

SIMATIC FLAT PANEL 19T EXTENDED 19 INCH TOUCH TFT-DISPLAY WITH 1280X1024 PIXEL RESOLUTION 24V DC AND 120/240V AC, VGA, DVI-D INTERFACE, CABLE LENGTH UP TO 30M

General information

Product type designation

Flat panel monitors

Display

Design of display TFT widescreen display, LED backlighting

Screen diagonal 19 in

visible area (HxV) in mm 376 x 301

Viewing angle 170° x 170°

On Screen Display (OSD) configuration Yes

Number of colors 16 000 000; 16.7 million

Number of colors (bit levels) 16.7 million

Resolution (pixels)

- Resolution (WxH in pixel) 1280 x 1024
- Horizontal image resolution 1 280 Pixel
- Vertical image resolution 1 024 Pixel

General features

- Brightness/contrast > 300 cd/m² / 300:1

Backlighting

- Type of backlighting LED, dimmable
- MTBF backlighting (up to 50%, at 25 °C) 50 000 h; At 25°C
- Backlight dimmable Yes; 0-100 %

Control elements

Input device

- Integrated mouse cursor control No

Keyboard fonts

- Function keys
- Number of function keys 0

Installation type/mounting

Design Built-in unit

Rack mounting possible Yes

Built-in unit Yes; Portrait mode possible

- permissible angle to the vertical backward (console) 70°; max. 40°C

• permissible angle to the vertical forward (ceiling mounting)	35°; max. 40°C
VESA mounting	No
Supply voltage	
Type of supply voltage	AC/DC
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
permissible range, lower limit (AC)	90 V
permissible range, upper limit (AC)	264 V
Interfaces	
Video interfaces	
• analog video signal (VGA)	Yes
Degree and class of protection	
IP54 at front	Yes; For screw mounting in 19" rack
IP65 at front	Yes; if mounted with the supplied latch fasteners
IP20 rear	Yes
Standards, approvals, certificates	
UL approval	Yes
EAC (formerly Gost-R)	No
Marine approval	
• Germanischer Lloyd (GL)	Yes
• American Bureau of Shipping (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Polski Rejestr Statkow (PRS)	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C
Mechanics/material	
Enclosure material (front)	
• Aluminum	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	400 mm
Mounting cutout, width	450 mm
Mounting cutout, height	380 mm
Overall depth	57 mm

last modified:

10/15/2016