

*** spare part *** SIMATIC IFP2200 PRO, Flat Panel 22" display (16:9), multi-touch, prepared for support arm, and expansion elements; extended version up to 30 m, 1920 x 1080 pixels, for 24 V DC display port/DVI interface, IP65, fully enclosed, standard design



General information	
Product type designation	IFP2200 PRO
Short designation	Flat Panel 22" PRO multi-touch ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in; 22"
Screen diagonal [cm]	56 cm
Display width	476 mm
Display height	268 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	178° x 178°
Resolution (pixels)	
• Image resolution	1 920 x 1 080
• Horizontal image resolution	1 920 pixel
• Vertical image resolution	1 080 pixel
• Pixel size, horizontal	0.2475 mm
• Pixel size, vertical	0.2475 mm
General features	
• Brightness/contrast	250 cd/m² / 1 000:1
• non-reflective and tempered mineral glass screen	Yes
• Detachable from computer unit	30 m
• Luminance	250 cd/m²
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	30 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %
Control elements	
Control elements	multi-touch screen
Input device	
• Integrated mouse cursor control	Yes; Also externally via USB
Touch operation	
• Design as touch screen	Yes; Projective-capacitive
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
Installation type/mounting	
Design	Support arm mounting
Front mounting	No
Support arm mounting	Yes; Suitable for support arm and extension components (please refer

	to manual)
Stand mounting	No
Built-in unit	No; IP65 fully enclosed
maximum permitted forward tilt angle from vertical	45°
maximum permitted backward tilt angle from vertical	45°
Supply voltage	
Type of supply voltage	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
Input current	
Current consumption (rated value)	2.5 A
Current consumption, max.	3 A
Inrush current, max.	2.8 A
Starting current inrush I _{st}	0.5 A ² ·s
Power	
Active power input, typ.	40 W
Power loss	
Power loss, typ.	40 W
Power loss, max.	60 W
Interfaces	
Number of USB interfaces	2; USB 2.0 type A
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
Video interfaces	
• DVI-D	Yes
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• USB	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
• Enclosure Type 4 at the front	Yes
• Enclosure Type 4x at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes; cULus, cUL
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
Use in hazardous areas	
• ATEX Zone 2	Yes; Available soon
• ATEX Zone 22	Yes; Available soon
• IECEx Zone 2	Yes; Available soon
• IECEx Zone 22	Yes; Available soon
• cULus Class I Zone 2, Division 2	Yes; Available soon
• FM Class I Division 2	Yes; Available soon
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	10 m/s ²
• Vibration load during transport/storage	10 m/s ²
Shock testing	
• Shock load during operation	150 m/s ²
• shock acceleration during storage/transport	150 m/s ²
Mechanics/material	
Enclosure material (front)	
• Glass	Yes; at front
Enclosure material (rear)	aluminum
Dimensions	
Width	527 mm
Height	329 mm; Without basic adapter
Depth	163 mm; Without basic adapter
Width of the housing front	527 mm
Height of housing front	329 mm
Weights	
Weight (without packaging)	9.1 kg
Weight (with packaging)	12 kg

last modified: 1/16/2021 