SIEMENS

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

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

• Brightness/contrast	300 cd/m² / 1000:1
• non-reflective and tempered mineral glass screen	Yes
• Luminance	300 cd/m²
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %

Control elements	
Input device	
• Integrated mouse cursor control	Yes; Also externally via USB
Touch operation	
• Design as touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes

Installation type/mounting	
Design	Support arm mounting
Support arm mounting	Yes; Suitable for support arm and extension components (please refer to manual)
Stand mounting	No
VESA mounting	Yes; With VESA adapter set

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	
• DVI-D	No
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• 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

• Germanischer Lloyd (GL)	No
• American Bureau of Shipping (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (Class NK)	No
• Polski Rejestr Statkow (PRS)	No

Use in hazardous areas

• ATEX Zone 2	No
• ATEX Zone 22	No
• FM Class I Division 2	No

Ambient conditions

Ambient temperature during operation

• min.	0 °C
• max.	45 °C; Vertical installation (horizontal)

Ambient temperature during storage/transportation

• min.	-20 °C
• max.	60 °C

Relative humidity

• Operation, max.	95 %; no condensation

Vibrations

• Vibration load in operation	1 gn
• Vibration load during transport/storage	1 gn

Shock testing

• Shock load during operation	15 gn
• Shock load during transport/storage	15 gn

Mechanics/material

Enclosure material (front)

• Glass	Yes; at front

Dimensions

Width	527 mm
Height	329 mm
Depth	163 mm

Weights	
Weight without packaging	6.7 kg
Weight incl. packaging	10 kg

last modified: 10/13/2017