SIEMENS

Data sheet

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



Figure similar

Product type designation IFP2200 PRO	General information	
Display Design of display Design of display Design of display Screen diagonal Screen diagonal [cm] St. 6 cm Display width 476.1 mm Display height 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 Indicate the properties of the prop	Product type designation	IFP2200 PRO
Design of display Screen diagonal 21.5 in; 22* Screen diagonal (pm) 54.6 cm Display width 476.1 mm Display height On Screen Display (OSD) configuration Number of colors Viewing angle 178° x 178° Resolution (pixels) I mage resolution Vertical image resolution Pixel size, horizontal On 248 mm Pixel size, horizontal On 248 mm Pixel size, vertical On 248 mm Display height On 300 pixel Pixel size, vertical On 300 pixel Pixel size, vertical Ceneral features Brightness/contrast On on-reflective and tempered mineral glass screen Detachable from computer unit Uminance Backlighting Type of backlighting (at 25 °C) Backlight dimmable Touch operation Design as touch screen Yes Posign as a touch screen Yes Postelat mounting Pedestal mounting	Short designation	Flat Panel 22" PRO multi-touch ext.
Screen diagonal [cm] 54.6 cm 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 1920 pixel Vertical image resolution 1920 pixel Vertical image resolution 1920 pixel Pixel size, horizontal 0.248 mm Pixel size, vertical 0.248 mm General features Brightness/contrast 250 cd/m² / 1 000:1 Page of backlighting 100 m; HDBaseT protocol Luminance 250 cd/m² Backlighting 100 m; HDBaseT protocol Scott of backlighting (at 25 °C) 30 000 h; At 25°C Backlighting (at 25 °C) 30 000 h; At 25°C Backlighting (at 25 °C) 30 000 h; At 25°C Backlighting (at 25 °C) 400 % Control olements 50 multi-touch screen 10 pesign as touch screen 24 yes; Projective-capacitive 40 yes; Projective-capacitive 40 yes; Projective-capacitive 40 yes multi-touch screen 40 pesign as force 40 pesign as force 40 pesign as force 40 pesign as force 40 pesign a	Display	
Screen diagonal [cm] Display width Display height On Screen Display (OSD) configuration Nor, Adjustable by means of software Number of colors 16 777 216; 24 bit Viewing angle 178" x 178" Resolution (pixels) Image resolution Horizontal image resolution Vertical image resolution Vertical image resolution Vertical image resolution Pixel size, horizontal Pixel size, vertical Ceneral features Brightness/contrast On-reflective and tempered mineral glass screen Detachable from computer unit Luminance Backlighting Type of backlighting Type of backlighting (at 25 "C) Backlight dimmable Control elements Control elements Input device Inlegrated mouse cursor control Pesign as multi-touch screen Yes Design as nulti-touch screen Monitor keyboard Monitor keyboard Pedestal mounting Pedestal mounting	Design of display	TFT widescreen display, LED backlighting
Display width 476.1 mm Display height 287.8 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 1920 pixel • Horizontal image resolution 1920 pixel • Vertical image resolution 1920 pixel • Vertical image resolution 1080 pixel • Pixel size, horizontal 0.248 mm • Pixel size, tortical 0.248 mm • Pixel size, vertical 0.248 mm Semeral features • Brightness/contrast 250 cd/m² / 1 000:1 • non-reflective and tempered mineral glass screen 100 m; HDBaseT protocol • Luminance 250 cd/m² Backlighting • Type of backlighting LED • MTBF backlighting (at 25 °C) 30 000 h; At 25°C • Backlight dimmable Yes; 0-100 % Control elements multi-touch screen 1 yes; Also externally via USB Touch operation • Design as touch screen Yes; Projective-capacitive Yes; Projective-capacitive Monitor keyboard Pedestal mounting	Screen diagonal	21.5 in; 22"
Display height 267.8 mm On Screen Display (OSD) configuration No; Adjustable by means of software Number of colors 16777 216; 24 bit Viewing angle 178° x 178° Resolution (pixels) Image resolution 1920 x 1080 Horizontal image resolution 1920 pixel Vertical image resolution 100 pixel Pixel size, horizontal 0.248 mm Pixel size, vertical 0.250 cd/m² / 1000:1 Image resolution 100 m; HDBaseT protocol 100 m; HDBaseT prot	Screen diagonal [cm]	54.6 cm
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) I mage resolution Horizontal image resolution Vertical image resolution Pixel size, horizontal Pixel size, vertical Pixel size, vertical O.248 mm O.248 mm O.248 mm Pixel size, vertical O.248 mm Pixel size, vertical O.248 mm Detachable from computer unit On m; HDBaseT protocol Luminance Detachable from computer unit Uno m; HDBaseT protocol Luminance Detachable from computer unit Uno m; HDBaseT protocol Luminance Design as fouch screen Pixel size on the fixed must be screen On the dements Control elements Design as touch screen Pess anulti-touch screen Pess projective-capacitive Pess Installation type/mounting Design Pedestal mounting	Display width	476.1 mm
Number of colors Viewing angle Resolution (pixels) Ingae resolution Horizontal image resolution Pixel size, horizontal Pixel size, vertical Pixel size	Display height	267.8 mm
Viewing angle 178° x 178°	On Screen Display (OSD) configuration	No; Adjustable by means of software
Resolution (pixels) Image resolution 1 920 x 1 080 Horizontal image resolution 1 920 pixel Vertical image resolution 1 0 80 pixel Pixel size, horizontal 0.248 mm Pixel size, vertical 0.248 mm General features Brightness/contrast 250 cd/m² / 1 000:1 Indicate the protective and tempered mineral glass screen Detachable from computer unit 100 m; HDBaseT protocol 250 cd/m² Euminance 250 cd/m² Backlighting Type of backlighting (at 25 °C) 30 000 h; At 25 °C Backlight dimmable Yes; 0-100 % Control elements Control elements Input device Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as multi-touch screen Yes; Projective-capacitive Yes Installation type/mounting Design Pedestal mounting	Number of colors	16 777 216; 24 bit
Image resolution Horizontal image resolution Vertical image resolution Pixel size, horizontal Pixel size, vertical Pixel size, vertical Pixel size, vertical Pixel size, vertical O.248 mm O.248 mm Pixel size, vertical O.248 mm General features Brightness/contrast Pes Detachable from computer unit Uno m; HDBaseT protocol Luminance Detachable from computer unit Luminance Detachable from computer unit Fixed backlighting Type of backlighting Fixed backlighting Fixed backlighting (at 25 °C) Backlight dimmable Fixed backlight dimmable Control elements Input device Integrated mouse cursor control Pesign as touch screen Mesign as touch screen Mesign as touch screen Mesign as touch screen Mesign as multi-touch screen Mesign as must as mesign as mes	Viewing angle	178° x 178°
