

SIMATIC IFP1900 FLAT PANEL 19" DISPLAY (16:9),
 MULTITOUCH, STANDARD VERSION MAX. 5M, 1366X768 PIXEL,
 FOR 24V DC, DISPLAYPORT / DVI INTERFACE INCL. DVI/USB-
 CABLE 1,8 M



Figure similar

| General information | |
|---------------------------------------|--|
| Product type designation | IFP1900 |
| Short designation | Flat Panel 19" Multitouch |
| Display | |
| Design of display | TFT widescreen display, LED backlighting |
| Screen diagonal | 18.5 in |
| Screen diagonal (cm) | 47 cm |
| Display width | 409.8 mm |
| Display height | 230.4 mm |
| Viewing angle | 170° x 160° |
| On Screen Display (OSD) configuration | No; Adjustable by means of software |
| Number of colors (bit levels) | 24 bit |
| Number of colors | 16 777 216 |
| Resolution (pixels) | |
| • Horizontal image resolution | 1 366 Pixel |
| • Vertical image resolution | 768 Pixel |
| • Resolution (WxH in pixel) | 1366 x 768 |
| • Pixel size, horizontal | 0.3 mm |

| | |
|--|--------------------------------|
| • Pixel size, vertical | 0.3 mm |
| General features | |
| • non-reflective and tempered mineral glass screen | Yes |
| • Detachable from computer unit | 5 m |
| • Brightness/contrast | 300 cd/m ² / 1000:1 |
| — Brightness, max. | 300 cd/m ² |
| Backlighting | |
| • Type of backlighting | LED |
| • MTBF backlighting (up to 50%, at 25 °C) | 50 000 h; At 25 °C |
| • Backlight dimmable | Yes; 0-100 % |
| Control elements | |
| Keyboard fonts | |
| • Function keys | No |
| Touch operation | |
| • Monitor keyboard | Yes |
| Installation type/mounting | |
| Built-in unit | Yes; Portrait mode possible |
| • permissible angle to the vertical backward (console) | 35° |
| • permissible angle to the vertical forward (ceiling mounting) | 35° |
| Supply voltage | |
| 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 |
| Power loss | |
| Power loss AC | |
| • Typical | 40 W |
| • Maximum | 60 W |
| Power loss DC | |
| • Typical | 40 W |
| • Maximum | 65 W |
| Interfaces | |
| Video interfaces | |
| • DVI-D | Yes |
| • Display port | Yes; DisplayPort V1.1 |
| Touch interfaces | |
| • USB | Yes |

| Degree and class of protection | |
|---|---|
| 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) | No |
| • American Bureau of Shipping (ABS) | No |
| • Bureau Veritas (BV) | No |
| • Det Norske Veritas (DNV) | No |
| • Lloyds Register of Shipping (LRS) | No |
| • Nippon Kaiji Kyokai (Class NK) | No |
| Use in hazardous areas | |
| • ATEX Zone 2 | No; 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 | |
| Type of housing (front) | Glass |

| | |
|----------------------------|--------------------------|
| Enclosure material (front) | |
| • Glass | Yes |
| Dimensions | |
| Width of the housing front | 483 mm |
| Height of housing front | 337 mm |
| Mounting cutout, width | 465 mm; Tolerance: +1 mm |
| Mounting cutout, height | 319 mm; Tolerance: +1 mm |
| Overall depth | 62.5 mm |
| Weights | |
| Weight without packaging | 5.5 kg |
| Weight incl. packaging | 6.5 kg |
| last modified: | 02.03.2016 |