

SIMATIC IFP2200 Flat Panel 22" display (16: 9), Touch, Standard up to 5 m, 1920x 1080 pixels, for 24 V DC, display port/DVI interface incl. DVI/USB cable 1.8 m



General information	
Product type designation	IFP2200
Short designation	Flat Panel 22" touch
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)	
<ul style="list-style-type: none"> <li>• Image resolution</li> </ul>	1 920 x 1 080
<ul style="list-style-type: none"> <li>• Horizontal image resolution</li> </ul>	1 920 pixel
<ul style="list-style-type: none"> <li>• Vertical image resolution</li> </ul>	1 080 pixel
<ul style="list-style-type: none"> <li>• Pixel size, horizontal</li> </ul>	0.2475 mm
<ul style="list-style-type: none"> <li>• Pixel size, vertical</li> </ul>	0.2475 mm
General features	
<ul style="list-style-type: none"> <li>• Brightness/contrast</li> </ul>	250 cd/m <sup>2</sup> / 1 000:1
<ul style="list-style-type: none"> <li>• Detachable from computer unit</li> </ul>	5 m
<ul style="list-style-type: none"> <li>• Luminance</li> </ul>	250 cd/m <sup>2</sup>
Backlighting	
<ul style="list-style-type: none"> <li>• Type of backlighting</li> </ul>	LED
<ul style="list-style-type: none"> <li>• MTBF backlighting (at 25 °C)</li> </ul>	50 000 h; At 25°C
<ul style="list-style-type: none"> <li>• Backlight dimmable</li> </ul>	Yes; 0-100 %
Control elements	
Control elements	single-touch screen
Input device	
<ul style="list-style-type: none"> <li>• Integrated mouse cursor control</li> </ul>	No
Keyboard fonts	
<ul style="list-style-type: none"> <li>• Function keys</li> </ul>	No
<ul style="list-style-type: none"> <li>— Number of function keys</li> </ul>	0
Touch operation	
<ul style="list-style-type: none"> <li>• Design as touch screen</li> </ul>	Yes; Analog-resistive
<ul style="list-style-type: none"> <li>• Monitor keyboard</li> </ul>	Yes
Installation type/mounting	

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	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>	
Video interfaces	
<ul style="list-style-type: none"> <li>analog video signal (VGA)</li> </ul>	No
<ul style="list-style-type: none"> <li>DVI-D</li> </ul>	Yes
<ul style="list-style-type: none"> <li>DisplayPort</li> </ul>	Yes; DisplayPort V1.1
Touch interfaces	
<ul style="list-style-type: none"> <li>USB</li> </ul>	Yes
<b>Degree and class of protection</b>	
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front) <ul style="list-style-type: none"> <li>Enclosure Type 4 at the front</li> </ul>	Yes
<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes
Use in hazardous areas	
<ul style="list-style-type: none"> <li>FM Class I Division 2</li> </ul>	Yes
<b>Ambient conditions</b>	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>min.</li> </ul>	0 °C
<ul style="list-style-type: none"> <li>max.</li> </ul>	45 °C; Vertical installation (horizontal)
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>min.</li> </ul>	-20 °C
<ul style="list-style-type: none"> <li>max.</li> </ul>	60 °C
Relative humidity	
<ul style="list-style-type: none"> <li>Operation, max.</li> </ul>	95 %; no condensation
Vibrations	
<ul style="list-style-type: none"> <li>Vibration load in operation</li> </ul>	10 m/s <sup>2</sup>
<ul style="list-style-type: none"> <li>Vibration load during transport/storage</li> </ul>	10 m/s <sup>2</sup>
Shock testing	
<ul style="list-style-type: none"> <li>Shock load during operation</li> </ul>	150 m/s <sup>2</sup>
<ul style="list-style-type: none"> <li>shock acceleration during storage/transport</li> </ul>	150 m/s <sup>2</sup>
<b>Mechanics/material</b>	
Enclosure material (front) <ul style="list-style-type: none"> <li>Aluminum</li> </ul>	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>	

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Weight (without packaging)

6.5 kg

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Weight (with packaging)

7.6 kg

**last modified:**

12/16/2020 