

## IP65 Ruggedised 55" Wide Screen TFT Display



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The Ferrograph range of Rugged LCD-TFT displays are suitable for use in outdoor public areas offering unparalleled visual clarity, superior contrast and high luminance, making it ideal for the display of general information, advertising and transportation applications where high quality real time information delivery has to be achieved in demanding ambient light conditions.

### KEY PRODUCT FEATURES

<b>TFT Display:</b>	55" high brightness TFT panel 1920 x 1080 FHD resolution
<b>Display:</b>	Tough fabricated edge to edge enclosure with laminated chemically treated safety glass front screen, anti-glare / anti-reflective surface treatment rated to IP65.
<b>Heat Exchanger:</b>	Heat exchanger cooling system to support high temperature extremes.
<b>Remote Monitoring:</b>	Environmental control and diagnostic information.
<b>Orientation:</b>	Portrait or Landscape

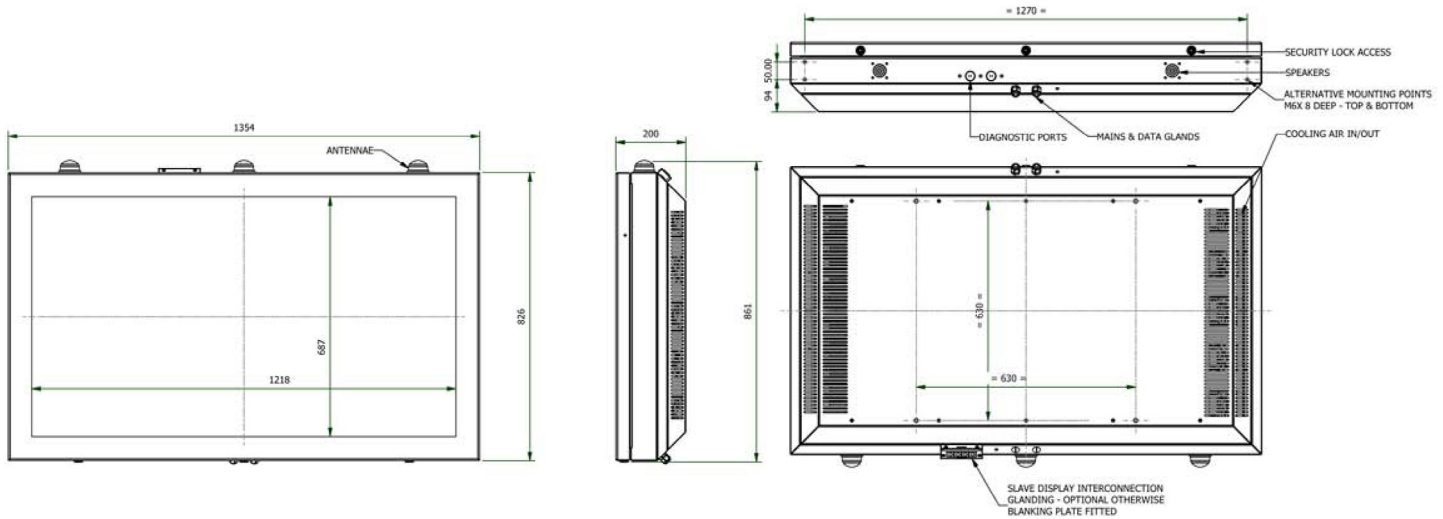
### DISPLAY

<b>Display Format:</b>	55" TFT, FHD 1920 x 1080 resolution.
<b>Aspect Ratio:</b>	16:9
<b>Brightness:</b>	2500cd/m2
<b>Contrast:</b>	5000:1
<b>Visible Display Area:</b>	1209.6 x 680.4mm
<b>Viewing Angle:</b>	178 degrees horizontal and vertical, typical.
<b>TFT Backlight:</b>	LED
<b>Display Colours:</b>	16.7M
<b>Protective Screen:</b>	8mm nominal laminated chemically treated safety glass with anti-glare coating.

### CONTACT US

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#### ELECTRICAL

**Voltage Source:** 110 - 230VAC 50 Hz, + 10%, - 6%.  
**Power Consumption:** 450Watts. Typical, (1450 Watts Max).

**Ingress Protection:** IP65  
**Impact Protection:** IK08  
**Dimensions:** 1354mm x 826mm x 200mm.  
**Fixings:** M10 x 4, 630mm centres on rear face  
**Weight:** 79kg approx

#### ENVIRONMENTAL

**Temperature:** -20°C + 40°C  
**Humidity:** 10% to 90%

#### INTEGRATED COMPUTER

**Platform:** Standard Atom D2550 NM10 (ECM-CDV).  
**Operating System:** Windows 7 embedded.  
**Connectivity:** LAN connection, Integrated 3G/4G modem or Wi-Fi WAN networks as options.

#### DISPLAY ENCLOSURE

**Enclosure:** Fabricated aluminium enclosure with polyester powder coating  
**Control:** Full diagnostic facilities including internal temperature and status monitoring and impact detection.  
**Environmental:** Heat control elements and heat exchanger to meet specified temperature extremes.  
**Audio:** 2 x 2W rated speakers with amplifier.

#### ADDITIONAL OPTIONS

**Platform upgrade:** Intel Core i7-4700EQ upgrade available with Saffron display driver.  
**REACT 3:** Optional  
**Finish:** Powder coating paint finish and vinyl graphics to customer specification.  
**Touch Screen:** Capacitive film touch screen to allow customer interaction

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