

# Military Grade 3U 20" Rack Mount LCD Keyboard Drawer

## Model: RMK320D

### Features

- All aluminum enclosure
- 1600 x 1200 resolution
- Mil-Std 810E shock and vibrate
- Splash Proof front panel
- Membrane switch display control
- Optional 28 VDC Power
- Optional Night Vision Filter
- Optional Mil-Std 461D EMI



### Display Specifications

Viewable image size	20"
Aspect ratio	5:4
Native resolution	1600 x 1200
Dot pitch	0.255mm
Resolution compatibility (scaled)	640x480, 720x400, 800x600, 832x624, 1024x768, 1152x864, 1280x1024, 1200x1600 @60Hz
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
Contract Ratio	500:1
Brightness	250 nits
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	40W maximum operating 2W in power-saving mode
Size	19"W x 5.25"H (8U) x 20.9"D (approximate)
Weight	50 lb. (approximate)

## Environmental

Operating temperature range	0 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 to 70 °C
Shock operating	20g 11ms 1/2 sine wave
Shock non-operating	30g 11ms 1/2 sine wave
Vibration operating	<b>Non-operating:</b> Two hours each axis (x,y,z)10 TO 100 Hz at Power Spectral Density of 0.02 g <sup>2</sup> /Hz 100 to 500 Hz at PSD of 0.005 g <sup>2</sup> /Hz <b>Operating:</b> Two hours each axis (x,y,z)10 to 500 Hz at PSD of 0.0005 g <sup>2</sup> /Hz Shape -Random sinusoidal
EMI/EMC	FCC Class B
Polycarbonate protective screen	Yes

## Options

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

## Applications

Deployed Military  
Homeland Security  
Industrial

