

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



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 <sup>2</sup> t	0.5 A <sup>2</sup> ·s

Interfaces	
Number of industrial Ethernet interfaces	1
USB on the rear	2
USB at the front	0
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

Protocols	
PROFINET IO Device	
Services	
— PROFINergy	No

Degree and class of protection	
IP65 at front	Yes
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"> <li>• cULus Class I Zone 1</li> </ul>	No
<ul style="list-style-type: none"> <li>• cULus Class I Zone 2, Division 2</li> </ul>	Yes; Available soon
<ul style="list-style-type: none"> <li>• FM Class I Division 2</li> </ul>	Yes; Available soon
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	0 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	45 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	-20 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	60 °C
Relative humidity	
<ul style="list-style-type: none"> <li>• Operation, max.</li> </ul>	90 %
Software	
Web browser	Yes
PDF reader	Yes
Configuration	
Configuration	
<ul style="list-style-type: none"> <li>• On-board</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Remote administration</li> </ul>	Yes; With Remote Configuration Center (RCC) as of V2.0
Languages	
Online languages	
<ul style="list-style-type: none"> <li>• German</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• English</li> </ul>	Yes
Peripherals/Options	
Peripherals	
<ul style="list-style-type: none"> <li>• USB memory</li> </ul>	Yes; USB storage medium can be connected
Mechanics/material	
Enclosure material (front)	
<ul style="list-style-type: none"> <li>• Aluminum</li> </ul>	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
<b>Weights</b>	
Weight without packaging	6.5 kg
Weight incl. packaging	7.1 kg
<b>last modified:</b>	08/13/2016