SIEMENS

Data sheet

6AV6646-1BA22-1AA0

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	
Display		
Design of display	TFT widescreen display, LED backlighting	
Screen diagonal	21.5 in; 22"	
Display width	495.6 mm	
Display height	292.2 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	Built-in unit	
Front mounting	Yes	
Support arm mounting	No	
Stand 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	DC	
Rated value (DC)	24 V	
permissible range, lower limit (DC)	19.2 V	

permitsion range. upper min (bc) 28.8 v Current Consumption (rande value) 1.7 A Starting current insish P 0.5 A* s Power Acker power insish P Acker power insish P 0.5 A* s Acker power insish P 41 W Interfaces 41 W Interfaces 4.0 mean Connection for keyboard/mouse USB s Interfaces 4.0 mean Connection for keyboard/mouse USB s Interfaces 1000 Mbd/s Protocols (Ethemet) * * TOTAmsmoor rate, max. 1000 Mbd/s Protocols (Ethemet) * * OPCP Yes • DDP Yes • DAME Yes • LDP Yes • LDP Yes • SMME Yes • SSME Yes • SSME Yes • CSS Yes • CSS Yes • SMAL Yes • SMAL Yes • SMME/Server Yes <th>n a maio situla anno an linsit (DO)</th> <th>00.01/</th>	n a maio situla anno an linsit (DO)	00.01/
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Number of industrial Element interfaces 2:2 ports (switch) Number of USB interfaces 4: on rear USB on the rear Yes: 2x onboard Connection for keyboardmouse USB Industrial Element 1000 Molt/s Protocols Yes Protocols (themet) Yes • DCCP Yes • DCP Yes • LIDP Yes • LIDP Yes • LIDP Yes • LIDP Yes • HTTP Yes • LIDP Yes • LIDP Yes • SMMP Yes • LOP Yes • LIDP Yes • KRD Yes • SongitServer Yes • ROP Yes • Not viewer Yes • Critix No • SINUMERIK No • SinUMERIK No • Enclosure Type 4 at the front Yes • Enclosure Type 4 at the front Yes • Enclosure	Active power input, typ.	41 W
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Connection for keyboardmouse USB Industrial Ethemat • Transmission rate, max. 1 000 Mbl/s Protocols (Ethemat) • TCP/IP Yes • TCP/IP Yes • SNMP • SNMP Yes • SNMP • LDP Yes • SNMP • LLDP Yes • SNMP • LLDP Yes • SNMP • HTTP Yes • SNMP • HTTP Yes • SNMP • CSS Yes • SNMP • SSGENER Yes • SSGENER • SSGENER Yes • SSGENER • SSGENER Yes • SSGENER • SNUMERIK Yes • SSGENER • SNUMERIK No • SSGENER • SUNUMERIK No • SSGENER • Enclosure Type 4 at the front Yes • Enclosure Type 4	Number of USB interfaces	4; on rear
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Bureau Veritas (BV) No; Available soon		
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 Korean Register of Shipping (KRS) 	No
 Lloyds Register of Shipping (RRS) 	No; Available soon
 Lioyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) 	No; Available soon
 Nippor Raiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) 	No
Chinese Classification Society (CCS)	No
Ambient conditions	INU
Ambient temperature during operation	0°C
• min.	45 °C
max. Ambient temperature during storage/transportation	45 0
min.	-20 °C
• max.	60 °C
Relative humidity	00 C
Operation, max.	90 %; no condensation
Vibrations	
Vibration load in operation	10 m/s²
Vibration load during transport/storage	10 m/s ²
Shock testing	
Shock load during operation	150 m/s²
 shock acceleration during storage/transport 	150 m/s ²
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 	3; 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
Overall depth	73 mm
Weights	
Weight (without packaging)	7.2 kg
last modified:	1/16/2021 🖸