

SIMATIC ITC2200 V3, industrial thin client, 22" widescreen TFT display, capacitive touch sensor, supported protocols: RDP, VNC, SmartServer HTML5 and others, neutral design, built-in unit



Figure similar

General information	
Product type designation	ITC2200 V3
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in
Display width	476 mm
Display height	267.8 mm
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	1 920 pixel
• Vertical image resolution	1 080 pixel
General features	
• non-reflective and tempered mineral glass screen	Yes
Backlighting	
• MTBF backlighting (at 25 °C)	30 000 h; At 25°C
• Backlight dimmable	Yes; LED, dimmable
Control elements	
Touch operation	
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
Installation type/mounting	
Design	Built-in unit
Front mounting	Yes
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)	1.7 A
Current consumption, max.	2.1 A
Starting current inrush I <sup>2</sup> t	0.5 A <sup>2</sup> ·s
Power	
Active power input, typ.	40.8 W
Interfaces	
Number of industrial Ethernet interfaces	2; 2 ports (switch)

Number of USB interfaces	4; on rear
Connection for keyboard/mouse	USB
<b>Industrial Ethernet</b>	
• Transmission rate, max.	1 000 Mbit/s
<b>Protocols</b>	
<b>Protocols (Ethernet)</b>	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
<b>WEB characteristics</b>	
• HTTP	Yes
• HTTPS	Yes
• HTML	Yes; HTML5
• XML	Yes
• CSS	Yes
• JavaScript	Yes
• Java VM	No
<b>Protocols (terminal link)</b>	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	Yes
• SINUMERIK	No; in preparation
<b>Degree and class of protection</b>	
IP (at the front)	IP65
<b>NEMA (front)</b>	
• Enclosure Type 4x at the front	Yes
• Enclosure Type 12 at the front	Yes
<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes
FM approval	No; in preparation
RCM (formerly C-TICK)	Yes
KC approval	No; in preparation
EAC (formerly Gost-R)	No; in preparation
<b>Use in hazardous areas</b>	
• ATEX Zone 2	Yes
• ATEX Zone 22	Yes
• IECEx Zone 2	Yes
• IECEx Zone 22	Yes
• cULus Class I Zone 2, Division 2	No; in preparation
• FM Class I Division 2	No; in preparation
<b>Marine approval</b>	
• Germanischer Lloyd (GL)	No
• American Bureau of Shipping (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Korean Register of Shipping (KRS)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (Class NK)	No
• Polski Rejestr Statkow (PRS)	No
• Chinese Classification Society (CCS)	No
<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 %; no condensation
<b>Vibrations</b>	
• Vibration load in operation	10 m/s <sup>2</sup>
• Vibration load during transport/storage	10 m/s <sup>2</sup>
<b>Shock testing</b>	
• Shock load during operation	150 m/s <sup>2</sup>
• shock acceleration during storage/transport	150 m/s <sup>2</sup>
<b>Software</b>	
Web browser	Yes; HTML5, CSS
PDF reader	Yes
<b>configuration / header</b>	
<b>Configuration</b>	
• Local	Yes
• Remote	Yes; Via web page
<b>Languages</b>	
<b>Online languages</b>	
• Number of online/runtime languages	2; german / english
<b>Peripherals/Options</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	529 mm
Height of housing front	331 mm
Mounting cutout, width	513 mm
Mounting cutout, height	315 mm
Overall depth	73 mm
<b>Weights</b>	
Weight (without packaging)	7.2 kg

**last modified:** 11/20/2024 