

RLCD19 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	176° vertical and horizontal
Contrast Ratio	500:1
Brightness	350 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

Physical and Power

Line voltage	100 to 240 VAC
Frequency	50 to 60 Hz, single phase
Power	40 W maximum operating 2 W in power-saving mode
Size	19"W x 15.7" H (9U) x 4"D (approximate)
Weight	18 Lb. (approximate)
Mounting options:	Rack, Panel, Desktop, Custom

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 g ² /Hz 100 to 500 Hz at PSD of 0.005 g ² /Hz Operating, Two hours each axis (x,y,z) 10 to 500 Hz at PSD of 0.0005 g ² /Hz Shape - Random sinusoidal

EMI/EMC: FCC Class B

Polycarbonate protective screen w/reflective coating



Agency Approvals

UL, CSA, TUV-GS, SEMKO, NEMKO, DEMKO, FIMKO, FCC CLASS B, CE, TCO95, TCO99, ISO9241-3, NUTEK, EPA, KOREA, VCCI-2, C-TICK, GOST

System compatibility

Silicon Graphics® 230, Silicon Graphics® 330, Silicon Graphics® 550 and Silicon Graphics® Zx10™ workstations. Silicon Graphics® O2®, Silicon Graphics® Octane®, and Silicon Graphics® Octane2™ visual workstations. Silicon Graphics® 750 system. Silicon Graphics® Onyx2®, SGI™ Onyx 3000 series systems.

Any Windows® 98/2000/XP, Windows NT®, or Linux® system with VGA or DVI video output. Apple® Macintosh® OS 8.0 and above with VGA, DVI, or ADC (with optional ADC to DVI converter) connector, and Sun® Solaris™ system with VGA connector.

Options

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