

SIMATIC IFP2200 INOX FLAT PANEL 22" DISPLAY (16:9), Multitouch, Stainless steel front, 1920 X 1080 Pixel, For 24V DC, Displayport Interface, Ethernet Interface, Incl. DP/USB-cable 1,8 M



General information	
Product type designation	IFP2200 INOX
Short designation	Flat Panel 22" INOX multi-touch Ethernet
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in
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	170° x 170°
Resolution (pixels)	
• 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/m <sup>2</sup> / 1 000:1
• Luminance	250 cd/m <sup>2</sup>
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	No
Touch operation	
• Design as touch screen	Yes; Projective-capacitive
• Design as multi-touch screen	Yes
• Monitor keyboard	Yes
Installation type/mounting	
Front mounting	Yes
Built-in unit	Yes; Portrait mode possible
maximum permitted forward tilt angle from vertical	35°
maximum permitted backward tilt angle from vertical	35°
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V

permissible range, upper limit (DC)	28.8 V
<b>Power loss</b>	
Power loss, typ.	40 W
Power loss, max.	65 W
<b>Interfaces</b>	
Number of industrial Ethernet interfaces	1; Ethernet, 1 port, RJ45
USB on the rear	Yes; 2x onboard
Video interfaces	
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• USB	Yes
Industrial Ethernet	
• Transmission rate, max.	1 000 Mbit/s
<b>Degree and class of protection</b>	
IP (at the front)	IP66 / IPx6K and IP69 / IPx9K
IP (rear)	IP20
NEMA (front)	
• Enclosure Type 4x at the front	No; Available soon
<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	No
EAC (formerly Gost-R)	Yes
Use in hazardous areas	
• ATEX Zone 2	No; Available soon
• ATEX Zone 22	No; Available soon
• FM Class I Division 2	No; Available soon
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
<b>Ambient conditions</b>	
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C; Vertical installation (horizontal)
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Vibrations	
• Vibration load in operation	10 m/s <sup>2</sup>
• Vibration load during transport/storage	10 m/s <sup>2</sup>
Shock testing	
• Shock load during operation	150 m/s <sup>2</sup>
• shock acceleration during storage/transport	150 m/s <sup>2</sup>
<b>Mechanics/material</b>	
Enclosure material (front)	
• Glass	Yes
<b>Dimensions</b>	
Width of the housing front	544 mm
Height of housing front	345 mm
Mounting cutout, width	513 mm; Tolerance: +1 mm
Mounting cutout, height	315 mm; Tolerance: +1 mm
Overall depth	62.5 mm
<b>Weights</b>	
Weight (without packaging)	8 kg
Weight (with packaging)	9.1 kg

