

SIMATIC FLAT PANEL 19 EXTENDED 19 INCH 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
Display width	376.3 mm
Display height	301.1 mm
Viewing angle	170° x 170°
On Screen Display (OSD) configuration	Yes
Number of colors	16 000 000; 16.7 million
Resolution (pixels)	
• Horizontal image resolution	1 280 Pixel
• Vertical image resolution	1 024 Pixel
General features	
• Brightness/contrast	> 300 cd/m ² / 300:1
Backlighting	
• Type of backlighting	LED, dimmable
• MTBF backlighting (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	No
— Number of function keys	0
Installation type/mounting	
Design	Built-in unit
Rack mounting	Yes
VESA mounting	No
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

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	
CE mark	Yes
CSA approval	Yes
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
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	70 °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:

07/17/2017