

SIMATIC IFP2200 pro Flat Panel 22" display (16:9), Multitouch, Full HD resolution, prepared for support arm and expansion elements; 1920 x 1080 pixels, for 24 V DC display port, IP65, Fully enclosed, Ethernet monitor



General information	
Product type designation	IFP2200 PRO
Short designation	Flat Panel 22" PRO ETH multi-touch ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	22 in
Screen diagonal [cm]	56 cm
Display width	475.2 mm
Display height	267.3 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	170° x 160°
Resolution (pixels)	
<ul style="list-style-type: none"> <li>• Horizontal image resolution</li> <li>• Vertical image resolution</li> <li>• Pixel size, horizontal</li> <li>• Pixel size, vertical</li> </ul>	1 920 pixel 1 080 pixel 0.3 mm 0.3 mm
General features	
<ul style="list-style-type: none"> <li>• Brightness/contrast</li> <li>• non-reflective and tempered mineral glass screen</li> <li>• Detachable from computer unit</li> <li>• Luminance</li> </ul>	300 cd/m <sup>2</sup> / 1 000:1 Yes 100 m; Ethernet 300 cd/m <sup>2</sup>
Backlighting	
<ul style="list-style-type: none"> <li>• Type of backlighting</li> <li>• MTBF backlighting (at 25 °C)</li> <li>• Backlight dimmable</li> </ul>	LED 50 000 h; At 25°C Yes; 0-100 %
Control elements	
Input device	
<ul style="list-style-type: none"> <li>• Integrated mouse cursor control</li> </ul>	Yes; Also externally via USB
Touch operation	
<ul style="list-style-type: none"> <li>• Design as touch screen</li> <li>• Monitor keyboard</li> </ul>	Yes; Projective-capacitive 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
VESA mounting	Yes; With VESA adapter set

Built-in unit	No; IP65 fully enclosed
maximum permitted forward tilt angle from vertical	45°
maximum permitted backward tilt angle from vertical	45°
<b>Supply voltage</b>	
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
<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
Connection for keyboard/mouse	USB
<b>Video interfaces</b>	
<ul style="list-style-type: none"> <li>• DVI-D</li> </ul>	No
<ul style="list-style-type: none"> <li>• DisplayPort</li> </ul>	Yes; DisplayPort V1.1
<b>Touch interfaces</b>	
<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)	IP65
NEMA (front)	
<ul style="list-style-type: none"> <li>• Enclosure Type 4 at the front</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Enclosure Type 4x at the front</li> </ul>	Yes
<b>Standards, approvals, certificates</b>	
CE mark	Yes
UL approval	Yes; In application process
cULus	Yes; In application process
RCM (formerly C-TICK)	Yes; In application process
KC approval	No
EAC (formerly Gost-R)	Yes; In application process
<b>Use in hazardous areas</b>	
<ul style="list-style-type: none"> <li>• ATEX Zone 2</li> </ul>	No
<ul style="list-style-type: none"> <li>• ATEX Zone 22</li> </ul>	No
<ul style="list-style-type: none"> <li>• FM Class I Division 2</li> </ul>	No
<b>Marine approval</b>	
<ul style="list-style-type: none"> <li>• Germanischer Lloyd (GL)</li> </ul>	No
<ul style="list-style-type: none"> <li>• American Bureau of Shipping (ABS)</li> </ul>	No
<ul style="list-style-type: none"> <li>• Bureau Veritas (BV)</li> </ul>	No
<ul style="list-style-type: none"> <li>• Det Norske Veritas (DNV)</li> </ul>	No
<ul style="list-style-type: none"> <li>• Lloyds Register of Shipping (LRS)</li> </ul>	No
<ul style="list-style-type: none"> <li>• Nippon Kaiji Kyokai (Class NK)</li> </ul>	No
<ul style="list-style-type: none"> <li>• Polski Rejestr Statkow (PRS)</li> </ul>	No
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
<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)
<b>Ambient temperature during storage/transportation</b>	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	-20 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	60 °C
<b>Relative humidity</b>	
<ul style="list-style-type: none"> <li>• Operation, max.</li> </ul>	95 %; no condensation
<b>Vibrations</b>	
<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>
<b>Shock testing</b>	
<ul style="list-style-type: none"> <li>• Shock load during operation</li> </ul>	150 m/s <sup>2</sup>

- shock acceleration during storage/transport 150 m/s<sup>2</sup>

#### Mechanics/material

- Enclosure material (front)
  - Glass Yes; at front

#### Dimensions

Width	527 mm
Height	329 mm
Depth	163 mm

#### Weights

Weight (without packaging)	6.7 kg
Weight (with packaging)	10 kg

**last modified:** 11/2/2021 