

SIMATIC ITC1500 V3, Industrial Thin Client, 15" widescreen TFT display, capacitive touch sensor, Supported protocols: RDP, VNC, SMARTSERVER HTML5 et. al., Standard Design, panel mount



Figure similar

General information	
Product type designation	ITC1500 V3
Short designation	SIMATIC ITC1500 V3
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	15.6 in
Display width	344.2 mm
Display height	193.5 mm
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	1 366 Pixel
• Vertical image resolution	768 Pixel
General features	
• non-reflective and tempered mineral glass screen	Yes
Backlighting	
• Type of backlighting	LED, dimmable

• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes

Control elements

Touch operation	
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes

Installation type/mounting

Design	Built-in unit
Rack mounting	Yes; With frame
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)	1.4 A
Starting current inrush I ² t	0.5 A ² ·s

Power

Active power input, typ.	34 W
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Power loss

Power loss, typ.	34 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
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Protocols

Protocols (Ethernet)

• TCP/IP	Yes
• DHCP	Yes
• DCP	Yes
• LLDP	Yes

WEB characteristics

• HTTP	Yes
• HTTPS	Yes

• HTML	Yes; HTML5
• XML	Yes
• CSS	Yes
• Active X	No
• JavaScript	Yes
• Java VM	No
Protocols (terminal link)	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	Yes
• SINUMERIK	Yes
Degree and class of protection	
IP (at the front)	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	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. 50 °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/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

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

Dimensions

Width of the housing front 398 mm

Height of housing front 257 mm

Mounting cutout, width 382 mm

Mounting cutout, height 241 mm

Overall depth 73 mm

Weights

Weight without packaging

5 kg

last modified:

05/28/2020