

Product

Panel type and size	TFT active matrix LCD, 12.1" diagonal
Display area width x height	245.76mm (W) x 184.32mm (H)
Pixel arrangement	RGB vertical stripe
Maximum number of pixels	1024 x 768
Luminance	400cd/m2 typ.
Contrast	600: 1 typical
Viewing angle Cr ≥ 10.1	Horizontal. Left 70°, Right 70°, Vertical Up 45°, Down 55° typical.
Response time	33ms Ton + Toff
Backlight	CCFL x 1
Display colour	16.7m colours
Input signal	LVDS 8 bits

Operational

Display resolution	XGA, 1024 x 768
Video inputs/outputs	PAL/NTSC (Up to 16 inputs and 16 buffered outputs) Picture-in-picture, text and graphics overlay via 38999 series connectors.
Controls	25 Front mounted bezel keys programmable, backlit adjustable
Testability	Start up BIT monitoring and continuous BIT
Power supply	28V vehicle supply to MIL-1275 or DEF-STAN 61-5
Communication	RS232, 422, 485
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Environmental

Operational Std	DEF-STAN 00-35	-25° to +60°C
Storage	DEF-STAN 00-35	-40 to +70°C
Humidity		100% +45°C
Shock & Vibration	DEF-STAN 00-35	
EMI/EMC	DEF-STAN 59-41	Land Class A
Salt fog	DEF-STAN 00-35	
Fungus	DEF-STAN 00-35	
Sand & Dust	DEF-STAN 00-35	
Liquid	DEF-STAN 00-35	
MTBF		>15,000 hours

Mechanical

Construction	Machined aluminium case with VESA mounts to rear and side
Controls	On/Off, brightness, contrast, BIT with multi function front keys
Finish	Alacrom Plated and painted white
Display protection	EMC Mesh 6mm front glass window
Weight	6.5 kilos
Fixtures	Stainless steel
Size	348mm width x 274mm height x 70mm depth



Other Options

VGA input, Membrane options and functions, Inclinator interface, GPS interface, MIL Can-Bus & Ethernet, NVG, LED backlight with viewing and response options

UNITRONIX Pty Ltd
 PO Box 486, Morisset NSW 2264
 NSW: Tel: 61 2 4977 3511 Fax: 61 2 4977 3522
 WA: Tel: 61 8 9455 2424 Fax: 61 8 9455 2458
unitsyd@unitronix.com.au www.unitronix.com.au