

LCD20-T-KB Rugged Rack Mount 20" FPD

Technical Info

Viewable image size	20"
TFT-Active Matrix	
Aspect ratio	5:4
Native resolution	1600 x 1200
Dot pitch	.255 mm
Resolution compatibility (scaled)	640x480, 720x400, 800x600, 832x624, 1024x768, 1152x864, and 1280x1024 @60Hz, 1200 x 1600

Image controls

Front-mounted membrane switch 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	250 cd/m ²
Colors	Over 16 Million
Connectivity	
Input compatibility	Analog VGA, DVI
Horizontal scan range	31.5 kHz to 91.1 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 3.75" H (3U) (stowed) x 20.9" D
Weight	50 Lb. (approximate depends on options)

Environmental

Operating temperature range:	0°C to 50°C
Operating humidity range:	5% to 95% relative humidity, non condensing
Drip proof and splash proof in operation	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 Mil-Std 901D Grade B
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



Rugged Rack Mount
20" FPD In 3U Drawer with
Integrated RKB525
Rugged Keyboard and
Slides.

Options

28 VDC Power
Night Vision Filter
Mil-Std 461D EMI

Applications: High Resolution

- Deployed Military
- Homeland Security
- Industrial

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Side View



Front View - closed

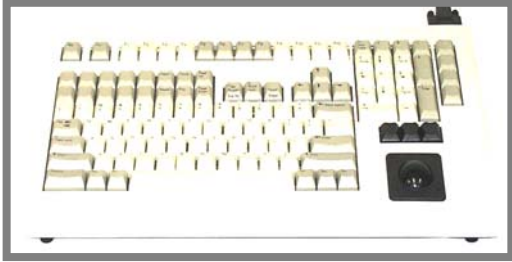
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Rear View



RKB525 Rugged Keyboard w/integral trackball



Features

- Aluminum enclosure, stainless HW
- Spill/rain/dust proof Mil-Std 810
- Dimensions: 16.9"W x 8.5"D x 1.8"H
- Integrated 1 3/8" Trackball
- PS2, USB, SUN, RS232 or RS422 interfaces
- Standard black or beige (custom colors available)
- 6 ft. cable assembly (double shielded for EMI/RFI)



Available Options:

- Rack mount: 1U space bolt on locking slides
- Backlighting (green, red, amber) key activated brightness control



**1U Slide mount for 19" rack
with wrist pad**