

SIMATIC ITC1900, INDUSTRIAL THIN CLIENT, 19" WIDESCREEN-TFT-DISPLAY, TOUCH OPERATION, SUPPORTED PROTOCOLS: RDP, VNC, SMARTSERVER, WEB



General information

Product type designation	ITC1900
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Display

Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in
Display width	409.8 mm
Display height	230.4 mm
Number of colors	16 777 216

Resolution (pixels)

• Horizontal image resolution	1 366 Pixel
• Vertical image resolution	768 Pixel

Backlighting

• Type of backlighting	LED, dimmable
• Backlight dimmable	Yes; 5-100 %

Control elements

Touch operation

• Design as touch screen	Yes
• Monitor keyboard	Yes

Installation type/mounting	
Built-in unit	Yes
Supply voltage	
Type of supply voltage	24 V DC
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	1.3 A
Starting current inrush I ² t	0.5 A ² ·s
Interfaces	
Number of industrial Ethernet interfaces	1
Number of USB interfaces	2; on rear
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	
• HTTP	Yes
• HTML	Yes; HTML5
• XML	Yes
• CSS	Yes
• JavaScript	Yes
Protocols (terminal link)	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	No
• SINUMERIK	Yes
Degree and class of protection	
IP (at the front)	IP65
IP20 rear	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes

RCM (formerly C-TICK)	Yes
KC approval	Yes
Use in hazardous areas	
<ul style="list-style-type: none"> • cULus Class I Zone 1 	No
<ul style="list-style-type: none"> • cULus Class I Zone 2, Division 2 	Yes; Available soon
<ul style="list-style-type: none"> • FM Class I Division 2 	Yes; Available soon
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	
<ul style="list-style-type: none"> • min. 	-20 °C
<ul style="list-style-type: none"> • max. 	60 °C
Relative humidity	
<ul style="list-style-type: none"> • Operation, max. 	90 %
Software	
Web browser	Yes
PDF reader	Yes
Configuration	
Configuration	
<ul style="list-style-type: none"> • Local 	Yes
<ul style="list-style-type: none"> • Remote 	Yes; With Remote Configuration Center (RCC) as of V2.0
Languages	
Online languages	
<ul style="list-style-type: none"> • Number of online/runtime languages 	2; german / english
Peripherals/Options	
Peripherals	
<ul style="list-style-type: none"> • Printer 	No
<ul style="list-style-type: none"> • USB memory 	Yes; USB storage medium can be connected
Additional software components loadable	No
Mechanics/material	
Enclosure material (front)	
<ul style="list-style-type: none"> • Aluminum 	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	337 mm
Mounting cutout, width	465 mm
Mounting cutout, height	319 mm
Overall depth	75 mm

Weights

Weight without packaging	6.5 kg
Weight incl. packaging	7.1 kg

last modified: 11/28/2017