

SIMATIC IFP 1500 V2 ext. hygienic, IP69, stainless steel, 15" 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 | IFP1500 V2 ext. hyg. |
| Short designation | Flat Panel 15" multi-touch ext. hygienic |
| Display | |
| Design of display | TFT widescreen display, LED backlighting |
| Screen diagonal | 15.6 in; 15" |
| Screen diagonal [cm] | 40 cm |
| 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 |
| • Pixel size, horizontal | 0.17925 mm |
| • Pixel size, vertical | 0.17925 mm |
| General features | |
| • Brightness/contrast | 400 cd/m ² / 700:1 |
| • non-reflective and tempered mineral glass screen | No; reinforced pane with shatter protection film |
| • 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° |
| 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 |
| Input current | |
| Current consumption (rated value) | 1 A |
| Current consumption, max. | 1.3 A |
| Starting current inrush I _t | 0.5 A ² ·s |
| Power loss | |
| Power loss, typ. | 24 W |
| Power loss, max. | 30 W |
| Interfaces | |
| Number of USB interfaces | 2; USB 2.0 type A |
| USB on the rear | Yes; 2x onboard |
| Connection for keyboard/mouse | USB |
| Video interfaces | |
| • DisplayPort | Yes; Display port V1.2 |
| Touch interfaces | |
| • USB | Yes; (device) |
| Degree and class of protection | |
| IP (at the front) | IP66K, IP69 |
| IP (rear) | IP20 |
| NEMA (front) | |
| • Enclosure Type 4x at the front | Yes |
| • Enclosure Type 12 at the front | Yes |
| Standards, approvals, certificates | |
| CE mark | Yes |
| UL approval | Yes |
| cULus | Yes |
| RCM (formerly C-TICK) | Yes |
| KC approval | No; in preparation |
| CCC | No; in preparation |
| EMC | CE, EN 55011, EN 61000-6-4, EN 61000-6-2 |
| Use in hazardous areas | |
| • ATEX Zone 2 | Yes |
| • ATEX Zone 22 | Yes |
| • IECEx Zone 2 | Yes |
| • IECEx Zone 22 | Yes |
| • cULus Class I Zone 2, Division 2 | Yes |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 50 °C |
| Ambient temperature during storage/transportation | |
| • min. | -20 °C |
| • max. | 60 °C |
| Altitude during operation relating to sea level | |
| • Installation altitude above sea level, max. | 2 000 m |
| Relative humidity | |
| • Operation, max. | 90 %; no condensation |
| Vibrations | |
| • Vibration load in operation | 10 m/s ² |
| • Vibration load during transport/storage | 10 m/s ² |
| Shock testing | |
| • Shock load during operation | 150 m/s ² |
| • shock acceleration during storage/transport | 250 m/s ² |
| Mechanics/material | |
| Enclosure material (front) | |

| | |
|--|------------------------------|
| <ul style="list-style-type: none"> • Plastic • Stainless steel | Yes; shatter protection film |
| Enclosure material (rear) | Yes |
| Enclosure material (rear) | stainless steel, aluminum |
| Dimensions | |
| Width of the housing front | 411.8 mm |
| Height of housing front | 272.2 mm |
| Mounting cutout, width | 382 mm; Tolerance: +1 mm |
| Mounting cutout, height | 241 mm; Tolerance: +1 mm |
| Overall depth | 67.7 mm |
| Weights | |
| Weight (without packaging) | 4.7 kg |
| Classifications | |

| | Version | Classification |
|--------|---------|----------------|
| eClass | 14 | 19-20-02-01 |
| eClass | 12 | 19-20-02-01 |
| eClass | 9.1 | 19-20-02-01 |
| eClass | 9 | 19-20-02-01 |
| eClass | 8 | 19-20-02-01 |
| eClass | 7.1 | 19-20-02-01 |
| eClass | 6 | 19-20-02-01 |
| ETIM | 10 | EC004862 |
| ETIM | 9 | EC001428 |
| ETIM | 8 | EC001428 |
| ETIM | 7 | EC001428 |

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)



[Miscellaneous](#)

[KC](#)



EMV **For use in hazardous locations**

[KC](#)



[CCC-Ex](#)



For use in hazardous locations **other** **Food, Pharmaceutical, Medical**



[Miscellaneous](#)

[Special Test Certificate](#)

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