

SIMATIC ITC1900, INDUSTRIAL THIN CLIENT, 19" WIDESCREEN-TFT-DISPLAY, TOUCH OPERATION, SUPPORTED PROTOCOLS: RDP, VNC, SMARTSERVER, WEB



| Display                       |  |
|-------------------------------|--|
| Design of display             | TFT widescreen display, LED backlighting |
| Screen diagonal               | 18.5 in                                  |
| Display width                 | 409.8 mm                                 |
| Display height                | 230.4 mm                                 |
| Number of colors              | 16 777 216                               |
| Resolution (pixels)           |  |
| • Horizontal image resolution | 1 366 Pixel                              |
| • Vertical image resolution   | 768 Pixel                                |
| Backlighting                  |  |
| • Type of backlighting        | LED, dimmable                            |
| • Backlight dimmable          | Yes; 5-100 %                             |
| Control elements              |  |
| Touch operation               |  |
| • Design as touch screen      | Yes                                      |
| • Monitor keyboard            | Yes                                      |
| Installation type/mounting    |  |
| Built-in unit                 | Yes                                      |

| Supply voltage                      |         |
|-------------------------------------|---------|
| Type of supply voltage              | 24 V DC |
| permissible range, lower limit (DC) | 19.2 V  |
| permissible range, upper limit (DC) | 28.8 V  |

| Input current                            |                       |
|--|-----------------------|
| Current consumption, max.                | 1.3 A                 |
| Starting current inrush I <sup>2</sup> t | 0.5 A <sup>2</sup> ·s |

| Interfaces                               |              |
|--|--------------|
| Number of industrial Ethernet interfaces | 1            |
| USB on the rear                          | 2            |
| USB at the front                         | 0            |
| 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               | Yes |

| Degree and class of protection |     |
|--------------------------------|-----|
| IP65 at front                  | Yes |
| IP20 rear                      | Yes |

| Standards, approvals, certificates |     |
|------------------------------------|-----|
| CE mark                            | Yes |
| cULus                              | Yes |
| RCM (formerly C-TICK)              | Yes |

|  |  |
|--|--|
| KC approval  | Yes  |
| <b>Use in hazardous areas</b>                            |  |
| • cULus Class I Zone 1                                   | No   |
| • cULus Class I Zone 2, Division 2                       | Yes; Available soon                                    |
| • FM Class I Division 2                                  | Yes; Available soon                                    |
| <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>Relative humidity</b>                                 |  |
| • Operation, max.  | 90 %   |
| <b>Software</b>  |  |
| Web browser  | Yes  |
| PDF reader   | Yes  |
| <b>Configuration</b>                                     |  |
| <b>Configuration</b>                                     |  |
| • On-board   | Yes  |
| • Remote administration                                  | Yes; With Remote Configuration Center (RCC) as of V2.0 |
| <b>Languages</b>   |  |
| <b>Online languages</b>                                  |  |
| • German   | Yes  |
| • English  | Yes  |
| <b>Peripherals/Options</b>                               |  |
| <b>Peripherals</b>                                       |  |
| • USB memory   | Yes; USB storage medium can be connected               |
| <b>Mechanics/material</b>                                |  |
| <b>Enclosure material (front)</b>                        |  |
| • Aluminum   | Yes  |
| <b>Dimensions</b>  |  |
| Width of the housing front                               | 483 mm   |
| Height of housing front                                  | 337 mm   |
| Mounting cutout, width                                   | 465 mm   |
| Mounting cutout, height                                  | 319 mm   |
| Overall depth  | 75 mm  |
| <b>Weights</b>   |  |
| Weight without packaging                                 | 6.5 kg   |

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Weight incl. packaging

7.1 kg

**last modified:**

04/27/2017