

SIMATIC IFP2200 PRO Flat Panel 22" display (16:9), Multitouch, Full HD resolution, suitable for pedestal/ extension components, 1920 x 1080 pixels, for 24V DC, DisplayPort / DVI interface IP65 fully enclosed, ethernet monitor with base adapter



General information

Short designation Flat Panel 22" PRO ETH multi-touch ext.

Display

Design of display TFT widescreen display, LED backlighting

Screen diagonal 22 in

Screen diagonal [cm] 56 cm

Display width 475.2 mm

Display height 267.3 mm

Viewing angle 170° x 160°

On Screen Display (OSD) configuration No; Adjustable by means of software

Number of colors 16 777 216; 24 bit

Resolution (pixels)

- Horizontal image resolution 1 920 Pixel
- Vertical image resolution 1 080 Pixel
- Pixel size, horizontal 0.3 mm
- Pixel size, vertical 0.3 mm

General features

- Detachable from computer unit Up to 100 m Ethernet

<ul style="list-style-type: none"> Brightness/contrast 	300 cd/m ² / 1000:1
<ul style="list-style-type: none"> non-reflective and tempered mineral glass screen 	Yes
<ul style="list-style-type: none"> Luminance 	300 cd/m ²
Backlighting	
<ul style="list-style-type: none"> Type of backlighting 	LED
<ul style="list-style-type: none"> MTBF backlighting (at 25 °C) 	50 000 h; At 25°C
<ul style="list-style-type: none"> Backlight dimmable 	Yes; 0-100 %
Control elements	
Input device	
<ul style="list-style-type: none"> Integrated mouse cursor control 	Yes; Also externally via USB
Touch operation	
<ul style="list-style-type: none"> Design as touch screen 	Yes; Projective-capacitive
<ul style="list-style-type: none"> Monitor keyboard 	Yes
Installation type/mounting	
Design	Pedestal mounting
Support arm mounting	No
Stand mounting	Yes
VESA mounting	No
Supply voltage	
Type of supply voltage	24 V DC
Rated value (DC)	24 V; PELV / SELV floating
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Power loss	
Power loss, typ.	40 W
Power loss, max.	65 W
Interfaces	
Number of industrial Ethernet interfaces	1; Ethernet, 1 port, RJ45
USB on the rear	2x onboard
Connection for keyboard/mouse	USB
Video interfaces	
<ul style="list-style-type: none"> DVI-D 	No
<ul style="list-style-type: none"> DisplayPort 	Yes; DisplayPort V1.1
Touch interfaces	
<ul style="list-style-type: none"> USB 	Yes
Degree and class of protection	
IP (all-round)	IP65
Enclosure Type 4 at the front	Yes
Enclosure Type 4x at the front	Yes

NEMA4 at the front	Yes
NEMA4X at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes; In application process
cULus	Yes; In application process
RCM (formerly C-TICK)	Yes; In application process
KC approval	No
EAC (formerly Gost-R)	Yes; In application process
Marine approval	
<ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) • Polski Rejestr Statkow (PRS) 	No
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX Zone 2 • ATEX Zone 22 • FM Class I Division 2 	No
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	0 °C 45 °C; Vertical installation (horizontal)
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. • max. 	-20 °C 60 °C
Relative humidity	
<ul style="list-style-type: none"> • Operation, max. 	95 %; no condensation
Vibrations	
<ul style="list-style-type: none"> • Vibration load in operation • Vibration load during transport/storage 	1 gn 1 gn
Shock testing	
<ul style="list-style-type: none"> • Shock load during operation • Shock load during transport/storage 	15 gn 15 gn
Mechanics/material	
<ul style="list-style-type: none"> • Enclosure material (front) • Glass 	Yes; at front
Dimensions	
Width	527 mm

Height	329 mm; Without basic adapter
Depth	94 mm; Without basic adapter
Weights	
Weight without packaging	6.7 kg
Weight incl. packaging	10 kg
last modified:	10/13/2017