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Data sheet

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



Product type designation IFP2200 PRO	General information	
Display Design of display Design of display Screen diagonal Screen diagonal Screen diagonal Display width 475.2 mm Display height On Screen Display (OSD) configuration Not Adjustable by means of software Number of colors 16 777 216; 24 bit Viewing angle 170" x 160" Resolution (pixels) • Horizontal image resolution • Vertical image resolution • Pixel size, horizontal • Pixel size, vertical • On Screen Flective and tempered mineral glass screen • Detachable from computer unit • Luminance Backlighting • Type of backlighting • Type	Product type designation	IFP2200 PRO
Design of display Screen diagonal Screen diagonal Composition Screen diagonal (cm) Display width Display width Display height On Screen Display (OSD) configuration Number of colors Nor, Adjustable by means of software Number of colors	Short designation	Flat Panel 22" PRO ETH multi-touch ext.
Screen diagonal Cm 56 cm	Display	
Screen diagonal Cm 56 cm	Design of display	TFT widescreen display, LED backlighting
Screen diagonal [cm] 56 cm		
Display height 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) • Horizontal image resolution • Vertical image resolution • Pixel size, horizontal • Pixel size, vertical 0.3 mm • Pixel size, vertical 0.3 mm 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 Input device • Integrated mouse cursor control • Design as touch screen • Monitor keyboard Presson Pedestal mounting Pedestal mounting No Support arm mounting No Stand mounting Ves: Amounting Ves: Amounting Ves: Amounting No		56 cm
On Screen Display (OSD) configuration Number of colors 16 777 216; 24 bit Viewing angle 170° x 160° Resolution (pixels) Horizontal image resolution 1920 pixel Viewing angle 0.3 mm Vertical image resolution 1080 pixel Pixel size, horizontal 0.3 mm Pixel size, vertical 0.3 mm General features Brightness/contrast 0.300 cd/m² / 1 000:1 non-reflective and tempered mineral glass screen Detachable from computer unit 100 m; Ethernet 100 m; Et	Display width	475.2 mm
Number of colors Viewing angle Resolution (pixels) Horizontal image resolution Vertical image resolution Viewing angle Horizontal image resolution Vertical image resoluti	Display height	267.3 mm
Viewing angle 170° x 160° Resolution (pixels) • Horizontal image resolution 1920 pixel 1080 pixel	On Screen Display (OSD) configuration	No; Adjustable by means of software
Resolution (pixels) • Horizontal image resolution • Vertical image resolution • Pixel size, horizontal • Pixel size, vertical • Brightness/contrast • Detachable from computer unit • Luminance Backlighting • Type of backlighting • Type of backlighting (at 25 °C) • Backlight dimmable Control elements Input device • Integrated mouse cursor control • Design as touch screen • Monitor keyboard • Mosel Stand mounting Pedestal mounting Pedestal mounting Pess No Stand mounting Yes 1 920 pixel 1 920 pixe	Number of colors	16 777 216; 24 bit
Horizontal image resolution Vertical image resolution Pixel size, horizontal Pixel size, vertical General features Brightness/contrast Oneral features Brightness/contrast Oneral features Brightness/contrast Oneral features Brightness/contrast Oneral features Oneral	Viewing angle	170° x 160°
Vertical image resolution Pixel size, horizontal Pixel size, vertical O.3 mm Pixel size, vertical O.3 mm General features Brightness/contrast non-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 Input device Integrated mouse cursor control Pesign as touch screen Monitor keyboard Pedestal mounting Design Pedestal mounting Pedestal mounting No Stand mounting Yes Ves No No Stand mounting Yes Van No No Stand mounting No Van No No Stand mounting No Van No No No No No No No No No N	Resolution (pixels)	
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Pixel size, vertical General features Brightness/contrast Onn-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 Input device Integrated mouse cursor control Design as touch screen Monitor keyboard Pedestal mounting Pedestal mounting No Stand mounting Ves Ves Ves Ves Ves Ves Ves Ve	 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 (at 25 °C) • Backlight dimmable Control elements Input device • Integrated mouse cursor control • Design as touch screen • Monitor keyboard Installation type/mounting Design Front mounting Stand mounting Ves Ves Ves Ves Ves Ves Ves Ves	 Pixel size, horizontal 	0.3 mm
Brightness/contrast non-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 Input device Integrated mouse cursor control Design as touch screen Monitor keyboard Yes Pedestal mounting Pedestal mounting No Stand mounting Ves Ves Ves Ves Ves Ves Ves Ve	Pixel size, vertical	0.3 mm
non-reflective and tempered mineral glass screen Detachable from computer unit Luminance 300 cd/m² Backlighting Type of backlighting NTBF 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 Monitor keyboard Monitor keyboard Design Pedestal mounting Design Pedestal mounting Front mounting No Stand mounting Yes VESA mounting No Ves Ves VesA mounting No No No No No No No No No No No No No	General features	
Detachable from computer unit Luminance Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Control elements Input device Integrated mouse cursor control Design as touch screen Monitor keyboard Monitor keyboard Installation type/mounting Design Support arm mounting Stand mounting Ves VESA mounting No VESA mounting No VESA mounting No No No No No Design Metallation types No	 Brightness/contrast 	300 cd/m ² / 1 000:1
Luminance Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Control elements Input device Integrated mouse cursor control Design as touch screen Monitor keyboard Monitor keyboard Pedestal mounting Support arm mounting Stand mounting Ves (Also externally via USB) Pedestal mounting No Stand mounting Yes Ves No No	 non-reflective and tempered mineral glass screen 	Yes
Backlighting Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Input device Integrated mouse cursor control Pesign as touch screen Monitor keyboard Pedestal mounting Pedestal mounting Front mounting Support arm mounting Stand mounting VES Also externally via USB Pedestal mounting No Stand mounting No No	 Detachable from computer unit 	100 m; Ethernet
 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 Monitor keyboard Monitor keyboard Pedestal mounting Design Pedestal mounting No Support arm mounting No Stand mounting Yes VESA mounting No 	Luminance	300 cd/m²
MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Input device Integrated mouse cursor control Design as touch screen Monitor keyboard Yes Installation type/mounting Design Pedestal mounting Support arm mounting No Stand mounting Yes VESA mounting No 50 000 h; At 25 °C Yes; 0-100 % Yes; 0-100 % Yes; Also externally via USB Yes; Projective-capacitive Yes Pedestal mounting No No Stand mounting No	Backlighting	
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Input device Input device Integrated mouse cursor control Yes; Also externally via USB Touch operation Design as touch screen Monitor keyboard Installation type/mounting Design Pedestal mounting Front mounting No Support arm mounting Stand mounting Yes No No No No No No No No No N		50 000 h; At 25°C
Input device Integrated mouse cursor control Integrated mouse cursor control Pesign as touch screen Monitor keyboard Installation type/mounting Design Pedestal mounting Front mounting Support arm mounting Stand mounting Yes; Projective-capacitive Yes Pedestal mounting No Support arm mounting No Stand mounting Yes VESA mounting No	Backlight dimmable	Yes; 0-100 %
 Integrated mouse cursor control Touch operation Design as touch screen Monitor keyboard Mosign Pedestal mounting Front mounting Support arm mounting Stand mounting Ves; Projective-capacitive Yes Pedestal mounting No Support arm mounting Yes VESA mounting No 	Control elements	
Touch operation Design as touch screen Monitor keyboard Installation type/mounting Design Pedestal mounting Front mounting No Support arm mounting Stand mounting Yes VESA mounting No No	Input device	
 Design as touch screen Monitor keyboard Yes Installation type/mounting Design Pedestal mounting Front mounting Support arm mounting No Support arm mounting Yes VESA mounting No Ves VESA mounting No 	Integrated mouse cursor control	Yes; Also externally via USB
● Monitor keyboard Installation type/mounting Design Pedestal mounting Front mounting No Support arm mounting No Stand mounting Yes VESA mounting No	Touch operation	
Installation type/mounting Design Pedestal mounting Front mounting No Support arm mounting No Stand mounting Yes VESA mounting No	 Design as touch screen 	Yes; Projective-capacitive
Design Pedestal mounting Front mounting No Support arm mounting No Stand mounting Yes VESA mounting No	Monitor keyboard	Yes
Front mounting Support arm mounting No Stand mounting Yes VESA mounting No	Installation type/mounting	
Support arm mounting No Stand mounting Yes VESA mounting No	Design	Pedestal mounting
Stand mounting Yes VESA mounting No	Front mounting	No
VESA mounting No	Support arm mounting	No
VESA mounting No	Stand mounting	Yes
Built-in unit No; IP65 fully enclosed		No
	Built-in unit	No; IP65 fully enclosed

