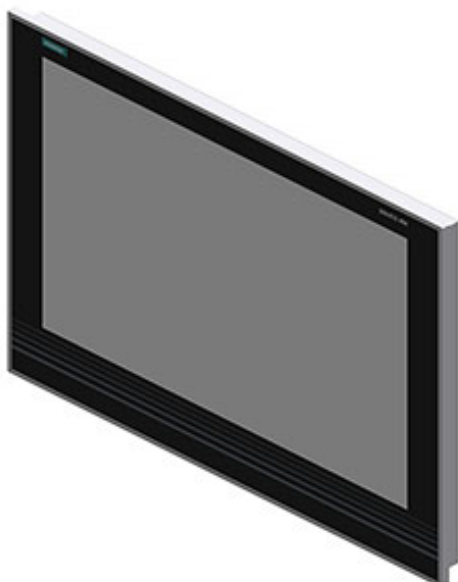


SIMATIC IFP2200 FLAT PANEL 22" DISPLAY (16:9),
MULTITOUCH, 1920 X 1080 PIXEL, FOR 24V DC, DISPLAYPORT
INTERFACE, ETHERNET INTERFACE INCL. DP/USB-CABLE 1,8
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General information

Product type designation	IFP2200
Short designation	Flat Panel 22" multi-touch Ethernet

Display

Screen diagonal	21.5 in
Screen diagonal (cm)	56 cm
Display width	476 mm
Display height	268 mm
Viewing angle	170° x 170°
Number of colors	16 777 216
Number of colors (bit levels)	24 bit

Resolution (pixels)

• Resolution (WxH in pixel)	1920 x 1080
• 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 ² / 1000:1
• Luminance	250 cd/m ²
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (up to 50%, at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %
Control elements	
Keyboard fonts	
• Function keys	No
Touch operation	
• Monitor keyboard	Yes
Installation type/mounting	
Built-in unit	Yes; Portrait mode possible
• permissible angle to the vertical backward (console)	35°
• permissible angle to the vertical forward (ceiling mounting)	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
Power loss	
Power loss DC	
• Typical	40 W
• Maximum	65 W
Interfaces	
Number of industrial Ethernet interfaces	1; Ethernet, 1 port, RJ45
USB on the rear	2
Video interfaces	
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• USB	Yes
Industrial Ethernet	
• Transmission rate, max.	1 000 Mbit/s
Degree and class of protection	
IP65 at front	Yes
IP66 at the front	Yes
Enclosure Type 4 at the front	Yes
Enclosure Type 4x at the front	Yes

Enclosure Type 12 at the front	Yes
NEMA4 at the front	No
NEMA4X at the front	No
IP20 rear	Yes

Standards, approvals, certificates

CE mark	Yes
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes

Marine approval

• Germanischer Lloyd (GL)	Yes; Available soon
• American Bureau of Shipping (ABS)	Yes; Available soon
• Bureau Veritas (BV)	Yes; Available soon
• Det Norske Veritas (DNV)	Yes; Available soon
• Lloyds Register of Shipping (LRS)	Yes; Available soon
• Nippon Kaiji Kyokai (Class NK)	Yes; Available soon

Use in hazardous areas

• ATEX Zone 2	Yes; Available soon
• ATEX Zone 22	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

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

Type of housing (front)	Glass
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Dimensions

Width of the housing front	560 mm
Height of housing front	380 mm
Mounting cutout, width	542 mm; Tolerance: +1 mm
Mounting cutout, height	362 mm; Tolerance: +1 mm

Overall depth	62.5 mm
Weights	
Weight without packaging	6.7 kg
Weight incl. packaging	7.7 kg
last modified:	10/28/2016