

SIMATIC IFP2200 Flat Panel 22" display (16: 9), Multitouch,  
Standard up to 5 m, 1920x 1080 pixels, for 24 V DC, 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
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
• non-reflective and tempered mineral glass screen	Yes
• Detachable from computer unit	5 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	
Input device	
• Integrated mouse cursor control	No
Keyboard fonts	
• Function keys	No
— Number of function keys	0
Touch operation	
• Design as touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
Installation type/mounting	
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; PELV
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Power loss	
Power loss, typ.	40 W
Power loss, max.	65 W
Interfaces	
Video interfaces	
• analog video signal (VGA)	No
• DVI-D	Yes
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• USB	Yes
Degree and class of protection	
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
<ul style="list-style-type: none"> <li>• Enclosure Type 4x at the front</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Enclosure Type 12 at the front</li> </ul>	Yes

### Standards, approvals, certificates

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>• ATEX Zone 2</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• ATEX Zone 22</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• FM Class I Division 2</li> </ul>	Yes

### Marine approval

<ul style="list-style-type: none"> <li>• Germanischer Lloyd (GL)</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• American Bureau of Shipping (ABS)</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• Bureau Veritas (BV)</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• Det Norske Veritas (DNV)</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• Lloyds Register of Shipping (LRS)</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• Nippon Kaiji Kyokai (Class NK)</li> </ul>	Yes; Available soon

### Ambient conditions

#### 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
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#### 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 load during transport/storage</li> </ul>	150 m/s <sup>2</sup>

### Mechanics/material

Enclosure material (front)	
<ul style="list-style-type: none"> <li>• Glass</li> </ul>	Yes

### 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	6.5 kg
Weight incl. packaging	7.6 kg

**last modified:** 06/12/2020