AP-S2012

12.1" 1024 x 768 rugged military display with 1000-nits high brightness, VGA + DVI input, full IP66 rated enclosure, VESA mount, and MIL-STD-810G/461F testing standards.



- 12.1" 1024 x 768 rugged military display
- Supports 1000-nits high brightness LCD panel
- VGA + DVI video input (D38999 connector)
- AR protective glass & optical bonding
- Full IP66 water resistant and dustproof enclosure
- MIL-STD-810G and MIL-STD-461F testing compliance
- -30°C to 60°C wide working temperature range
- VESA (75 x 75mm / 100 x 100mm) mounting holes
- 9~36V DC power input (D38999 connector)

Description

The AP-S2012 is a 12.1-inch rugged military display supporting 1024 x 768 resolution, 1000-nits high brightness, and a front AR protective glass. Designed with a full IP66 rugged enclosure with MIL-STD-810G and 461F testing standards and a wide working temperature range of -30°C to 60°C, the monitor is ideal for harsh working environments. The AP-S2012 features VGA + DVI input, optical bonding, D38999 connectors, and a 9 to 36V DC power input. It has rear VESA (75 x 75mm) mounting holes that allow users to easily mount the display into an enclosure, cabinet, or other applications.

Technical Specifications

SPECIFICATION	VALUE
Material	Full IP66 rated housing
LCD Panel	Size: 12.1 inch Max. Resolution: 1024 x 768 Brightness (cd/m²): 1000 Contrast Ratio (typ.): 1000:1 Viewing Angle (H/V): 176° x 176° Backlight: LED Colors: 16.2M
LCD Protection	AR protective glass in front Optical bonding

Specifications subject to change without notice.

Video input	VGA + DVI input (D38999 connector)
Panel Control	Brightness Control: 0~100% dimming by OSD buttons Thermal Control: Heater Board / Heater Film Integrated Power Protection: Reversed Polarization Protection
OSD Buttons	8 buttons front OSD controller (Including Power On/Off, Menu, Up, Down, Reset)
Mounting Type	VESA (75mm / 100mm) mounting holes
Connectors	1 x VGA port (D38999 connector) 1 x DVI port (D38999 connector)
Weight	6 +/- 0.5 kg
Dimension	13.3”(W) x 10.87”(H) x 2.83”(D)
Power Supply	Power Input: 9~36V (D38999 connector) Power Consumption: 30 Watts (typical)
Environmental	Operating Temperature: -30°C to 60°C (-25.6°F to 140°F) Storage Temperature: -40°C to 70°C (-40°F to 158°F) Relative Humidity: 10~95%, non-condensing Vibration: MIL-STD-810G Method 514.6C-3 Shock: MIL-STD-810G Method 516.6 Humidity: MIL-STD-810G Method 507.5-7 High Temperature: MIL-STD-810G Method 501.5-11 Low Temperature: MIL-STD-810G Method 502.5 EMI Compliance: MIL-STD-461F, CE102, RE102

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