

# RMW7196

18.5" Full HD military-grade LCD monitor with VGA + DVI video input, 1000-nit high brightness, and MIL-STD-810G testing standards in a 7U high rackmount enclosure.

- ▶ 7U 18.5" rugged military rackmount LCD monitor
- ▶ Supports 1920 x 1080 (Full HD) pixel resolution
- ▶ 1000-nits high brightness sunlight readable display
- ▶ VGA + DVI input, option for DP, HDMI, BNC, or Speaker-Audio
- ▶ AR glass, option for ITO or Resistive / Capacitive touch screen
- ▶ Front IP65-rated bezel for protection against dust and water
- ▶ MIL-STD-810G compliance for vibration and shock
- ▶ Extended working temperature from -15°C to 55°C
- ▶ DC power input with external AC power adapter



## Description

The RMW7196 is a rugged 7U high 18.5" rackmount LCD monitor with 1920 x 1080 display resolution, 1000-nits high brightness display, VGA + DVI input, and on-screen display (OSD). Designed for harsh environments and military environments, the 18.5" rackmount display is built with an IP65-rated front bezel, wide operating temperature from -15°C to 55°C, and MIL-STD-810G compliance. The RMW7196 features a modularized design that provides flexible configurations including touch screen technology, ITO glass protection, light sensor, additional video inputs, and D38999 connector.

## Technical Specifications

SPECIFICATION	VALUE
Construction	Anti-corrosion anodized aluminum housing
LCD Panel	Size: 18.5 inch Max Resolution: 1920 x 1080 Brightness (cd/m <sup>2</sup> ): 1000 Contrast Ratio (typ.) : 1000:1 Viewing Angle (H/V): 178° x 178° Active Area (mm): 409.8H x 230.4V Pixel Pitch (mm): 0.3H x 0.3V Colors: 16.7M Backlight: LED

*Specifications subject to change without notice.*

<b>LCD Protection / Touch Screen (Option)</b>	AR protective glass (standard) Option for ITO glass with no touch Option for Resistive or Capacitive touch screen with no AR or ITO glass
<b>Light Sensor (Option)</b>	Dimmer light sensor
<b>Optical Bonding (Option)</b>	Optical bonding
<b>Video Input</b>	VGA + DVI video input Option for DP, HDMI, BNC, or Speaker-Audio input
<b>Front OSD Buttons</b>	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) LED Indicators: 1 x Power On/Off, 1 x Sleep/Stand by
<b>Connector</b>	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
<b>Power Supply</b>	DC power with external AC power adapter Power Consumption: 35W (typical) Option for D38999 9 to 36V DC power input or D38999 AC power input Option for MIL-STD-461E power EMI filter
<b>Weight</b>	22.05 lb / 10 kg
<b>Dimension</b>	18.90"(W) x 12.42"(H) x 4.59"(D)
<b>Environmental</b>	Operating Temperature: -15°C to 55°C Option for -20°C to 70°C wide operating temperature Storage Temperature: -30°C to 70°C Operating Humidity: 10% to 95%, non-condensing Vibration: MIL-STD-810G Method 514.6C-3 compliant Shock: MIL-STD-810G Method 516.6 compliant IP Level: Front IP65 rated bezel
<b>Compliance</b>	FCC, CE, RoHS

## Request a Quote or Learn More

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