	450
maximum permitted forward tilt angle from vertical	45°
maximum permitted backward tilt angle from vertical	45°
Supply voltage	200
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
Power loss	
Power loss, typ.	40 W
Power loss, max.	65 W
Interfaces	
Number of industrial Ethernet interfaces	1; Ethernet, 1 port, RJ45
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
Video interfaces	
• DVI-D	No
DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	V.
• 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	
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
Use in hazardous areas	
ATEX Zone 2	No
ATEX Zone 22	No
FM Class I Division 2	No
Marine approval	
Germanischer Lloyd (GL)	No
American Bureau of Shipping (ABS)	No
Bureau Veritas (BV)	No
 Det Norske Veritas (DNV) 	No
 Lloyds Register of Shipping (LRS) 	No
 Nippon Kaiji Kyokai (Class NK) 	No
 Polski Rejestr Statkow (PRS) 	No
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C; Vertical installation (horizontal)
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	0° C
Relative humidity	
Operation, max.	95 %; no condensation
Vibrations	
Vibration load in operation	10 m/s²
Vibration load during transport/storage	10 m/s²
Shock testing	
Shock load during operation	150 m/s²
shock acceleration during storage/transport	150 m/s²
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Mechanics/material	
Enclosure material (front)	
• Glass	Yes; at front
Dimensions	
Width	527 mm
Height	329 mm; Without basic adapter
Depth	94 mm; Without basic adapter
Weights	
Weight (without packaging)	6.7 kg
Weight (with packaging)	10 kg

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