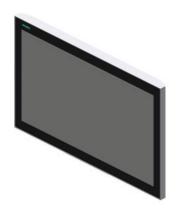
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Data sheet



SIMATIC ITC2200 V3 PRO, Industrial Thin Client, 22" widescreen TFT display, capacitive touch sensor, Supported protocols: RDP, VNC, SMARTSERVER, HTML5, etc., standard design, supporting foot mounting

General information	
Product type designation	ITC2200 V3 PRO
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in; 22"
Display width	475.2 mm
Display height	267.3 mm
Number of colors	16 777 216
Resolution (pixels)	
 Image resolution 	1 920 x 1 080
 Horizontal image resolution 	1 920 pixel
 Vertical image resolution 	1 080 pixel
General features	
 non-reflective and tempered mineral glass screen 	Yes
Detachable from computer unit	100 m
Backlighting	
 Type of backlighting 	LED, dimmable
 MTBF backlighting (at 25 °C) 	30 000 h; At 25°C
Backlight dimmable	Yes
Control elements	
Control elements	multi-touch screen
Touch operation	
 Design as touch screen 	Yes
 Design as multi-touch screen 	Yes; Projective-capacitive
Monitor keyboard	Yes
Installation type/mounting	
Design	Pedestal mounting
Front mounting	No
Support arm mounting	No
Stand mounting	Yes; Prepared for pedestal and extension components
Built-in unit	No
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

0	0.7.10
Starting current inrush I²t	0.5 A ² ·s
Power	
Active power input, typ.	41 W
Power loss	
Power loss, typ.	41 W
Interfaces	
Number of industrial Ethernet interfaces	2; 2 ports (switch)
Number of USB interfaces	4; on rear
USB on the rear	Yes; 2x onboard
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	Vic
• HTTP	Yes
• HTTPS	Yes
• HTML	Yes; HTML5
• XML	Yes
CSS Active X	Yes No
JavaScript	Yes
Java VM	No
Protocols (terminal link)	INO
Sm@rtServer	Yes
• RDP	Yes
VNC viewer	Yes
• Citrix	Yes
SINUMERIK	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
Enclosure Type 4 at the front	Yes
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	No
ATEX Zone 22	No
• IECEx Zone 2	No
• IECEx Zone 22	No
• cULus Class I Zone 2, Division 2	No
FM Class I Division 2	No
Marine approval	
Germanischer Lloyd (GL)	No
American Bureau of Shipping (ABS)	No
Bureau Veritas (BV) CANA	No
 Det Norske Veritas (DNV) 	No

Kanana Daniatan af Ohimaina (KDO)	No
Korean Register of Shipping (KRS) Keyla Register of Shipping (KRS)	
Lloyds Register of Shipping (LRS)	No
Nippon Kaiji Kyokai (Class NK)	No
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.	0° C
Relative humidity	
Operation, max.	90 %; no condensation
Vibrations	
 Vibration load in operation 	10 m/s²
Vibration load during transport/storage	10 m/s²
Shock testing	
 Shock load during operation 	150 m/s²
 shock acceleration during storage/transport 	150 m/s²
Software	
Web browser	Yes; HTML5, CSS
PDF reader	Yes
configuration / header	
Configuration	
• Local	Yes
Remote	Yes; Via web page
Languages	
Online languages	
 Number of online/runtime languages 	2; german / english
Peripherals/Options	
Peripherals/Options USB memory	Yes; USB storage medium can be connected
	Yes; USB storage medium can be connected
USB memory	Yes; USB storage medium can be connected
USB memory Mechanics/material	Yes; USB storage medium can be connected Yes
USB memory Mechanics/material Enclosure material (front)	
USB memory Mechanics/material Enclosure material (front) • Aluminum	
USB memory Mechanics/material Enclosure material (front) • Aluminum Dimensions	Yes
USB memory Mechanics/material Enclosure material (front) • Aluminum Dimensions Width of the housing front	Yes 527 mm
USB memory Mechanics/material Enclosure material (front) • Aluminum Dimensions Width of the housing front Height of housing front	Yes 527 mm 330 mm; Without basic adapter
USB memory Mechanics/material Enclosure material (front) • Aluminum Dimensions Width of the housing front Height of housing front Overall depth	Yes 527 mm 330 mm; Without basic adapter

last modified:

5/22/2024