## **Data sheet**

6AV7466-8MA01-0AA0

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



General information		
Product type designation	IFP2200 PRO	
Short designation	Flat Panel 22" PRO ETH multi-touch ext.	
Display		
Design of display	TFT widescreen display, LED backlighting	
Screen diagonal	22 in	
Screen diagonal [cm]	56 cm	
Display width	475.2 mm	
Display height	267.3 mm	
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)		
<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>	0.3 mm	
<ul> <li>Pixel size, vertical</li> </ul>	0.3 mm	
General features		
<ul> <li>Brightness/contrast</li> </ul>	300 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; Ethernet	
Luminance	300 cd/m <sup>2</sup>	
Backlighting		
<ul> <li>Type of backlighting</li> </ul>	LED	
<ul> <li>MTBF backlighting (at 25 °C)</li> </ul>	50 000 h; At 25°C	
<ul> <li>Backlight dimmable</li> </ul>	Yes; 0-100 %	
Control elements		
Input device		
<ul> <li>Integrated mouse cursor control</li> </ul>	Yes; Also externally via USB	
Touch operation		
<ul> <li>Design as touch screen</li> </ul>	Yes; Projective-capacitive	
<ul> <li>Monitor keyboard</li> </ul>	Yes	
Installation type/mounting		
Design	Pedestal mounting	
Front mounting	No	
Support arm mounting	No	
Stand mounting	Yes	
VESA mounting	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	
• USB	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
<ul> <li>Enclosure Type 4 at the front</li> </ul>	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
<ul> <li>Det Norske Veritas (DNV)</li> </ul>	No
<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	No
<ul> <li>Nippon Kaiji Kyokai (Class NK)</li> </ul>	No
<ul> <li>Polski Rejestr Statkow (PRS)</li> </ul>	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
<u> </u>	

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	

last modified: 11/2/2021 🖸