

SMD Series

1U Sun-Specific
LCD Monitor Drawer



Generation 4

General Information

Form Factor	: 1U Rackmount
Mounting Type	: 4 Post/Cabinet
Number of Drawers	: 1
LCD Access	: Clamshell Style
Model Version	: Generation 4 (Gen4)
Color	: Black (Custom Available)
Hardware Supported	: Multi-Platform
Regulatory Approval	: CE, FCC, RoHS
Warranty	: 2 Years (Extended Available)

LCD - SMD-17 (17")

Display Size	: 17" Diagonal
Ratio	: 4:3
LCD Manufacturer	: Samsung
LCD Type	: Grade A Industrial TFT LCD Panel
Backlighting	: Cold Cathode Fluorescent Lamp (CCFL)
Resolution	: 1280x1024
Display Color	: 16.7M
Brightness	: 250 cd/m ²
Contrast Ratio	: 1000:1 typical
Viewing Angle	: 160° / 160°
Active Area	: 338 x 270 mm
Signal Input	: VGA, DVI-D
MTBF	: 50,000 hours

LCD - SMD-19 (19")

Display Size	: 19" Diagonal
Ratio	: 4:3
LCD Manufacturer	: Samsung
LCD Type	: Grade A Industrial TFT LCD Panel
Backlighting	: Cold Cathode Fluorescent Lamp (CCFL)
Resolution	: 1280x1024
Display Color	: 16.7M
Brightness	: 250 cd/m ²
Contrast Ratio	: 1000:1 typical
Viewing Angle	: 160° / 160°
Active Area	: 376 x 301 mm
Signal Input	: VGA, DVI-D
MTBF	: 50,000 hours

LCD - SMD-20 (20")

Display Size	: 20" Diagonal
Ratio	: 4:3
LCD Manufacturer	: LG
LCD Type	: Grade A Industrial TFT LCD Panel
Backlighting	: Cold Cathode Fluorescent Lamp (CCFL)
Resolution	: 1600x1200
Display Color	: 16.7M
Brightness	: 300 cd/m ²
Contrast Ratio	: 800:1 typical
Viewing Angle	: 178° / 178°
Active Area	: 408 x 306 mm
Signal Input	: VGA, DVI-D
MTBF	: 45,000 hours

Sun-Specific Features

Direct Resolution	: 1152x900
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Environmental

Temperature	: 0 to 50 Degree Celsius (Operation)
	: -5 to 60 Degree Celsius (Storage)
Relative Humidity	: 5~90%, Non-Condensing
Shock	: 10G Acceleration (11ms Dur, Half Sine)
Vibration	: 5~500Hz 1G RMS Random Vibration

Mounting Depth

SMD-17, 19	: 19.75" to 31.25" (4 Post, 16" Brackets)
SMD-20	: 21" to 38" (4 Post, 16" Brackets)

Dimensions & Weight

SMD-17, 19	: 17.4" W x 1.73" (1U) H x 19.7" D; 27-8 lbs.
SMD-20	: 17.4" W x 1.73" (1U) H x 25.6" D; 30 lbs.



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