

SIMATIC IFP1500 V2 PRO, 15 multi-touch display (16:9) with 1920x1080 pixel resolution, PRO variant stand, for 24 V DC, DisplayPort, can be placed up to 100 m away HDBaseT, USB on the rear side, standard design



Figure similar

| General information                                |  |
|--|--|
| Product type designation                           | IFP1500 V2 PRO                           |
| Short designation                                  | Flat Panel 15" multi-touch ext.          |
| Display  |  |
| Design of display                                  | TFT widescreen display, LED backlighting |
| Screen diagonal                                    | 15.6 in; 15"                             |
| Screen diagonal [cm]                               | 39 mm                                    |
| Display width                                      | 344.2 mm                                 |
| Display height                                     | 193.5 mm                                 |
| On Screen Display (OSD) configuration              | No; Adjustable by means of software      |
| Number of colors                                   | 16 777 216; 24 bit                       |
| Viewing angle                                      | 178° x 178°                              |
| Resolution (pixels)                                |  |
| • Image resolution                                 | 1 920 x 1 080                            |
| • Horizontal image resolution                      | 1 920 pixel                              |
| • Vertical image resolution                        | 1 080 pixel                              |
| • Pixel size, horizontal                           | 0.17925 mm                               |
| • Pixel size, vertical                             | 0.17925 mm                               |
| General features                                   |  |
| • Brightness/contrast                              | 400 cd/m <sup>2</sup> / 1 000:1          |
| • non-reflective and tempered mineral glass screen | Yes                                      |
| • Detachable from computer unit                    | 100 m; HDBaseT protocol                  |
| • Luminance  | 400 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                                   |  |
| Control elements                                   | multi-touch screen                       |
| Input device                                       |  |
| • Integrated mouse cursor control                  | Yes                                      |
| Touch operation                                    |  |
| • Design as touch screen                           | Yes; Projective-capacitive               |
| • Design as multi-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  | Yes; With VESA adapter set               |
| Mounting in portrait format possible                     | No                                       |
| maximum permitted forward tilt angle from vertical       | 45°                                      |
| maximum permitted backward tilt angle from vertical      | 45°                                      |
| <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 <sup>2</sup> t                 | 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>                                  |  |
| • DVI-D  | Yes                                      |
| • DisplayPort  | Yes; Display port V1.2                   |
| <b>Touch interfaces</b>                                  |  |
| • USB  | Yes                                      |
| <b>Degree and class of protection</b>                    |  |
| IP (at the front)  | IP65                                     |
| IP (rear)  | IP65                                     |
| NEMA (front)   |  |
| • Enclosure Type 4 at the front                          | Yes                                      |
| <b>Standards, approvals, certificates</b>                |  |
| CE mark  | Yes                                      |
| cULus  | Yes; Corresponds to UL 508               |
| FM approval  | Yes; Class I Div. 2                      |
| RCM (formerly C-TICK)                                    | Yes                                      |
| EAC (formerly Gost-R)                                    | Yes                                      |
| EMC  | CE, EN 55011, EN 61000-6-4, EN 61000-6-2 |
| <b>Use in hazardous areas</b>                            |  |
| • ATEX Zone 2  | Yes                                      |
| • ATEX Zone 22   | Yes                                      |
| • IECEx Zone 2   | Yes                                      |
| • IECEx Zone 22  | Yes                                      |
| • FM Class I Division 2                                  | No                                       |
| <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.            | 3 500 m                                  |
| <b>Relative humidity</b>                                 |  |
| • Operation, max.  | 95 %; no condensation                    |
| <b>Vibrations</b>  |  |
| • Vibration load in operation                            | 1 gn                                     |
| • Vibration load during transport/storage                | 1 gn                                     |
| <b>Shock testing</b>                                     |  |
| • Shock load during operation                            | 15 gn                                    |

- shock acceleration during storage/transport

15 gn

#### Mechanics/material

|  |                    |
|--|--------------------|
| Enclosure material (front)   | In standard design |
| <ul style="list-style-type: none"> <li>• Aluminum</li> </ul>         | Yes                |
| <ul style="list-style-type: none"> <li>• Aluminum casting</li> </ul> | Yes                |
| <ul style="list-style-type: none"> <li>• Glass</li> </ul>            | Yes; at front      |
| Enclosure material (rear)  | aluminum           |

#### Dimensions

|                            |                               |
|----------------------------|-------------------------------|
| Width                      | 396 mm                        |
| Height                     | 255 mm                        |
| Depth                      | 93.7 mm                       |
| Width of the housing front | 396 mm                        |
| Height of housing front    | 255 mm; Without basic adapter |

#### Weights

|                            |        |
|----------------------------|--------|
| Weight (without packaging) | 5.3 kg |
| Weight (with packaging)    | 6 kg   |

last modified:

5/31/2023 