

Displays

Ruggedised TFT-LCD Monitors

Superior image quality, wide viewing angle and versatility. These monitors have one of

the fastest response times available and superb image resolution, colour and contrast quality to match.



Multiple video inputs together with wide ranging environmental specification and display flexibility enable top quality images to be displayed in any number of applications from Military to Commercial.

Key Features

- High Resolution
- Fast Response
- Wide Viewing Angle
- Low Power Consumption
- Brightness Adjustable from near 0% to 100%
- 16 Million Colours
- Multiple Video Inputs
- Military/Industrial/Commercial Applications

Mechanical Specifications

- Aluminium Front Bezel
- Anti-Glare, Scratch Resistant Screen Protection
- Panel/VESA Mounting
- Black Semi-Gloss Colour (Optional)

Power Specifications (Typical)

Input Voltage:	12VDC (nominal)
Input Current:	4A
Power Consumption:	50W

Size Range

8.4"	213mm	19"	483mm
12.1"	307mm	20.1"	510mm
17"	432mm	21.3"	541mm
18.1"	460mm	23"	584mm

Other sizes available on request

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Environmental Specifications

Temperature:	0°C to 50°C operating -20°C to 60°C storage
Drip/Dust:	IP54 (Panel mounted to manufacturers instructions)
Shock (Operating):	15G 11mS Half-sine, Def Stan 00-35 (part 3)
Vibration (Operating):	5-33 Hz 0.125mm, Def Stan 00-35 (part 3)

Onscreen Controls

- Auto Adjust
- Input Select
- Phase Adjust
- Geometry Setting
- RGB Colour Adjust (inc.flesh tone)
- YUV Adjust
- Brightness Adjust from zero to max.
- Contrast Adjust
- Special Effects (inc picture rotate)
- Language Select
- Clock
- Customer and/or Factory Set Configuration Settings Available

Video Interfaces

Analogue RGB - VGA DB15F
DVI-D
Composite Video
S-Video

Other Features

Fan Fail Alarm Indicator
Over Temperature Alarm Indicator
Power Indicator
Internal Electronic Elapsed Time Indicator
12VDC - HRS 3 Way connector, RM12BRD-3PH

EMI/RFI Specifications

Emissions and Susceptibility: Def-Stan 59-41 (part 3)
Designed to meet EN55022/EN 61000

*Tested whilst panel mounted to external enclosure

Display Specifications

Pixel Pitch (h/v): 0.2805mm x 0.2805mm (typ)
Viewing Angle (h/v): 170° x170° (typ)
Brightness: 250cd/m² (typ)
Contrast Ratio: 350:1 (typ)
Colours: 16 Million (48 Bit)
Pixel Response: 20 mS (typ)
Anti Glare Coating

Approvals

ISO9001
C.E. Approval Pending



T45 Combat Management System Console

(By kind permission of BAE Systems)

For more information and discussion on your specific requirements call sales on

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