

# SMP Series

7U-9U Sun-Specific  
LCD Monitor Panel



## Generation 4

### General Information

Form Factor	: 7U-9U Rackmount
Mounting Type	: 2 Post/Cabinet
Model Version	: Generation 4 (Gen4)
Color	: Black (Custom Available)
Hardware Supported	: Multi-Platform
Regulatory Approval	: CE, FCC, RoHS
Warranty	: 2 Years (Extended Available)

### LCD - SMP-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 <sup>2</sup>
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 - SMP-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 <sup>2</sup>
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 - SMP-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 <sup>2</sup>
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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### Power Adapter

Input	: 100-240VAC~1.5A Max 50/60Hz
Output	: 12V~4.0A
Consumption	: Max 48 Watts

### 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

### Dimensions & Weight

SMP-17	: 18.9" W x 12.25" (7U) H x 2.1" D; 14 lbs.
SMP-19	: 18.9" W x 14" (8U) H x 2.1" D; 15 lbs.
SMP-20	: 18.9" W x 15.75" (9U) H x 2.5" D; 19 lbs.



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