


SIMATIC ITC1500 V3, Industrial Thin Client, 15" widescreen TFT display, capacitive touch sensor, Supported protocols: RDP, VNC, SMARTSERVER HTML5 et. al., Neutral Design, panel mount



Figure similar

| General information | |
|--|--|
| Product type designation | ITC1500 V3 |
| Display | |
| Design of display | TFT widescreen display, LED backlighting |
| Screen diagonal | 15.6 in; 15" |
| Display width | 344.2 mm |
| Display height | 193.5 mm |
| Number of colors | 16 777 216 |
| Resolution (pixels) | |
| <ul style="list-style-type: none"> Image resolution | 1 366 x 768 |
| <ul style="list-style-type: none"> Horizontal image resolution | 1 366 pixel |
| <ul style="list-style-type: none"> Vertical image resolution | 768 pixel |
| General features | |
| <ul style="list-style-type: none"> non-reflective and tempered mineral glass screen | Yes |
| <ul style="list-style-type: none"> Detachable from computer unit | 100 m |
| Backlighting | |
| <ul style="list-style-type: none"> Type of backlighting | LED, dimmable |
| <ul style="list-style-type: none"> MTBF backlighting (at 25 °C) | 50 000 h; At 25°C |
| <ul style="list-style-type: none"> Backlight dimmable | Yes |
| Control elements | |
| Control elements | multi-touch screen |
| Touch operation | |
| <ul style="list-style-type: none"> Design as touch screen | Yes |
| <ul style="list-style-type: none"> Design as multi-touch screen | Yes; Projective-capacitive |
| <ul style="list-style-type: none"> Monitor keyboard | Yes |
| Installation type/mounting | |
| Design | Built-in unit |
| Front mounting | Yes |
| Support arm mounting | No |
| Stand mounting | No |
| Built-in unit | Yes |
| 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 |
| permissible range, lower limit (DC) | 19.2 V |
| permissible range, upper limit (DC) | 28.8 V |

| Input current | |
|--|-----------------------|
| Current consumption (rated value) | 1.4 A |
| Starting current inrush I ² t | 0.5 A ² ·s |
| Power | |
| Active power input, typ. | 34 W |
| Power loss | |
| Power loss, typ. | 34 W |
| Interfaces | |
| Number of industrial Ethernet interfaces | 2; 2 ports (switch) |
| Number of USB interfaces | 4; on rear |
| USB on the rear | Yes; 2x onboard |
| Connection for keyboard/mouse | USB |
| Industrial Ethernet | |
| • Transmission rate, max. | 1 000 Mbit/s |
| Protocols | |
| Protocols (Ethernet) | |
| • TCP/IP | Yes |
| • DHCP | Yes |
| • SNMP | Yes |
| • DCP | Yes |
| • LLDP | Yes |
| WEB characteristics | |
| • HTTP | Yes |
| • HTML | Yes; HTML5 |
| • XML | Yes |
| • CSS | Yes |
| • JavaScript | Yes |
| Protocols (terminal link) | |
| • Sm@rtServer | Yes |
| • RDP | Yes |
| • VNC viewer | Yes |
| • Citrix | No |
| • SINUMERIK | No |
| Degree and class of protection | |
| IP (at the front) | IP65 |
| IP (rear) | IP20 |
| NEMA (front) | |
| • Enclosure Type 4 at the front | Yes |
| • Enclosure Type 4x at the front | Yes |
| • Enclosure Type 12 at the front | Yes |
| Standards, approvals, certificates | |
| CE mark | Yes |
| cULus | Yes |
| FM approval | Yes |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| 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 |
| • FM Class I Division 2 | Yes |
| Marine approval | |
| • Germanischer Lloyd (GL) | No; Available soon |
| • American Bureau of Shipping (ABS) | No; Available soon |
| • Bureau Veritas (BV) | No; Available soon |
| • Det Norske Veritas (DNV) | No; Available soon |
| • Lloyds Register of Shipping (LRS) | No; Available soon |

| | |
|---|---|
| • Nippon Kaiji Kyokai (Class NK) | No; Available soon |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 50 °C |
| Ambient temperature during storage/transportation | |
| • min. | -20 °C |
| • max. | 60 °C |
| 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 | 150 m/s ² |
| Software | |
| Web browser | Yes; HTML5, CSS |
| configuration / header | |
| Configuration | |
| • Remote | Yes; Via web page |
| Languages | |
| Online languages | |
| • Number of online/runtime languages | 3; german / english |
| Peripherals/Options | |
| USB memory | Yes; USB storage medium can be connected |
| Mechanics/material | |
| Enclosure material (front) | |
| • Aluminum | Yes |
| Dimensions | |
| Width of the housing front | 398 mm |
| Height of housing front | 257 mm |
| Mounting cutout, width | 382 mm |
| Mounting cutout, height | 241 mm |
| Overall depth | 73 mm |
| Weights | |
| Weight (without packaging) | 5 kg |
| last modified: | 1/16/2021  |