

RM6821

21.5" 1920 x 1080 Full HD rackmount LCD monitor supporting a 1000-nits high brightness display and VGA + HDMI video input in an 8U high rackmount monitor enclosure.

- ▶ 8U 21.5" high brightness rack LCD monitor
- ▶ 1000-nits high brightness display
- ▶ Supports 1920 x 1080 FHD native resolution
- ▶ Front OSD (on-screen display) function
- ▶ VGA + HDMI video input
- ▶ Option for DVI-D, DP, BNC, Audio, Speaker, or 3G-SDI input
- ▶ Option for Resistive or Projected Capacitive touch screen
- ▶ Auto-sensing 100 to 240VAC, 50 / 60Hz power input
- ▶ Option for 12V / 24V / 48V / 125V DC power input



Description

The RM6821 is a 21.5" high brightness rack LCD monitor designed for outdoor applications or environments with high ambient lighting. The LCD panel supports 1920 x 1080 Full HD resolution, 1000-nits high brightness, 5000:1 contrast ratio, and 16.7 million colors. The monitor features VGA + HDMI video input, easy access to front OSD functions, and an 8U high rack enclosure designed for standard 19" wide rack cabinets. Options are available for touch screen technology, additional video input modules, and DC power input.

Technical Specifications

SPECIFICATION	VALUE
Construction	Heavy-duty steel
LCD Panel	Size: 21.5 inch Native Resolution: 1920 x 1080 Brightness (cd/m ²): 1000 Contrast Ratio (typ.): 5000:1 Colors: 16.7 M Viewing Angle (H/V): 178° x 178° Response Time (ms): 16 Dot Pitch (mm): 0.248 Display Area (mm): 476.64H x 268.11V Surface Treatment: Anti-glare Surface Hardness: 3H Backlight Type: LED

Specifications subject to change without notice.

	MTBF (hrs): 50,000
Video input	Standard: VGA + HDMI video input Option: DVI-D, DP, BNC, Audio, Speaker, or 3G-SDI input
Touch screen (Option)	Resistive 1-pt touch screen - USB port Projected Capacitive 10-pt touch screen - USB port
Front panel control	Power on/off switch OSD membrane switch
Connector	1 x VGA + 1 x DVI-D
Power Supply	Input: Auto-sensing 100 to 240VAC, 50 / 60Hz Power Consumption: Max. 32W, Standby 2W Option for 12V / 24V / 48V / 125V DC power input
Mounting	8U high rackmount for a standard 19" wide rackmount cabinet VESA (100 x 100mm) mounting holes
Casing Color	Black front panel (RAL 9005)
Weight	19.4 lb / 8.8 kg
Dimension	Product: 19.8"(W) x 2.5"(D) x 13.9"(H) Packing: 21.9"(W) x 23.0"(D) x 5.4"(H)
Environmental	Operating Temperature: 0°C to 55°C Storage Temperature: -20°C to 60°C Relative Humidity: 5~90%, non-condensing Altitude (Operating / Non-Operating): 16,000 ft / 40,000 ft Shock: 10G acceleration (11 ms duration) Vibration: 10~300Hz 0.5G RMS random vibration
Compliance	CE, FCC, RoHS, TAA

Available Configurations

Video Input

- VGA + DVI-D + HDMI W/speaker
- VGA + DVI-D + HDMI + MCS (multi-display control)

LCD monitor

- 21.5 1920 by 1080P full HD monitor

Touch Screen

- N/A
- 21.5-inch wide screen resistive-type touch screen with USB port
- 21.5-inch wide screen capacitive-type touch screen with USB port

Power Supply

- 110/220VAC power supply
- 12VDC power adapter
- 24VDC power adapter
- 48VDC power adapter

Specifications subject to change without notice.

- 110VDC power adapter
- 125VDC power adapter

IP65 / NEMA4 rated front bezel

- N/A
- IP65 / NEMA4 rated front bezel

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