

SIEMENS

Product data sheet

6AV6646-0AA21-2AX0

SIMATIC THIN CLIENT (HARDWARE) 10" TOUCH,
THIN CLIENT, 10" TFT DISPLAY,
64K COLORS, CLIENT: SMARTACCESS, RDP,
WEB



General information

Customer-specific configuration No

Display

Design of display	TFT
Screen diagonal	10.4 in
Size	10.4"
Display type	TFT, 65536 colors
Color type	Colors

Resolution (pixels)

Horizontal image resolution	640
Vertical image resolution	480
Resolution (WxH in pixel)	640 x 480

Backlighting

MTBF backlighting (at 25 °C)	about 50000 hours
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Control elements

Control elements	Touch screen
Operating mode	
Operating options	Touch
Connection for mouse/keyboard/barcode reader	USB / USB
Keyboard fonts	
Keys with LED	No
Touch operation	
Touch screen	Analog, resistive
Touch screen (analog/resistive)	Yes
Supply voltage	
Supply voltage	24 V DC
Input current	
Inrush current A ² s	1 A ² s
Processor	
Processor	ARM, 266 MHz
Processor type	ARM
Memory	
Type	Flash / RAM
Usable memory for user data	No info
Interfaces	
Interfaces	1 x Ethernet (RJ45)
USB port	1 x USB
Industrial Ethernet	
Industrial Ethernet interface	1 x Ethernet (RJ45)
Industrial Ethernet status LED	2
Protocols	
Protocols (Ethernet)	
TCP/IP	Yes
WEB characteristics	
HTTP	Yes
HTML	Yes
XML	Yes
CSS	Yes

Java Script	Yes
Protocols (terminal link)	
Sm@rtServer	Yes
RDP	Yes
EMC	
Emission of radio interference acc. to EN 55 011	
Emission of radio interferences acc. to EN 55 011 (limit class A)	Yes ; EN 61000-6-4, interference emission: Intended for use in industrial areas.
Degree and class of protection	
Front	IP54, NEMA 12, (when installed)
Type of protection	IP20
IP (at the front)	IP54
NEMA	NEMA 12
Rear	IP20
Standards, approvals, certificates	
Certifications	CE, cULus, C-TICK, NEMA 12 (when installed: IP54, enclosure type 12; optional IP65, enclosure type 4X/type 12 (6AV6671-6AP00-0AX0))
EMC	The product is designed for use in industrial environments. When used in residential areas, the emission of radio interference according to limit class B of EN 55011 must be ensured. For further information please refer to the user documentation.
Suitable for safety functions	No
Ambient conditions	
maximum permissible angle of inclination without external ventilation	+/- 35 °
Storage/transport temperature	
Transport, storage	-20 °C to +60 °C
Relative humidity	
max. relative humidity	85 % ; (Storage)
Dimensions	
Mounting cutout/device depth (W x H / D)	309x247x65
Front of enclosure (W x H)	325 mm x 263 mm
Weight	

Weight	2.2 kg
Status	Jul 17, 2012