

CHASSIS PLANS

CPS1-19R



- **Rack Mount—Only 1RU (1.75")**
- **Samsung 19" TFT LCD**
- **1280 x 1024 SXGA Max Resolution**
- **Analog & Digital Video Input**
- **16.7 Million Display Colors**
- **Lockout Slides to Prevent Movement**
- **Captive Thumb Screws**

The CPS1-19R is a high performance rackmount 1U 19" LCD display drawer. The display is a high quality Samsung 19" TFT LCD with a maximum resolution of 1280 x 1024. The display is stowed flat and tilts up (forward) for use. The drawer is held closed by two captive thumb screws. Lock out ball bearing slides are included along with mounting brackets to allow installation in any standard 19" rack, 25" to 36" deep.

The display offers 500:1 contrast ratio and a brightness of 250cd/m². The response time is a fast 12.5mS and the viewing angle is 140° vertical and horizontal. Both a high density VGA connector and DVI-D connector are provided for video input.

As with all Chassis Plans products, a wide variety of custom options are available including paint color, customer logo, touch screens, contrast filters, transmissive daylight modification, and hard coated vandal shields. Lightweight aluminum versions are available for transit case installation.



Dimensions

19" (wide) x 1.75" (high)
Mounting for 25.4" to 35.8" rack depth

Display

19" SAMSUNG TFT/LCD Panel
Display Resolution: SXGA 1280 X 1024
Display Colors: 16.7 Million
Display area: 376.3mm x 301.1mm
(19" diagonal)
Contrast Ratio: 500:1 typical
Brightness: 250 cd/m2 typical
Pixel Pitch: 0.297mm x 0.297mm
Viewing Angle (U/D/L/R): 70/70/70/70 deg
Response Time (mS @ 25 °C): <12.5
Video Input Connector:
VGA: 15-pin high density DB-15
DVI: Standard DVI-D connector
Power Management: EPA Energy Star, VESA
DPMS

Display Resolution Modes

VESA VGA/SVGA/XGA/SXGA
Recommended Resolution: 1280x1024@60Hz
640 x 350 @ 60Hz
640 x 400 @ 70Hz
Mac VGA
640 x 480 @ 60,72,75Hz
Mac SVGA
720 x 400 @ 70Hz
Mac XGA
800 x 600 @ 56,60,72,75Hz
1024 x 768 @ 60,70,75Hz
1280 x 1024 @ 60, 70, 75Hz

On Screen Display

Adjustment

Brightness
Contrast
Clock
Phase
Auto Adjust

Color Temp

6500K/9300K/User

Setup

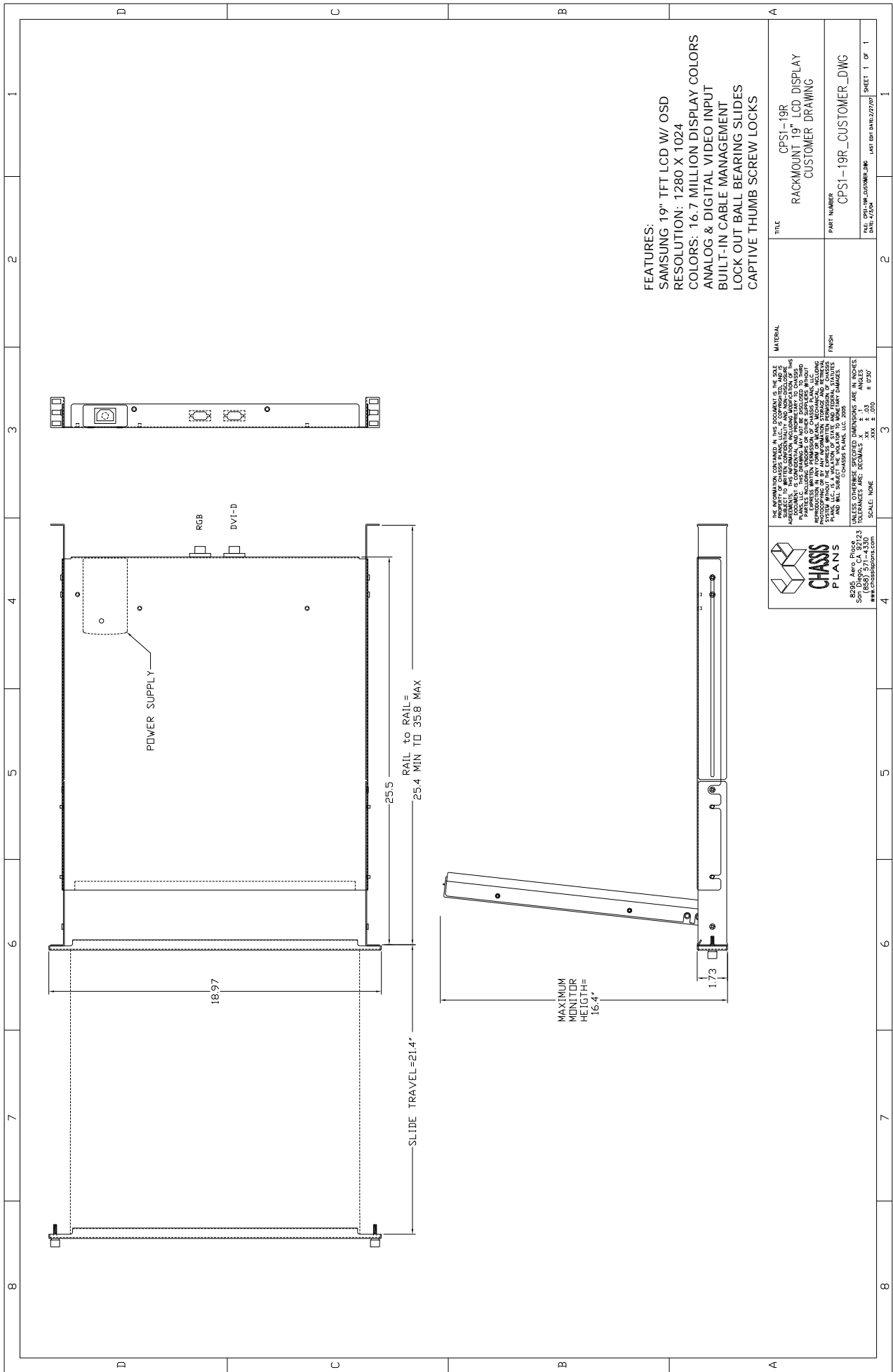
Image (Hor Position, Vert Position,
Gamma
OSD (Language, Color, Position,
Duration, Lock)
Mode Recall
Backlight
Auto Sleep

Agency Approvals

FCC-B, EMI/EMC/CE/BSMI

Ordering Guide

CPS1-19R



FEATURES:
 SAMSUNG 19" TFT LCD W/ OSD
 RESOLUTION: 1280 X 1024
 COLORS: 16.7 MILLION DISPLAY COLORS
 ANALOG & DIGITAL VIDEO INPUT
 BUILT-IN CABLE MANAGEMENT
 LOCK OUT BALL BEARING SLIDES
 CAPTIVE THUMB SCREW LOCKS

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TITLE	CPS1-19R RACKMOUNT 19" LCD DISPLAY CUSTOMER DRAWING
MATERIAL	
PART NUMBER	CPS1-19R_CUSTOMER_DWG
FINISH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	ANGLES
TOLERANCES ARE: DECIMALS .X .1 .1	FRACTIONS 1/16 1/8 1/4
SCALE: NONE	XXX 1:100

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