Horizontal image resolution Vertical image resolution Pixel size, horizontal Pixel size, evertical General features Brightness/contrast non-reflective and tempered mineral glass screen Detachable from computer unit Luminance Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Control elements Control elements Input device Integrated mouse cursor control Design as multi-touch screen Monitor keyboard Ves Ves Ves Ves Ves Also externally via USB Installation type/mounting Pedestal mounting Pedestal mounting Pedestal mounting Design Pedestal mounting	Resolution (pixels)	
Vertical image resolution Pixel size, horizontal Pixel size, vertical Pixel size, vertical O.248 mm Ceneral features Brightness/contrast Potachable from computer unit Luminance Eacklighting Type of backlighting Type of backlighting (at 25 °C) Backlight dimmable Control elements Control elements Input device Integrated mouse cursor control Design as multi-touch screen Pedestal mounting Ves Installation type/mounting Design Design Design O.248 mm O.250 cd/m² / 1 000:1 O.260 mm	 Image resolution 	1 920 x 1 080
Pixel size, horizontal Pixel size, vertical O.248 mm General features Brightness/contrast Potachable from computer unit Luminance Eacklighting Type of backlighting (at 25 °C) Backlight dimmable Control elements Input device Input device Design as multi-touch screen Pixel size, vertical O.248 mm O.250 cd/m² / 1 000:1 Ves O.00 m; HDBaseT protocol Design on, HDBaseT protocol O.250 cd/m² O.250 cd	 Horizontal image resolution 	1 920 pixel
Pixel size, vertical General features Brightness/contrast non-reflective and tempered mineral glass screen Detachable from computer unit Luminance Backlighting Type of backlighting (at 25 °C) Backlight dimmable Control elements Control elements Input device Integrated mouse cursor control Design as multi-touch screen Design as multi-touch screen Pedestal mounting Pedestal mounting Pedestal mounting Pedestal mounting Pedestal mounting Pedestal mounting	 Vertical image resolution 	1 080 pixel
General features Brightness/contrast non-reflective and tempered mineral glass screen Detachable from computer unit Luminance Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Control elements Control elements Input device Integrated mouse cursor control Design as multi-touch screen Design as multi-touch screen Monitor keyboard Pedestal mounting Pedestal mounting Pedestal mounting	 Pixel size, horizontal 	0.248 mm
Brightness/contrast non-reflective and tempered mineral glass screen Detachable from computer unit Luminance Eacklighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Control elements Control elements Input device Integrated mouse cursor control Design as multi-touch screen Pedestal mounting Pedestal mounting Pedestal mounting Pedestal mounting Pedestal mounting	Pixel size, vertical	0.248 mm
non-reflective and tempered mineral glass screen Detachable from computer unit Luminance Luminance Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Control elements Input device Integrated mouse cursor control Pesign as touch screen Design as multi-touch screen Poesign as multi-touch screen Monitor keyboard Installation type/mounting Pedestal mounting Yes Pood Mr 100 m; HDBaseT protocol 100 m; HDBaseT protocol 100 m; HDBaseT proto	General features	
Detachable from computer unit Luminance Luminance Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Control elements Input device Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as touch screen Yes Monitor keyboard Medical protocol Yes Installation type/mounting Pedestal mounting Pedestal mounting	 Brightness/contrast 	250 cd/m² / 1 000:1
Luminance Backlighting	 non-reflective and tempered mineral glass screen 	Yes
Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Control elements Input device Input device Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as touch screen Pesign as multi-touch screen Yes Monitor keyboard Pedestal mounting	 Detachable from computer unit 	100 m; HDBaseT protocol
 Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Input device Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as touch screen Pes; Projective-capacitive Monitor keyboard Pedestal mounting Pedestal mounting Pedestal mounting	Luminance	250 cd/m²
MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Control elements Input device Input device Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as touch screen Design as multi-touch screen Monitor keyboard Installation type/mounting Pedestal mounting Pedestal mounting	Backlighting	
Backlight dimmable Yes; 0-100 % Control elements Control elements Input device Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as touch screen Pesign as multi-touch screen Monitor keyboard Installation type/mounting Pedestal mounting Pedestal mounting	 Type of backlighting 	LED
Control elements Control elements Input device Integrated mouse cursor control Touch operation Design as touch screen Design as multi-touch screen Monitor keyboard Installation type/mounting Pedestal mounting	 MTBF backlighting (at 25 °C) 	30 000 h; At 25°C
Control elements Input device Integrated mouse cursor control Touch operation Design as touch screen Design as multi-touch screen Monitor keyboard Installation type/mounting Pedestal mounting Multi-touch screen Yes; Also externally via USB Yes Yes Yes Yes Pedestal mounting	 Backlight dimmable 	Yes; 0-100 %
Input device Integrated mouse cursor control Touch operation Design as touch screen Design as multi-touch screen Monitor keyboard Installation type/mounting Pedestal mounting	Control elements	
 Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as touch screen Design as multi-touch screen Monitor keyboard Installation type/mounting Design Pedestal mounting 	Control elements	multi-touch screen
Touch operation	Input device	
 Design as touch screen Design as multi-touch screen Monitor keyboard Installation type/mounting Design Pedestal mounting 	Integrated mouse cursor control	Yes; Also externally via USB
 Design as multi-touch screen Monitor keyboard Installation type/mounting Design Pedestal mounting 	Touch operation	
 Monitor keyboard Installation type/mounting Design Pedestal mounting 	 Design as touch screen 	Yes
Installation type/mounting Design Pedestal mounting	 Design as multi-touch screen 	Yes; Projective-capacitive
Design Pedestal mounting	 Monitor keyboard 	Yes
	Installation type/mounting	
Front mounting No	Design	Pedestal mounting
	Front mounting	No

