

RMW7215

21.5" FHD military-grade rackmount monitor with VGA + DVI input, -10°C to 60°C wide operating temperature, and MIL-STD-810G compliance in a 9U high rackmount enclosure.

- ▶ 9U 21.5" rugged military rackmount LCD monitor
- ▶ Supports 1920 x 1080 (FHD) pixel resolution
- ▶ Designed for a standard 22" wide rack cabinet
- ▶ 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, shock, humidity
- ▶ Extended working temperature from -10°C to 60°C
- ▶ DC power input with external AC power adapter



Description

The RMW7215 is a 21.5" Full HD rugged military display supporting 1920 x 1080 display resolution and VGA + DVI input in a 9U high rackmount enclosure. Designed for harsh environments and military applications, it features an IP65-rated front bezel, a wide operating temperature range from -10°C to 60°C, and MIL-STD-810G compliance for vibration, shock, and humidity. The RMW7215 features a modularized design that provides flexible configurations including touch screen technology, ITO glass protection, 1000-nits high brightness display, light sensor, additional video inputs, and D38999 connector.

Technical Specifications

SPECIFICATION	VALUE
Material	Heavy-duty steel
LCD Panel	Size: 21.5 inch Resolution: 1920 x 1080 @ 60Hz Brightness (cd/m ²): 250-nits, option for 1000-nits high brightness Contrast Ratio (typ.): 1000:1 Active Area: 476.64(H) x 268.11(V) Pixel Pitch (mm): 0.248(H) x 0.248(V) Viewing Angle: -85 ~ 85 (H); -80 ~ 80 (V) Max Colors: 16.7M (8 bits + FRC)
LCD Protection / Touch Screen (Option)	AR protective glass (standard)

Specifications subject to change without notice.

Option for ITO glass with no touch
Option for Resistive or Capacitive touch screen with no AR or ITO glass

Light Sensor (Option)	Dimmer light sensor
Optical Bonding (Option)	Optical bonding
Video Input	VGA + DVI video input Option for DP, HDMI, BNC, or Speaker-Audio input
Front Panel Controls	Power on/off button 7-key OSD buttons
OSD Menu Control	OSD control for contrast, color, position, auto-adjustment, factory settings, PIP between signal inputs
Mounting	9U high rackmount monitor for a standard 22 inch wide rack cabinet
Connectors	1 x VGA (D-sub 15-pin), Sync on green (SOG) supported 1 x DVI input 1 x DP input (optional) 1 x HDMI input (optional) 1 x BNC input (optional) 1 x Speaker-Audio input (optional) 1 x 3-pin D38999 power connector w/ power adapter
Power Supply	DC power with external AC power adapter Power Consumption: 40W typical, normal operation Option for D38999 9 to 36V DC power input or D38999 AC power input Option for MIL-STD-461E power EMI filter
Weight	31-33 lb / 14-15 kg
Dimension	20.47"(W) x 2.38"(D) x 14.17"(H)
Environmental	Operating Temperature: -10°C to 60°C Option for -20°C to 60°C wide operating temperature 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 IP Level: Front IP65 rated bezel
Compliance	FCC, CE, RoHS

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