

SIMATIC IFP 2200 V2 ext. hygienic, IP69, stainless steel, 22" multi-touch display (16:9) with 1920x1080 pixel resolution, built-in unit for 24 V DC, display port interface, can be placed up to 100 m away HDBaseT, USB on the rear side, blue FDA compliant gasket, increased impact protection with splinter protection display front according to directives EN 1672-2, FDA 21 CFR 177.2006 hygienic design



| General information                                |                                          |
|----------------------------------------------------|------------------------------------------|
| Product type designation                           | IFP2200 V2 ext. hyg.                     |
| Short designation                                  | Flat Panel 22" multi-touch ext. hygienic |
| Display                                            |                                          |
| Design of display                                  | TFT widescreen display, LED backlighting |
| Screen diagonal                                    | 21.5 in; 22"                             |
| 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)                                |                                          |
| • Image resolution                                 | 1 920 x 1 080                            |
| • 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 | No                                       |
| • Detachable from computer unit                    | 100 m; HDBaseT protocol                  |
| Backlighting                                       |                                          |
| • Type of backlighting                             | LED                                      |
| • MTBF backlighting (at 25 °C)                     | 50 000 h; At 25°C                        |
| • Backlight dimmable                               | Yes; 0-100 %                             |
| Control elements                                   |                                          |
| Control elements                                   | multi-touch screen                       |
| Input device                                       |                                          |
| • Integrated mouse cursor control                  | Yes; Also externally via USB             |
| Touch operation                                    |                                          |
| • Design as touch screen                           | Yes; Projective-capacitive               |
| • Design as multi-touch screen                     | Yes; Projective-capacitive               |
| • Monitor keyboard                                 | Yes; If supported by operating system    |
| Installation type/mounting                         |                                          |
| Design                                             | Built-in unit                            |
| Front mounting                                     | Yes                                      |
| VESA mounting                                      | Yes; VESA 100 x 100 integrated           |
| Mounting in portrait format possible               | Yes                                      |
| Mounting in landscape format possible              | Yes                                      |
| Built-in unit                                      | Yes; Portrait mode possible              |
| maximum permitted forward tilt angle from vertical | 35°                                      |

|                                                          |                                          |
|----------------------------------------------------------|------------------------------------------|
| maximum permitted backward tilt angle from vertical      | 35°                                      |
| <b>Supply voltage</b>                                    |                                          |
| 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                                   |
| <b>Input current</b>                                     |                                          |
| Current consumption (rated value)                        | 1 A                                      |
| Current consumption, max.                                | 1.3 A                                    |
| Starting current inrush I <sub>st</sub>                  | 0.5 A <sup>2</sup> ·s                    |
| <b>Power loss</b>                                        |                                          |
| Power loss, typ.                                         | 24 W                                     |
| Power loss, max.                                         | 30 W                                     |
| <b>Interfaces</b>                                        |                                          |
| Number of USB interfaces                                 | 2; USB 2.0 type A                        |
| USB on the rear                                          | Yes; 2x onboard                          |
| Connection for keyboard/mouse                            | USB                                      |
| <b>Video interfaces</b>                                  |                                          |
| • DisplayPort                                            | Yes; Display port V1.2                   |
| <b>Touch interfaces</b>                                  |                                          |
| • USB                                                    | Yes                                      |
| <b>Degree and class of protection</b>                    |                                          |
| IP (rear)                                                | IP20                                     |
| NEMA (front)                                             |                                          |
| • Enclosure Type 4x at the front                         | Yes                                      |
| • Enclosure Type 12 at the front                         | Yes                                      |
| <b>Standards, approvals, certificates</b>                |                                          |
| CE mark                                                  | Yes                                      |
| UL approval                                              | No; Available soon                       |
| cULus                                                    | No; Available soon                       |
| RCM (formerly C-TICK)                                    | Yes                                      |
| KC approval                                              | No; Available soon                       |
| CCC                                                      | No; Available soon                       |
| EMC                                                      | CE, EN 55011, EN 61000-6-4, EN 61000-6-2 |
| <b>Use in hazardous areas</b>                            |                                          |
| • ATEX Zone 2                                            | No; Available soon                       |
| • ATEX Zone 22                                           | No; Available soon                       |
| • IECEx Zone 2                                           | No; Available soon                       |
| • IECEx Zone 22                                          | No; Available soon                       |
| • cULus Class I Zone 2, Division 2                       | No; Available soon                       |
| <b>Ambient conditions</b>                                |                                          |
| <b>Ambient temperature during operation</b>              |                                          |
| • min.                                                   | 0 °C                                     |
| • max.                                                   | 45 °C                                    |
| <b>Ambient temperature during storage/transportation</b> |                                          |
| • min.                                                   | -20 °C                                   |
| • max.                                                   | 60 °C                                    |
| <b>Altitude during operation relating to sea level</b>   |                                          |
| • Installation altitude above sea level, max.            | 2 000 m                                  |
| <b>Relative humidity</b>                                 |                                          |
| • Operation, max.                                        | 90 %; no condensation                    |
| <b>Vibrations</b>                                        |                                          |
| • Vibration load in operation                            | 10 m/s <sup>2</sup>                      |
| • Vibration load during transport/storage                | 10 m/s <sup>2</sup>                      |
| <b>Shock testing</b>                                     |                                          |
| • Shock load during operation                            | 150 m/s <sup>2</sup>                     |
| • shock acceleration during storage/transport            | 250 m/s <sup>2</sup>                     |
| <b>Mechanics/material</b>                                |                                          |
| Enclosure material (front)                               |                                          |
| • Plastic                                                | Yes; shatter protection film             |

• Stainless steel

Yes

Dimensions

|                            |                          |
|----------------------------|--------------------------|
| Width of the housing front | 544.7 mm                 |
| Height of housing front    | 346.2 mm                 |
| Mounting cutout, width     | 513 mm; Tolerance: +1 mm |
| Mounting cutout, height    | 315 mm; Tolerance: +1 mm |
| Overall depth              | 67.7 mm                  |

Weights

|                            |        |
|----------------------------|--------|
| Weight (without packaging) | 7.8 kg |
|----------------------------|--------|

last modified: 6/19/2024 