF, BMP, PNG)		
Media Resolution	1920x1080/1080x1920		
Internal Memory	6GB		
Computer	CPU	Quad-Core Cortex-A9 @1.6GHz	
	GPU	Mali-400 MP4 @600MHz	
	RAM	1GB DDR3	
	ROM	8GB NAND	
	USB	USB2.0 HOST (x2)	
	LAN	10/100M Ethernet	
	Wi-Fi	802.11b/g/n	
	OS	Android 4.2.2	
	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		Touch Screen Upgrade, Network Upgrade, Camera	
Warranty	Warranty Period	3 Year Warranty	
	Technical Support	Lifetime	

Errors and omissions excepted



Technical Drawing



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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