# SIEMENS

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) | |
| ● Horizontal image resolution | 1 920 pixel |
| ● Vertical image resolution | 1 080 pixel |
| ● Pixel size, horizontal | 0.3 mm |
| ● Pixel size, vertical | 0.3 mm |
| General features | |
| ● Brightness/contrast | 300 cd/m² / 1 000:1 |
| ● non-reflective and tempered mineral glass screen | Yes |
| ● Detachable from computer unit | 100 m; Ethernet |
| ● Luminance | 300 cd/m² |
| Backlighting | |
| ● Type of backlighting | LED |
| ● MTBF backlighting (at 25 °C) | 50 000 h; 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 | Yes; Projective-capacitive |
| ● Monitor keyboard | 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 |

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| | |
|---|---|
| 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 |

## 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) | |
| ● 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. | 60 °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 |

| 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 ⬀ |

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