

SIMATIC IFP2200, Flat Panel 22" display (16:9), Multitouch, neutral design, black without logo symmetric frame, Extended Version max. 30m, 1920x1080 pixel, for 24V DC, Displayport / 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                                   |
| On Screen Display (OSD) configuration | No; Adjustable by means of software      |
| Number of colors                      | 16 777 216; 24 bit                       |
| Viewing angle                         | 170° x 170°                              |
| 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                                    |                                 |
| • Brightness/contrast                               | 250 cd/m <sup>2</sup> / 1 000:1 |
| • non-reflective and tempered mineral glass screen  | Yes                             |
| • Detachable from computer unit                     | 30 m                            |
| • Luminance                                         | 250 cd/m <sup>2</sup>           |
| 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                              |
| — Number of function keys                           | 0                               |
| Touch operation                                     |                                 |
| • Design as touch screen                            | Yes; Projective-capacitive      |
| • Monitor keyboard                                  | Yes                             |
| Installation type/mounting                          |                                 |
| Design                                              | Built-in unit                   |
| 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                              | 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                                          |                                 |
| USB on the rear                                     | Yes; 2x onboard                 |
| Connection for keyboard/mouse                       | USB                             |
| Video interfaces                                    |                                 |
| • analog video signal (VGA)                         | No                              |
| • DVI-D                                             | Yes                             |
| • DisplayPort                                       | Yes; DisplayPort V1.1           |
| Touch interfaces                                    |                                 |
| • USB                                               | Yes                             |
| Degree and class of protection                      |                                 |

|                                  |      |
|----------------------------------|------|
| IP (at the front)                | IP65 |
| IP (rear)                        | IP20 |
| NEMA (front)                     |      |
| • Enclosure Type 4 at the front  | Yes  |
| • Enclosure Type 4x at the front | Yes  |
| • Enclosure Type 12 at the front | Yes  |

#### Standards, approvals, certificates

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

#### Use in hazardous areas

|                |                    |
|----------------|--------------------|
| • ATEX Zone 2  | No; Available soon |
| • ATEX Zone 22 | No; Available soon |

#### Marine approval

|                                     |                    |
|-------------------------------------|--------------------|
| • Germanischer Lloyd (GL)           | No; Available soon |
| • American Bureau of Shipping (ABS) | No; Available soon |
| • Bureau Veritas (BV)               | No; Available soon |
| • Det Norske Veritas (DNV)          | No; Available soon |
| • Lloyds Register of Shipping (LRS) | No; Available soon |
| • Nippon Kaiji Kyokai (Class NK)    | No; 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             | 10 m/s <sup>2</sup> |
| • Vibration load during transport/storage | 10 m/s <sup>2</sup> |

##### Shock testing

|                                               |                      |
|-----------------------------------------------|----------------------|
| • Shock load during operation                 | 150 m/s <sup>2</sup> |
| • shock acceleration during storage/transport | 150 m/s <sup>2</sup> |

#### Mechanics/material

|                            |     |
|----------------------------|-----|
| Enclosure material (front) |     |
| • Glass                    | Yes |

| Dimensions                 |                          |
|----------------------------|--------------------------|
| Width of the housing front | 529 mm                   |
| Height of housing front    | 331 mm                   |
| Mounting cutout, width     | 513 mm; Tolerance: +1 mm |
| Mounting cutout, height    | 315 mm; Tolerance: +1 mm |
| Overall depth              | 72 mm                    |

| Weights                  |        |
|--------------------------|--------|
| Weight without packaging | 6.7 kg |
| Weight incl. packaging   | 6.8 kg |

**last modified:** 09/11/2020