## **SIEMENS**

## **Data sheet**



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 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)	
<ul> <li>Image resolution</li> </ul>	1 920 x 1 080
<ul> <li>Horizontal image resolution</li> </ul>	1 920 pixel
<ul> <li>Vertical image resolution</li> </ul>	1 080 pixel
<ul> <li>Pixel size, horizontal</li> </ul>	0.248 mm
Pixel size, vertical	0.248 mm
General features	
<ul> <li>Brightness/contrast</li> </ul>	250 cd/m² / 1 000:1
<ul> <li>non-reflective and tempered mineral glass screen</li> </ul>	Yes
<ul> <li>Detachable from computer unit</li> </ul>	100 m; HDBaseT V2.0
Luminance	250 cd/m²
Backlighting	
<ul> <li>Type of backlighting</li> </ul>	LED
<ul> <li>MTBF backlighting (at 25 °C)</li> </ul>	30 000 h; At 25°C
<ul> <li>Backlight dimmable</li> </ul>	Yes; 0-100 %
Control elements	
Control elements	multi-touch screen
Input device	
<ul> <li>Integrated mouse cursor control</li> </ul>	Yes; Also externally via USB
Keyboard fonts	
Function keys	No
— Number of function keys	0
Touch operation	
<ul> <li>Design as multi-touch screen</li> </ul>	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°
Supply voltage	
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
Input current	
Current consumption (rated value)	1 A
Current consumption, max.	1.3 A
Starting current inrush I²t	0.5 A <sup>2</sup> ·s
Power loss	
Power loss, typ.	24 W
Power loss, max.	31 W
Interfaces	
Number of USB interfaces	2; USB 2.0 type A
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
Video interfaces	
analog video signal (VGA)	No
DisplayPort	Yes; Display port V1.2
Touch interfaces	100, 5105144 FOR V 112
• USB	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
Enclosure Type 4 at the front	Yes
Enclosure Type 4x at the front	Yes
Standards, approvals, certificates	
Certificate of suitability	hazardous zone 2/22; shipbuilding
CE mark	Yes
UL approval	Yes
cULus	Yes; Corresponds to UL 508
FM approval	Available soon
RCM (formerly C-TICK)	Yes
EAC (formerly Gost-R)	Yes
EMC	CE, EN 55011, EN 61000-6-4, EN 61000-6-2
Use in hazardous areas	
ATEX Zone 2	Available soon
ATEX Zone 22	Available soon
• IECEx Zone 2	Available soon
IECEx Zone 22	Available soon
<ul> <li>cULus Class I Zone 2, Division 2</li> </ul>	Available soon
<ul> <li>FM Class I Division 2</li> </ul>	Available soon
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C
Ambient temperature during storage/transportation	

