

Military Grade 20.1" Console Display

RML-20R

20.1" Military Display



Features:

- High Image Quality Resolution up to 1600 x 1200 pixels
- Wide View Angle Display for ± 89 degrees
- Anti-Corrosion Housing / Fanless
- Standard AR Glass
- EMI ITO Mesh Filter Glass built-in (optional)
- Flush Rack / Rack Mount Mechanical Design
- Convenient On-Screen Display Controls
- AC Power input/ Isolation Power built-in
- Military Grade Power Connector Model D38999
- Operating Temperature -20°C to 60°C

Specification

Input :

• VGA	: 1 x VGA (15 Pin D-Sub)
• Video	: 5 x BNC (R,G,B,H,V) (Optional)
• DVI	: 1 x DVI-D
• Power Input	: 1 x AC 100~240V, Universal $\pm 10\%$ (w/D38999 Connector)

System Specification

• Brightness	: On screen button brightness control
• Light Sensor	: Auto brightness control
• Plug & Play	: VESA DDC 1/2B
• Remote Control	: Optional
• Glass	: AR glass (vandal proof glass for optional)
• EMI ITO Glass	: Optional, Transmittance 88%
• Touch Screen (Optional)	: Option1: 5-wire resistive touch Option2: 5-wire resistive touch with EMI mesh filter

Environment Compliance:

• Operating Temperature	: -20 deg. C to 60 deg. MIL-STD 810G Method 501/502, Procedure II
• Storage Temperature	: -40 deg. C to 70 deg. C MIL-STD 810G Method 501/502, Procedure I
• Humidity	: 10 to 95% (Non Condensing)
• Shock	: MIL-STD-810G Method 516.6
• Vibration	: MIL-STD-810G Method 514.6C-3 Procedure I
• Humidity	: MIL-STD-810G Method 507.5-7
• Altitude	: 0 to 15,000ft above sea level Method 500.5 Procedure II
• Sand & Dust	: MIL-STD-810F, Method 510.5 Procedure I
• EMC	: MIL-STD-461E, shown as the table next page

Panel Specification :

• Size/ Type	: 20.1" LED Backlight
• Resolution	: 1600 x 1200 @60Hz
• Brightness	: 300 (typ.)
• Contract Ratio	: 1000 : 1 (typ.)
• Viewing Angle	: -88~88 (H) ; -88~ 88 (V)
• Max. Colors	: 16.7M (8bits/colors)
• Display Area	: 408.0 (H) x 306.0 (V)
• Pixel Pitch	: 0.255 (H) x 0.255 mm (V)
• Synchronization Range	: Horizontal: 31.5~80.0kHz, Vertical: 60~75 Hz

Power Specification:

• Power Consumption	: 60 W (typ. under normal operation)
• Power Management	: VEDA DPMS Compliant
• Power Input	: 1 x AC 100~240V, Universal $\pm 10\%$ (DC 24V $\pm 10\%$ for optional)

Accessories :

• Power Cable	: Military Grade 3 Pin Power Connector (conn. Type JY27466)
• Document	: 1600 x 1200 @60Hz
• Cables	: 1 x DVI shielding cable 2 meters 1 x VGA shielding cable 2 meters
• Cables(Optional)	: 1 x Touch RS232 cable 1.8 meters 1 x RS232 remote control cable 1.8 meters 1 x Power Input cable 1.8 meters