

SIMATIC ITC2200 V3, Industrial Thin Client, 22" widescreen TFT display, capacitive touch sensor, Supported protocols: RDP, VNC, Smart Server, HTML5, etc., standard design, Built-in unit



General information	
Product type designation	ITC2200 V3
Short designation	SIMATIC ITC2200 V3
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	
• Detachable from computer unit	Ethernet direct, 100 m, any network
• 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
- Monitor keyboard

Yes; Projective-capacitive

Yes

Installation type/mounting

Design	Built-in unit
Rack 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	24 V 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
Starting current inrush I ² t	0.5 A ² ·s

Power

Active power input, typ.	41 W
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Interfaces

Number of industrial Ethernet interfaces	2; 2 ports (switch)
Number of USB interfaces	4; on rear
Connection for keyboard/mouse	USB

Industrial Ethernet

- Transmission rate, max.

1 000 Mbit/s

Protocols

Protocols (Ethernet)

- TCP/IP
- DHCP
- DCP
- LLDP

Yes

Yes

Yes

Yes

WEB characteristics

- HTTP
- HTTPS
- HTML
- XML
- CSS
- JavaScript

Yes

Yes

Yes; HTML5

Yes

Yes

Yes

• Java VM	No
Protocols (terminal link)	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	Yes
• SINUMERIK	No; Available soon
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	
• IP20 rear	Yes
• IP65 rear	No
NEMA (front)	
• 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
EAC (formerly Gost-R)	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
• Korean Register of Shipping (KRS)	No
• Lloyds Register of Shipping (LRS)	No; Available soon
• Nippon Kaiji Kyokai (Class NK)	No; Available soon
• Polski Rejestr Statkow (PRS)	No
• Chinese Classification Society (CCS)	No
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.	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 load during transport/storage	150 m/s ²
Software	
Web browser	Yes; HTML5, CSS
PDF reader	Yes
Configuration	
Configuration	
• Local	Yes
• Remote	Yes; Via web page
Languages	
Online languages	
• Number of online/runtime languages	3; german / english
Peripherals/Options	
Printer	No
USB memory	Yes; USB storage medium can be connected
Additional software components loadable	No
Mechanics/material	
Enclosure material (front)	
• Aluminum	Yes
• Glass	Yes
Dimensions	
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
Weights	
Weight without packaging	7.2 kg

last modified:

12/10/2019