

SIMATIC IFP2200 Flat Panel 22" display (16: 9), Multitouch, Extended version up to 30 m, 1920x 1080 pixels, for 24 V DC and 100-240 V AC, display port/DVI interface incl. DVI/USB cable 1.8 m



Figure similar

General information	
Product type designation	IFP2200
Short designation	Flat Panel 22" 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	170° x 170°
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/m <sup>2</sup> / 1 000:1
• non-reflective and tempered mineral glass screen	Yes
• Detachable from computer unit	30 m
• 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	
Control elements	multi-touch screen
Input device	
• Integrated mouse cursor control	Yes; Also externally via USB
Keyboard fonts	
• Function keys	No
— Number of function keys	0
Touch operation	
• Design as touch screen	Yes; Projective-capacitive

• Monitor keyboard	Yes
<b>Installation type/mounting</b>	
Design	Built-in unit
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°
<b>Supply voltage</b>	
Type of supply voltage	AC/DC
Rated value (DC)	24 V; PELV
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Rated value (AC)	100 V; Up to 240V, 50/60 Hz
permissible range, lower limit (AC)	90 V
permissible range, upper limit (AC)	264 V
<b>Power loss</b>	
Power loss, typ.	40 W
Power loss, max.	65 W
<b>Interfaces</b>	
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
<b>Video interfaces</b>	
• analog video signal (VGA)	No
• DVI-D	Yes
• DisplayPort	Yes; DisplayPort V1.1
<b>Touch interfaces</b>	
• USB	Yes
<b>Degree and class of protection</b>	
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front)	
• Enclosure Type 4 at the front	Yes
• Enclosure Type 4x at the front	Yes
• Enclosure Type 12 at the front	Yes
<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes
<b>Use in hazardous areas</b>	
• ATEX Zone 2	Yes; Available soon
• ATEX Zone 22	Yes; Available soon
• FM Class I Division 2	No
<b>Marine approval</b>	
• 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
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	45 °C; Vertical installation (horizontal)
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C

<b>Relative humidity</b>	
• Operation, max.	95 %; no condensation
<b>Vibrations</b>	
• Vibration load in operation	10 m/s <sup>2</sup>
• Vibration load during transport/storage	10 m/s <sup>2</sup>
<b>Shock testing</b>	
• 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	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
<b>Weights</b>	
Weight (without packaging)	6.5 kg
Weight (with packaging)	7.6 kg

**last modified:** 12/16/2020 