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Data sheet 6AV6646-1AC22-0AX0

SIMATIC ITC 1900, Industrial Thin Client, 19" widescreen TFT display, Touch operation, Supported protocols: RDP, VNC, SMARTSERVER, Web



General information	
Product type designation	ITC1900
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	
Control elements	Touch screen
Touch operation	
• Design as touch screen	Yes

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• Monitor keyboard	Yes

Installation type/mounting	
Rack mounting	No
Support arm mounting	No
Stand mounting	No
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 I²t	0.5 A²·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	No

Degree and class of protection	
IP (at the front)	IP65

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IP (rear)	IP20

Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Use in hazardous areas	
• cULus Class I Zone 1	No
• cULus Class I Zone 2, Division 2	Yes; Available soon
• FM Class I Division 2	Yes; Available soon

Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	90 %

Software	
Web browser	Yes
PDF reader	Yes

Configuration	
Configuration	
• Local	Yes
• Remote	Yes; With Remote Configuration Center (RCC) as of V2.0

Languages	
Online languages	
• Number of online/runtime languages	2; 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	483 mm
Height of housing front	337 mm

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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

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