

SIMATIC ITC 2200, Industrial Thin Client, 22" widescreen TFT display, Touch operation, Supported protocols: RDP, VNC, SMARTSERVER, Web



| General information            |                                          |
|--------------------------------|------------------------------------------|
| Product type designation       | ITC2200                                  |
| Display                        |                                          |
| Design of display              | TFT widescreen display, LED backlighting |
| Screen diagonal                | 21.5 in                                  |
| Display width                  | 495.6 mm                                 |
| Display height                 | 292.2 mm                                 |
| Number of colors               | 16 777 216                               |
| Resolution (pixels)            |                                          |
| • Horizontal image resolution  | 1 920 Pixel                              |
| • Vertical image resolution    | 1 080 Pixel                              |
| General features               |                                          |
| • Luminance                    | 250 cd/m <sup>2</sup>                    |
| Backlighting                   |                                          |
| • Type of backlighting         | LED, dimmable                            |
| • MTBF backlighting (at 25 °C) | 30 000 h; At 25°C                        |
| • 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.                | 2.2 A                 |
| Starting current inrush I <sup>2</sup> t | 0.5 A <sup>2</sup> ·s |
| Interfaces                               |                       |
| Number of industrial Ethernet interfaces | 1                     |
| Number of USB interfaces                 | 2; on rear            |
| 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                  |
| NEMA (front)                             |                       |

|                                                          |                                                        |
|----------------------------------------------------------|--------------------------------------------------------|
| • Enclosure Type 4 at the front                          | Yes                                                    |
| <b>Standards, approvals, certificates</b>                |                                                        |
| 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>                                     |                                                        |
| • Local                                                  | Yes                                                    |
| • Remote                                                 | Yes; With Remote Configuration Center (RCC) as of V2.0 |
| <b>Languages</b>                                         |                                                        |
| <b>Online languages</b>                                  |                                                        |
| • Number of online/runtime languages                     | 3; DE, EN, HU                                          |
| <b>Peripherals/Options</b>                               |                                                        |
| Printer                                                  | No                                                     |
| USB memory                                               | Yes; USB storage medium can be connected               |
| Additional software components loadable                  | No                                                     |
| <b>Mechanics/material</b>                                |                                                        |
| <b>Enclosure material (front)</b>                        |                                                        |
| • Aluminum                                               | Yes                                                    |
| <b>Dimensions</b>                                        |                                                        |
| Width of the housing front                               | 560 mm                                                 |
| Height of housing front                                  | 380 mm                                                 |

|                         |        |
|-------------------------|--------|
| Mounting cutout, width  | 542 mm |
| Mounting cutout, height | 362 mm |
| Overall depth           | 75 mm  |

## Weights

|                          |        |
|--------------------------|--------|
| Weight without packaging | 7.1 kg |
| Weight incl. packaging   | 7.8 kg |

**last modified:** 07/01/2020