RMW7180

17.3 inch 1920 x 1080 FHD military-grade LCD monitor with VGA + DVI video input in an 8U high rackmount enclosure with MIL-STD-810G wide working temperature.



- 8U 17.3" rugged military rackmount LCD monitor
- Supports 1920 x 1080 (Full HD) pixel resolution
- 400-nit brightness, option for 1000-nit high brightness
- VGA + DVI video input, option for DP, HDMI, or BNC input
- AR glass, option for ITO or Resistive / Capacitive touch screen
- Option for dimming light sensor and optical bond
- MIL-STD-810G compliance for vibration, shock, humidity
- Extended working temperature range from -15°C to 55°C
- DC power input with external AC power adapter

Description

The RMW7180 is an 8U high 17.3" rugged military rackmount LCD display supporting Full HD (1920 X 1080), AR protective glass, VGA + DVI video input. Built for rugged harsh environments, the RMW7180 features -15°C to 55°C extended working temperature range and MIL-STD-810G compliance for vibration, shock, and humidity.

Technical Specifications

SPECIFICATION	VALUE
Material	Heavy-duty steel
LCD Panel	Size: 17.3 inch Max Resolution: 1920 x 1080 Brightness (cd/m²): 400, option for 1000-nit high brightness Contrast Ratio (typ.) : 600:1 Viewing Angle (H/V): 160° x 140° Active Area (mm): 381.89H x 214.81V Pixel Pitch (mm): 0.1989H x 0.1989V Colors: 16.7M, 8-bit Backlight: LED
LCD Protection / Touch Screen (Option)	AR protective glass (standard) Option for ITO glass with no touch Option for Resistive type touch screen with no AR or ITO glass Option for Capacitive type touch screen with no AR or ITO glass

Specifications subject to change without notice.

Video Input	VGA + DVI video input Option for DP, HDMI, BNC, or Speaker-Audio input
Front OSD Buttons	OSD Control: 1 x Power, 1 x Enter (Menu), 1 x Space, 1 x Up, 1 x Down for OSD control Keyboard FN Keys: ESC, F1, F2, 1~5 mapping to keyboard (programmable to other keys)
Light Sensor (Option)	Dimmer light sensor
Optical Bonding (Option)	Optical bonding
Connectors	1 x VGA + 1 x DVI 1 x DP (option) 1 x HDMI (option) 1 x BNC (option) 1 x 3-pin D38999 power connector w/ power adapter
Plug & Play	VESA DDC 1/2B
Power Supply	DC power with external AC power adapter Power Consumption: 35W (typical) Power Management: VEDA DPMS Compliant Option for D38999 9 to 36V DC power input or D38999 AC power input Option for MIL-STD-461E power EMI filter
Gross Weight	19.84 lb / 9 kg
Dimension	18.89"(W) x 4.72"(D) x 10.25"(H)
Environmental	Operating Temperature: -15°C to 55°C Storage Temperature: -30°C to 70°C Operating Humidity: 5% to 95%, non-condensing Vibration: MIL-STD-810G Method 514.6C-3 compliant Shock: MIL-STD-810G Method 516.6 compliant Humidity: MIL-STD-810G Method 507.5-7 compliant Low Temperature: MIL-STD-810G Method 502.5 Procedure II, C1 zone compliant High Temperature: MIL-STD-810G Method 501.5-II Procedure II, Hot Dry (A1) compliant Option for -20°C to 70°C wide range working temperature
IP Level	IP65 in front, IP54 in rear

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