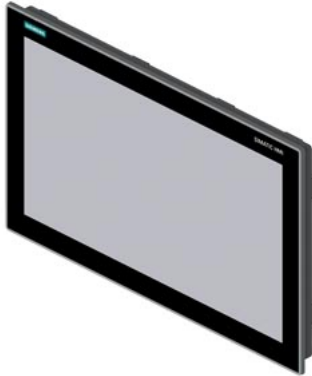




SIMATIC IFP1900 Basic Flat Panel 19" display (16:9), Touch, 1366 x 768 pixels, standard up to 5 m, for 24V DC, DisplayPort/VGA interface

| General information                                 |                                          |
|-----------------------------------------------------|------------------------------------------|
| Product type designation                            | IFP1900 Basic                            |
| Short designation                                   | Basic Flat Panel 19" Touch               |
| Display                                             |                                          |
| Design of display                                   | TFT widescreen display, LED backlighting |
| Screen diagonal                                     | 18.5 in; 19"                             |
| On Screen Display (OSD) configuration               | No                                       |
| Number of colors                                    | 16 000 000; 16 million                   |
| Resolution (pixels)                                 |                                          |
| • Image resolution                                  | 1 366 x 768                              |
| • Horizontal image resolution                       | 1 366 pixel                              |
| • Vertical image resolution                         | 768 pixel                                |
| General features                                    |                                          |
| • Detachable from computer unit                     | 5 m                                      |
| Backlighting                                        |                                          |
| • Type of backlighting                              | LED                                      |
| • MTBF backlighting (at 25 °C)                      | 50 000 h                                 |
| • Backlight dimmable                                | Yes; 0-100 %                             |
| Control elements                                    |                                          |
| Control elements                                    | single-touch screen                      |
| Input device                                        |                                          |
| • Integrated mouse cursor control                   | No                                       |
| Touch operation                                     |                                          |
| • Design as touch screen                            | Yes; Analog-resistive                    |
| 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  | 45°                                      |
| maximum permitted backward tilt angle from vertical | 45°                                      |
| Supply voltage                                      |                                          |
| Type of supply voltage                              | DC                                       |
| Rated value (DC)                                    | 24 V                                     |
| permissible range, lower limit (DC)                 | 20.4 V                                   |
| permissible range, upper limit (DC)                 | 28.8 V                                   |
| Power loss                                          |                                          |

|                                                   |                                 |         |                |
|---------------------------------------------------|---------------------------------|---------|----------------|
| Power loss, typ.                                  | 19 W                            |         |                |
| Power loss, max.                                  | 60 W                            |         |                |
| Interfaces                                        |                                 |         |                |
| Number of USB interfaces                          | 2; USB 2.0 (downstream)         |         |                |
| USB on the rear                                   | Yes; 2x onboard                 |         |                |
| Video interfaces                                  |                                 |         |                |
| • DisplayPort                                     | Yes                             |         |                |
| Touch interfaces                                  |                                 |         |                |
| • USB                                             | Yes; USB Type A                 |         |                |
| Degree and class of protection                    |                                 |         |                |
| IP (at the front)                                 | IP65                            |         |                |
| Standards, approvals, certificates                |                                 |         |                |
| CE mark                                           | Yes                             |         |                |
| cULus                                             | Yes; UL 61010-1, UL 61010-2-201 |         |                |
| RCM (formerly C-TICK)                             | Yes                             |         |                |
| KC approval                                       | Yes                             |         |                |
| EAC (formerly Gost-R)                             | Yes                             |         |                |
| FCC                                               | Yes                             |         |                |
| Ambient conditions                                |                                 |         |                |
| Ambient temperature during operation              |                                 |         |                |
| • min.                                            | 0 °C                            |         |                |
| • max.                                            | 45 °C                           |         |                |
| Ambient temperature during storage/transportation |                                 |         |                |
| • min.                                            | -20 °C                          |         |                |
| • max.                                            | 60 °C                           |         |                |
| Relative humidity                                 |                                 |         |                |
| • Operation, max.                                 | 85 %                            |         |                |
| Vibrations                                        |                                 |         |                |
| • Vibration load in operation                     | 5 m/s²                          |         |                |
| • Vibration load during transport/storage         | 10 m/s²                         |         |                |
| Shock testing                                     |                                 |         |                |
| • Shock load during operation                     | 150 m/s²                        |         |                |
| • shock acceleration during storage/transport     | 250 m/s²                        |         |                |
| Mechanics/material                                |                                 |         |                |
| Enclosure material (front)                        |                                 |         |                |
| • Aluminum                                        | Yes                             |         |                |
| Dimensions                                        |                                 |         |                |
| Width of the housing front                        | 473 mm                          |         |                |
| Height of housing front                           | 297 mm                          |         |                |
| Mounting cutout, width                            | 455 mm                          |         |                |
| Mounting cutout, height                           | 279.2 mm                        |         |                |
| mounting depth                                    | 59 mm                           |         |                |
| Weights                                           |                                 |         |                |
| Weight (without packaging)                        | 5.1 kg                          |         |                |
| Classifications                                   |                                 |         |                |
|                                                   |                                 | Version | Classification |
|                                                   | eClass                          | 16      | 19-20-02-01    |
|                                                   | 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    |
| IDEA   | 4  | 6675        |
| UNSPSC | 15 | 43-21-19-02 |

Approvals / Certificates

General Product Approval



|                          |     |
|--------------------------|-----|
| General Product Approval | EMV |
|--------------------------|-----|



last modified: 3/25/2025