

SIMATIC IFP2200 V2 PRO, 22" multi-touch display (16:9) with 1920x1080 pixel resolution, PRO variant support arm, with operator control, for 24 V DC, DisplayPort, can be placed up to 100 m away HDBaseT, USB on the rear side, standard design



Figure similar

General information	
Product type designation	IFP2200 V2 PRO
Short designation	Flat Panel 22" PRO multi-touch ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in; 22"
Screen diagonal [cm]	54.6 cm
Display width	476.1 mm
Display height	267.8 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	178° x 178°
Resolution (pixels)	
• Image resolution	1 920 x 1 080
• Horizontal image resolution	1 920 pixel
• Vertical image resolution	1 080 pixel
• Pixel size, horizontal	0.248 mm
• Pixel size, vertical	0.248 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	100 m; HDBaseT protocol
• Luminance	250 cd/m <sup>2</sup>
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	30 000 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
Touch operation	
• Design as touch screen	Yes
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
Installation type/mounting	
Design	Support arm mounting
Front mounting	No

Support arm mounting	Yes
Stand mounting	No
VESA mounting	Yes; With VESA adapter set
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>Input current</b>	
Current consumption (rated value)	1 A
Current consumption, max.	1.3 A
Starting current inrush I <sup>2</sup> t	0.5 A <sup>2</sup> ·s
<b>Power loss</b>	
Power loss, typ.	24 W
Power loss, max.	31 W
<b>Interfaces</b>	
Number of USB interfaces	2; USB 2.0 type A
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
<b>Video interfaces</b>	
• DisplayPort	Yes; Display port V1.2
<b>Touch interfaces</b>	
• USB	Yes
<b>Degree and class of protection</b>	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
• Enclosure Type 4 at the front	Yes
• Enclosure Type 4x at the front	Yes
<b>Standards, approvals, certificates</b>	
Certificate of suitability	hazardous zone 2/22; shipbuilding
CE mark	Yes
UL approval	Yes
cULus	Yes; Corresponds to UL 508
FM approval	in preparation
RCM (formerly C-TICK)	Yes
EAC (formerly Gost-R)	Yes
EMC	CE, EN 55011, EN 61000-6-4, EN 61000-6-2
<b>Ecological footprint</b>	
• environmental product declaration	Yes
<b>Global warming potential</b>	
— global warming potential, (total) [CO <sub>2</sub> eq]	429.69596 kg
— global warming potential, (during production) [CO <sub>2</sub> eq]	99.28 kg
— global warming potential, (during operation) [CO <sub>2</sub> eq]	347.89539 kg
— global warming potential, (after end of life cycle) [CO <sub>2</sub> eq]	-20.11943 kg
<b>Use in hazardous areas</b>	
• ATEX Zone 2	Yes
• ATEX Zone 22	Yes
• IECEx Zone 2	Yes
• IECEx Zone 22	Yes
• FM Class I Division 2	No
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C

• max.	45 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C
<b>Altitude during operation relating to sea level</b>	
• Installation altitude above sea level, max.	3 500 m
<b>Relative humidity</b>	
• Operation, max.	95 %; no condensation
<b>Vibrations</b>	
• Vibration load in operation	1 gn
• Vibration load during transport/storage	1 gn
<b>Shock testing</b>	
• Shock load during operation	15 gn
• shock acceleration during storage/transport	15 gn

<b>Mechanics/material</b>	
Enclosure material (front)	In standard design
• Aluminum	Yes
• Aluminum casting	Yes
• Glass	Yes; at front
Enclosure material (rear)	aluminum

<b>Dimensions</b>	
Width of the housing front	527 mm
Height of housing front	329 mm

<b>Weights</b>	
Weight (without packaging)	8.2 kg
Weight (with packaging)	9.1 kg

<b>Classifications</b>			
		<b>Version</b>	<b>Classification</b>
	eClass	14	19-20-02-01
	eClass	12	19-20-02-01
	eClass	9.1	19-20-02-01
	eClass	9	19-20-02-01
	eClass	8	19-20-02-01
	eClass	7.1	19-20-02-01
	eClass	6	19-20-02-01
	ETIM	10	EC004862
	ETIM	9	EC001428
	ETIM	8	EC001428
	ETIM	7	EC001428
	IDEA	4	6675
	UNSPSC	15	43-21-19-02

**Approvals / Certificates**

**General Product Approval**



[Miscellaneous](#)

[Manufacturer Declaration](#)



**General Product Approval**      **EMV**      **For use in hazardous locations**

[China RoHS](#)





IECEEx

[Miscellaneous](#)



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last modified:

4/1/2025