

SIMATIC IFP2200 FLAT PANEL 22" DISPLAY (16:9),  
MULTITOUCH, STANDARD VERSION MAX. 5M, 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               |
| 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                                |

|                                                                |                                |
|----------------------------------------------------------------|--------------------------------|
| <b>General features</b>                                        |                                |
| • Detachable from computer unit                                | 5 m                            |
| • Brightness/contrast                                          | 250 cd/m <sup>2</sup> / 1000:1 |
| • non-reflective and tempered mineral glass screen             | Yes                            |
| • Luminance                                                    | 250 cd/m <sup>2</sup>          |
| <b>Backlighting</b>                                            |                                |
| • Type of backlighting                                         | LED                            |
| • MTBF backlighting (at 25 °C)                                 | 50 000 h; At 25°C              |
| • Backlight dimmable                                           | Yes; 0-100 %                   |
| <b>Control elements</b>                                        |                                |
| <b>Keyboard fonts</b>                                          |                                |
| • Function keys                                                | No                             |
| <b>Touch operation</b>                                         |                                |
| • Monitor keyboard                                             | Yes                            |
| <b>Installation type/mounting</b>                              |                                |
| Built-in unit                                                  | Yes; Portrait mode possible    |
| • permissible angle to the vertical backward (console)         | 35°                            |
| • permissible angle to the vertical forward (ceiling mounting) | 35°                            |
| <b>Supply voltage</b>                                          |                                |
| Type of supply voltage                                         | DC                             |
| Rated value (DC)                                               | 24 V; PELV                     |
| permissible range, lower limit (DC)                            | 19.2 V                         |
| permissible range, upper limit (DC)                            | 28.8 V                         |
| <b>Power loss</b>                                              |                                |
| Power loss AC                                                  |                                |
| • Typical                                                      | 40 W                           |
| • Maximum                                                      | 60 W                           |
| Power loss DC                                                  |                                |
| • Typical                                                      | 40 W                           |
| • Maximum                                                      | 65 W                           |
| <b>Interfaces</b>                                              |                                |
| <b>Video interfaces</b>                                        |                                |
| • DVI-D                                                        | Yes                            |
| • DisplayPort                                                  | Yes; DisplayPort V1.1          |
| <b>Touch interfaces</b>                                        |                                |
| • USB                                                          | Yes                            |
| <b>Degree and class of protection</b>                          |                                |

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

#### 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 |

#### Use in hazardous areas

- |                         |                     |
|-------------------------|---------------------|
| • ATEX Zone 2           | Yes; Available soon |
| • ATEX Zone 22          | Yes; Available soon |
| • FM Class I Division 2 | Yes                 |

#### 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 %; Non-condensing |
|-------------------|----------------------|

##### 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:** 03/09/2017