

### Product

Panel type and size	TFT active matrix LCD, 10.4" diagonal
Display area width x height	210.4 mm (W) x 157.8mm (H)
Pixel pitch	0.0685 mm (H) x 0.2055 mm (W)
Pixel arrangement	RGB vertical stripe
Maximum number of pixels	1024 x 768
Luminance	300cd/m2 typ.
Contrast	1200 : 1 typical
Viewing angle Cr≥ 10.1	Horizontal. Left 88°, Right 88°, Vertical Up 88°, Down 88° typical.
Response time	34 ms Ton + Toff
Backlight	CCFL x 1
Display colour	16.2m colours
Input signal	LVDS 6/8 bits

### Operational

Display resolution	Standard XGA, SVGA, VGA
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	5.5 kilos
Fixtures	Stainless steel
Size	306mm width x 241mm height x 70mm depth

### Other Options

VGA input, Membrane options and functions, Inclinator interface, GPS interface, MIL Can-Bus & Ethernet, NVG

### UNITRONIX Pty Ltd

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