max. 60 °C  Altitude during operation relating to sea level	• min.	-20 °C
Installation altitude above sea level, max.  Relative humidity Operation, max. 95 %; no condensation  Vibrations  Vibration load in operation Vibration load during transport/storage 1 gn Shock testing Shock load during operation Shock acceleration during storage/transport 15 gn Shock acceleration during storage/transport 15 gn Mochanics/material  Enclosure material (front) Aluminum Yes Aluminum Yes Glass Yes; at front Enclosure material (rear)  Dimensions  Width 1527 mm Height 329 mm; Without basic adapter  Width of the housing front Height of housing front Survey Weights Weight (without packaging)  8.2 kg	• max.	60 °C
Relative humidity  Operation, max.  Operation, max.  Vibrations  Vibration load in operation Vibration load during transport/storage  1 gn  Shock testing  Shock load during operation Shock acceleration during storage/transport  Is gn  Mechanics/material  Enclosure material (front) Aluminum Yes Aluminum Yes Aluminum Yes; at front Slass Yes; at front Enclosure material (rear)  Dimensions  Width S27 mm Height Depth 162.8 mm; Without basic adapter  Width of the housing front  Height S29 mm  Weights  Weight (without packaging)  8.2 kg	Altitude during operation relating to sea level	
Operation, max.  Operation, max.  Vibration load in operation  Vibration load in operation  Vibration load during transport/storage  1 gn  Shock testing  Shock load during operation  Shock acceleration during storage/transport  Is gn  Mechanics/material  Enclosure material (front)  Aluminum  Yes  Aluminum casting  Class  Finctosure material (rear)  Dimensions  Width  S27 mm  Height  Depth  162.8 mm; Without basic adapter  Width of the housing front  Height of housing front  Height of housing front  Height of housing front  Weights  Weight (without packaging)  8.2 kg	<ul> <li>Installation altitude above sea level, max.</li> </ul>	3 500 m
Vibration load in operation 1 gn  Vibration load during transport/storage 1 gn  Shock testing  Shock load during operation 15 gn  Shock load during operation 15 gn  Shock load during storage/transport 15 gn  Mechanics/material  Enclosure material (front) In standard design  Aluminum Yes  Aluminum Aluminum casting Yes; at front  Enclosure material (rear) aluminum  Dimensions  Width 527 mm  Height 329 mm; Without basic adapter  Depth 162.8 mm; Without basic adapter  Width of the housing front 527 mm  Height of housing front 329 mm  Weights  Weight (without packaging) 8.2 kg	Relative humidity	
Vibration load in operation Vibration load during transport/storage  Shock testing  Shock load during operation Shock acceleration during storage/transport  Is gn Shock acceleration during storage/transport  Mechanics/material  Enclosure material (front) Aluminum Yes Aluminum Yes Glass Yes; at front  Enclosure material (rear)  In standard design Yes Yes Yes; at front  Enclosure material (rear)  Dimensions  Width S27 mm Height 162.8 mm; Without basic adapter  Width of the housing front  Weights  Weight (without packaging)  8.2 kg	Operation, max.	95 %; no condensation
Vibration load during transport/storage     Shock testing     Shock load during operation     shock acceleration during storage/transport      Mechanics/material  Enclosure material (front)     In standard design     Yes     Aluminum     Yes     Aluminum casting     Glass     Yes; at front Enclosure material (rear)  Dimensions  Width     S27 mm Height Depth     162.8 mm; Without basic adapter  Width of the housing front  Height of housing front  Weights  Weight (without packaging)  8.2 kg	Vibrations	
Shock testing  Shock load during operation Shock acceleration during storage/transport  15 gn  Mechanics/material  Enclosure material (front) Aluminum Sides (Front) Aluminum (F	<ul> <li>Vibration load in operation</li> </ul>	1 gn
<ul> <li>Shock load during operation</li> <li>shock acceleration during storage/transport</li> <li>15 gn</li> <li>Mechanics/material</li> <li>Enclosure material (front)</li> <li>Aluminum</li> <li>Aluminum casting</li> <li>Glass</li> <li>Finclosure material (rear)</li> <li>Width</li> <li>527 mm</li> <li>Height</li> <li>Depth</li> <li>Width of the housing front</li> <li>Height of housing front</li> <li>Height of housing front</li> <li>Weights</li> <li>Weight (without packaging)</li> <li>8.2 kg</li> </ul>	Vibration load during transport/storage	1 gn
shock acceleration during storage/transport  Mechanics/material  Enclosure material (front)	Shock testing	
Mechanics/material   Enclosure material (front) In standard design   ● Aluminum Yes   ● Aluminum casting Yes   ● Glass Yes; at front   Enclosure material (rear) aluminum   Dimensions   Width 527 mm   Height 329 mm; Without basic adapter   Depth 162.8 mm; Without basic adapter   Width of the housing front 527 mm   Height of housing front 329 mm   Weights Weight (without packaging)   8.2 kg	<ul> <li>Shock load during operation</li> </ul>	15 gn
Enclosure material (front)  • Aluminum  • Aluminum casting  • Glass  Finclosure material (rear)  Dimensions  Width  Height  Depth  162.8 mm; Without basic adapter  Width of the housing front  Height of housing front  Height of housing front  Weights  Weight (without packaging)  8.2 kg	<ul> <li>shock acceleration during storage/transport</li> </ul>	15 gn
<ul> <li>◆ Aluminum</li> <li>◆ Aluminum casting</li> <li>◆ Glass</li> <li>Fenclosure material (rear)</li> <li>Dimensions</li> <li>Width</li> <li>Height</li> <li>Depth</li> <li>Udth of the housing front</li> <li>Height of housing front</li> <li>Heights</li> <li>Width</li> <li>527 mm</li> <li>Height of housing front</li> <li>Height of housing front</li> <li>Weights</li> <li>Weights</li> <li>Weight (without packaging)</li> <li>8.2 kg</li> </ul>	Mechanics/material	
	Enclosure material (front)	In standard design
● Glass  Enclosure material (rear)  Dimensions  Width  Height  Depth  162.8 mm; Without basic adapter  Width of the housing front  Height of housing front  Weights  Weight (without packaging)  8.2 kg	Aluminum	Yes
Enclosure material (rear)  Dimensions  Width 527 mm  Height 329 mm; Without basic adapter  Depth 162.8 mm; Without basic adapter  Width of the housing front 527 mm  Height of housing front 329 mm  Weights  Weight (without packaging) 8.2 kg	<ul> <li>Aluminum casting</li> </ul>	Yes
DimensionsWidth527 mmHeight329 mm; Without basic adapterDepth162.8 mm; Without basic adapterWidth of the housing front527 mmHeight of housing front329 mmWeightsWeight (without packaging)8.2 kg	Glass	Yes; at front
Width 527 mm  Height 329 mm; Without basic adapter  Depth 162.8 mm; Without basic adapter  Width of the housing front 527 mm  Height of housing front 329 mm  Weights  Weight (without packaging) 8.2 kg	Enclosure material (rear)	aluminum
Height 329 mm; Without basic adapter  Depth 162.8 mm; Without basic adapter  Width of the housing front 527 mm  Height of housing front 329 mm  Weights  Weight (without packaging) 8.2 kg	Dimensions	
Depth 162.8 mm; Without basic adapter Width of the housing front 527 mm Height of housing front 329 mm  Weights Weight (without packaging) 8.2 kg	Width	527 mm
Width of the housing front 527 mm Height of housing front 329 mm  Weights Weight (without packaging) 8.2 kg	Height	329 mm; Without basic adapter
Height of housing front 329 mm  Weights  Weight (without packaging) 8.2 kg	Depth	162.8 mm; Without basic adapter
Weights Weight (without packaging)  8.2 kg	Width of the housing front	527 mm
Weight (without packaging) 8.2 kg	Height of housing front	329 mm
	Weights	
Weight (with packaging) 9.1 kg	Weight (without packaging)	8.2 kg
Troight (mail pashaging)	Weight (with packaging)	9.1 kg

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