

SIMATIC IFP2200 Flat Panel 22" display (16: 9), Multitouch,
Extended version up to 30 m, 1920x 1080 pixels, for 24 V DC and
100-240 V AC, display port/DVI interface incl. DVI/USB cable 1.8 m



Figure similar

General information	
Product type designation	IFP2200
Short designation	Flat Panel 22" multi-touch ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in
Screen diagonal [cm]	56 cm
Display width	476 mm
Display height	268 mm
Viewing angle	170° x 170°
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Resolution (pixels)	
• Horizontal image resolution	1 920 Pixel
• Vertical image resolution	1 080 Pixel
• Pixel size, horizontal	0.2475 mm
• Pixel size, vertical	0.2475 mm

General features	
• Detachable from computer unit	30 m
• Brightness/contrast	250 cd/m ² / 1 000:1
• non-reflective and tempered mineral glass screen	Yes
• Luminance	250 cd/m ²
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %
Control elements	
Keyboard fonts	
• Function keys	No
Touch operation	
• Design as touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
Installation type/mounting	
Built-in unit	Yes; Portrait mode possible
maximum permitted forward tilt angle from vertical	35°
maximum permitted backward tilt angle from vertical	35°
Supply voltage	
Type of supply voltage	AC/DC
Rated value (DC)	24 V; PELV
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Rated value (AC)	100 V; Up to 240V, 50/60 Hz
permissible range, lower limit (AC)	90 V
permissible range, upper limit (AC)	264 V
Power loss	
Power loss, typ.	40 W
Power loss, max.	65 W
Interfaces	
USB on the rear	2
Connection for keyboard/mouse	USB
Video interfaces	
• DVI-D	Yes
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• USB	Yes
Degree and class of protection	

IP65 at front	Yes
Enclosure Type 4 at the front	Yes
Enclosure Type 4x at the front	Yes
Enclosure Type 12 at the front	Yes
NEMA4 at the front	No
NEMA4X at the front	No
IP20 rear	Yes

Standards, approvals, certificates

CE mark	Yes
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes

Use in hazardous areas

- | | |
|-------------------------|---------------------|
| • ATEX Zone 2 | Yes; Available soon |
| • ATEX Zone 22 | Yes; Available soon |
| • FM Class I Division 2 | No |

Marine approval

- | | |
|-------------------------------------|---------------------|
| • Germanischer Lloyd (GL) | Yes; Available soon |
| • American Bureau of Shipping (ABS) | Yes; Available soon |
| • Bureau Veritas (BV) | Yes; Available soon |
| • Det Norske Veritas (DNV) | Yes; Available soon |
| • Lloyds Register of Shipping (LRS) | Yes; Available soon |
| • Nippon Kaiji Kyokai (Class NK) | Yes; Available soon |

Ambient conditions

Ambient temperature during operation

- | | |
|--------|---|
| • min. | 0 °C |
| • max. | 45 °C; Vertical installation (horizontal) |

Ambient temperature during storage/transportation

- | | |
|--------|--------|
| • min. | -20 °C |
| • max. | 60 °C |

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 load during transport/storage | 15 gn |

Mechanics/material

Enclosure material (front)

- | | |
|---------|-----|
| • Glass | Yes |
|---------|-----|

Dimensions	
Width of the housing front	560 mm
Height of housing front	380 mm
Mounting cutout, width	542 mm; Tolerance: +1 mm
Mounting cutout, height	362 mm; Tolerance: +1 mm
Overall depth	62.5 mm

Weights	
Weight without packaging	6.5 kg
Weight incl. packaging	7.6 kg

last modified: 08/15/2019 