

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



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 ² t	0.5 A ² ·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
Industrial Ethernet	
<ul style="list-style-type: none"> • Transmission rate, max. 	1 000 Mbit/s
Protocols	
Protocols (Ethernet)	
<ul style="list-style-type: none"> • TCP/IP 	Yes
<ul style="list-style-type: none"> • DHCP 	Yes
<ul style="list-style-type: none"> • SNMP 	Yes
<ul style="list-style-type: none"> • DCP 	Yes
<ul style="list-style-type: none"> • LLDP 	Yes
WEB characteristics	
<ul style="list-style-type: none"> • HTTP 	Yes
<ul style="list-style-type: none"> • HTTPS 	Yes
<ul style="list-style-type: none"> • HTML 	Yes; HTML5
<ul style="list-style-type: none"> • XML 	Yes
<ul style="list-style-type: none"> • CSS 	Yes
<ul style="list-style-type: none"> • JavaScript 	Yes
<ul style="list-style-type: none"> • Java VM 	No
Protocols (terminal link)	
<ul style="list-style-type: none"> • Sm@rtServer 	Yes
<ul style="list-style-type: none"> • RDP 	Yes
<ul style="list-style-type: none"> • VNC viewer 	Yes
<ul style="list-style-type: none"> • Citrix 	Yes
<ul style="list-style-type: none"> • SINUMERIK 	Yes
Degree and class of protection	
IP (at the front)	IP65
NEMA (front)	
<ul style="list-style-type: none"> • Enclosure Type 4x at the front 	Yes
<ul style="list-style-type: none"> • 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)	No; in preparation
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX Zone 2 	Yes
<ul style="list-style-type: none"> • ATEX Zone 22 	Yes
<ul style="list-style-type: none"> • IECEx Zone 2 	Yes
<ul style="list-style-type: none"> • IECEx Zone 22 	Yes
<ul style="list-style-type: none"> • cULus Class I Zone 2, Division 2 	Yes
<ul style="list-style-type: none"> • FM Class I Division 2 	Yes
Marine approval	
<ul style="list-style-type: none"> • Germanischer Lloyd (GL) 	No
<ul style="list-style-type: none"> • American Bureau of Shipping (ABS) 	No
<ul style="list-style-type: none"> • Bureau Veritas (BV) 	No
<ul style="list-style-type: none"> • Det Norske Veritas (DNV) 	No
<ul style="list-style-type: none"> • Korean Register of Shipping (KRS) 	No
<ul style="list-style-type: none"> • Lloyds Register of Shipping (LRS) 	No
<ul style="list-style-type: none"> • Nippon Kaiji Kyokai (Class NK) 	No
<ul style="list-style-type: none"> • Polski Rejestr Statkow (PRS) 	No
<ul style="list-style-type: none"> • Chinese Classification Society (CCS) 	No
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. 	0 °C
<ul style="list-style-type: none"> • 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 acceleration during storage/transport	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	2; 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	529 mm
Height of housing front	331 mm
Mounting cutout, width	513 mm
Mounting cutout, height	315 mm
mounting depth	73 mm
Weights	
Weight (without packaging)	7.2 kg

	Version	Classification
eClass	14	19-20-01-03
eClass	12	19-20-01-03
eClass	9.1	19-20-01-03
eClass	9	19-20-01-03
eClass	8	27-24-23-01
eClass	7.1	27-24-23-01
eClass	6	27-24-23-01
ETIM	10	EC001414
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)

[Miscellaneous](#)

[China RoHS](#)

General Product Approval For use in hazardous locations



[KC](#)



For use in hazardous locations



[FM](#)

[CCC-Ex](#)

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