Support arm mounting	No
Stand mounting	Yes
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)	1A
Current consumption, max.	1.3 A
Starting current inrush I²t	0.5 A²-s
Power loss	0.071 0
Power loss, typ.	24 W
Power loss, typ. Power loss, max.	31 W
	31 VV
Interfaces Number of USP interfaces	2: LISP 2.0 type A
Number of USB interfaces	2; USB 2.0 type A
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
Video interfaces ● DisplayPort	Yes; Display port V1.2
Touch interfaces	Tes, Display port V1.2
• USB	Yes
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Degree and class of protection	IDCE
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	Voc
Enclosure Type 4 at the frontEnclosure Type 4x at the front	Yes Yes
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Standards, approvals, certificates	hazardaya zana 2/22 ahinhyildina
Certificate of suitability CE mark	hazardous zone 2/22; shipbuilding
	Yes
UL approval	Yes: Corresponds to III 509
	Yes; Corresponds to UL 508 Available soon
FM approval 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	CE, EN 03011, EN 01000-0-4, EN 01000-0-2
ATEX Zone 2	Available soon
• ATEX Zone 22	Available soon
• IECEx Zone 2	Available soon
• IECEX Zone 22	Available soon
• cULus Class I Zone 2, Division 2	Available soon
FM Class I Division 2	Available soon
Ambient conditions	
Ambient temperature during operation	
min.	0 °C
• max.	45 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Altitude during operation relating to sea level	
Installation altitude above sea level, max.	3 500 m
Relative humidity	
Operation, max.	95 %; no condensation
Vibrations	

 Vibration load in operation 	1 gn
 Vibration load during transport/storage 	1 gn
Shock testing	
 Shock load during operation 	15 gn
 shock acceleration during storage/transport 	15 gn
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	93.7 mm; Without basic adapter
Width of the housing front	527 mm
Height of housing front	329 mm
Weights	
Weight (without packaging)	7.0 km
	7.6 kg

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