

RLCD19-8U Rugged Rack Mount 19" FPD

Technical Info

Viewable image size	19"
Aspect ratio	5:4
Native resolution	1280x1024
Dot pitch	.29 mm
Resolution compatibility (scaled)	640x480, 720x400, 800x600, 832x624, 1024x768, 1152x864, and 1280x1024 @60Hz

Screen type

Thin film transistor active matrix liquid crystal display

Image controls

Front-mounted buttons navigate on-screen display controls for brightness, contrast, color settings, screen position, language, and input selection

Viewing angle	170° vertical and horizontal
Contrast Ratio	700:1
Brightness	250 to ~800 (out doors) cd/m ²
White balance	Presets for 9300K and 6300K
Connectivity	
Input compatibility	Analog VGA, DVI (5 BNC opn)
Horizontal scan range	30 kHz to 80 kHz
Vertical scan range	56 to 75 Hz



Options

28 VDC Power
Capacitive Touch Screen
Night Vision Filter
Low Temp – preheat
Mil-S-901D Lightweight Grade A
Mil-Std 461D EMI

Environmental

Operating temperature range: 0°C to 50°C
Operating humidity range: 5% to 95% relative humidity, non condensing
Drip proof front panel MIL-STD 810E
Sand and Dust front panel MIL-STD 810E
Non operating: -55°C to 70°C
Shock operating: 20g 11ms ½ sine wave
Shock non-operating: 30g 11ms ½ sine wave
Vibration operating:
Non-operating, Two hours each axis (x,y,z)
10 TO 100 Hz at Power Spectral Density of 0.02 g²/Hz
100 to 500 Hz at PSD of 0.005 g²/Hz
Operating, Two hours each axis (x,y,z)
10 to 500 Hz at PSD of 0.0005 g²/Hz
Shape - Random sinusoidal

EMI/EMC: FCC Class B

Polycarbonate protective screen w/transflective coating

Physical and Power

Line voltage 100 to 240 VAC Frequency 50 to 60 Hz, single phase
400 Hz, 50 ms Hold Up option
Power 40 W maximum operating
2 W in power-saving mode
Size 19"W x 14" H (8U) x 4.4"D (approximate)
Weight 16 Lb. (approximate – depends on options)
Mounting options: Rack, Panel, Desktop, Custom

CRI

Rugged COTS Solutions