

Aish Technologies



Colour 18.1" TFT-LCD Monitors

(Part No. A0-107132)

Superior image quality, wide viewing angle & versatility. With a full 46 cm (18.1") viewable area, this monitor has one of the fastest response times available with the image resolution, colour & contrast quality to match. Multiple video inputs, wide ranging environmental specification & display flexibility enable top quality images to be displayed in any number of applications from Military to commercial.

Key Features

- 18.1-Inch/46cm
- 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

Display Specifications

Viewable Size:	359mm x 287mm
Native Resolution:	1280 x 1024
Pixel Pitch (h/v):	0.2805mm x 0.2805mm
Viewing Angle (h/v):	170° x 170°
Brightness:	250cd/m ² (typ)
Contrast Ratio:	350:1 (typ)
Colours:	16 Million (48 Bit)
Pixel Response	20 mS (typ)
Anti Glare Coating	

Mechanical Specifications

Height:	355mm
Width:	482mm
Depth:	79mm
Weight:	9 Kg (approx)
Mounting:	Panel/VESA
Colour:	Black Semi-Gloss

Power Specifications

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

Onscreen Controls

- Auto Adjust
- Input Select
- Phase Adjust
- Geometry Settings
- RGB Colour Adjust (inc. flesh tone)
- YUV Adjust
- Brightness Adjust
- Contrast Adjust
- Special Effects (inc. picture rotate)
- Language Select
- Clock
- Factory Configurable Custom Settings Available

Video Interfaces

- Analogue RGB – VGA DB15F
- DVI-D
- Composite Video
- S-Video
- 12VDC – HRS 3 Way connector, RM12BRD-3PH

Other features

- Fan Fail Alarm Indicator
- Over Temperature Alarm Indicator
- Power Indicator
- Internal Electronic Elapsed Time Indicator

EMI/RFI Specifications

Emissions & Susceptibility Def-Stan 59-41 Pt3*,
Designed to meet EN55022, EN 61000

* Tested whilst panel mounted to external enclosure

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)

Approvals

ISO9001

For more information or to discuss
specific requirements please contact:

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