## SIEMENS

## Data sheet

## 6AV2144-8MC10-0AA0



SIMATIC HMI TP1200 Comfort INOX Stainless steel front, Con- tinuous decorative film, Degree of protection front IP66K, 12" widescreen TFT display, PROFINET interface, MPI/PROFIBUS DP interface, 12 MB configuration memory, Windows CE 6.0, (Microsoft Support included Security updates discontinued) configurable from WinCC Comfort V11

General information	
Product type designation	TP1200 Comfort INOX
Display	
Design of display	TFT
Screen diagonal	12.1 in
Display width	261.1 mm
Display height	163.2 mm
Number of colors	16 777 216
Resolution (pixels)	
<ul> <li>Horizontal image resolution</li> </ul>	1 280 pixel
<ul> <li>Vertical image resolution</li> </ul>	800 pixel
Backlighting	
<ul> <li>MTBF backlighting (at 25 °C)</li> </ul>	80 000 h
Backlight dimmable	Yes; 0-100 %
Control elements	
Keyboard fonts	
<ul> <li>Function keys</li> </ul>	
<ul> <li>— Number of function keys</li> </ul>	0
<ul> <li>— Number of function keys with LEDs</li> </ul>	0
<ul> <li>Keys with LED</li> </ul>	No
System keys	No
<ul> <li>Numeric keyboard</li> </ul>	Yes; Onscreen keyboard
<ul> <li>alphanumeric keyboard</li> </ul>	Yes; Onscreen keyboard
Touch operation	
Design as touch screen	Yes
Expansions for operator control of the process	
<ul> <li>DP direct LEDs (LEDs as S7 output I/O)</li> </ul>	
— F1Fx	0
<ul> <li>Direct keys (keys as S7 input I/O)</li> </ul>	
— F1Fx	0
<ul> <li>Direct keys (touch buttons as S7 input I/O)</li> </ul>	40
Installation type/mounting	
Mounting position	vertical
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
maximum permissible angle of inclination without external ventilation	35°
Supply voltage	
Type of supply voltage	DC

Pated value (DC)	24.1/
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	0.05 A
Current consumption (rated value)	0.85 A
Starting current inrush I <sup>2</sup> t	0.5 A <sup>2</sup> ·s
Power	
Active power input, typ.	20 W
Processor	
Processor type	X86
Memory	
Flash	Yes
RAM	Yes
Memory available for user data	12 Mbyte
Type of output	
Info LED	No
Power LED	No
Error LED	No
Acoustics	
• Buzzer	No
Speaker	Yes
Time of day	
Clock	
Hardware clock (real-time)	Yes
Software clock	Yes
• retentive	Yes; Back-up duration typically 6 weeks
synchronizable	Yes
Interfaces	
Number of industrial Ethernet interfaces	1; 2 ports (switch)
Number of RS 485 interfaces	1; RS 422 / 485 combined
Number of RS 422 interfaces	0; together with RS 485
Number of RS 422 interfaces Number of RS 232 interfaces	0; together with RS 485 0
Number of RS 422 interfaces Number of RS 232 interfaces Number of USB interfaces	0; together with RS 485 0 2; USB 2.0
Number of RS 422 interfaces Number of RS 232 interfaces Number of USB interfaces • USB Mini B	0; together with RS 485 0 2; USB 2.0 1; 5-pole
Number of RS 422 interfaces Number of RS 232 interfaces Number of USB interfaces • USB Mini B Number of 20 mA interfaces (TTY)	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 2 2
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 2 2 No 2
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 2
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 2 No 2 2 2 2 Yes
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 2 2 2 Yes Yes
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 2 2 2 Yes Yes Yes; As of WinCC V12
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces (TTY)         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 Yes Yes Yes Yes S Yes Y
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 2 2 Yes Yes Yes Yes Yes, As of WinCC V12 Yes Yes
Number of RS 422 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 Yes Yes Yes Yes S Yes Y
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 Yes Yes Yes Yes Yes Yes Yes Yes
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 2 2 Yes Yes Yes Yes Yes Yes Yes Yes
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP         • DHCP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 0 2 No 2 2 2 2 2 Yes Yes Yes Yes Yes Yes Yes Yes
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP         • DHCP         • SNMP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 0 2 No 2 2 2 2 2 2 4 Yes Yes Yes Yes Yes Yes Yes Yes
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP         • DHCP         • SNMP         • DCP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 0 2 No 2 2 2 2 2 2 2 2 2 2 2 2 2
Number of RS 422 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP         • DCP         • SNMP         • DCP         • LLDP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 0 2 No 2 2 2 2 2 2 4 Yes Yes Yes Yes Yes Yes Yes Yes
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP         • DHCP         • SNMP         • DCP         • LLDP         WEB characteristics	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 2 No 2 2 2 2 2 4 Yes Yes Yes Yes Yes Yes Yes Yes
Number of RS 422 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP         • DCP         • SNMP         • DCP         • LLDP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 0 2 No 2 2 2 2 2 2 2 2 2 2 2 2 2
Number of RS 422 interfaces         Number of RS 232 interfaces         Number of USB interfaces         • USB Mini B         Number of 20 mA interfaces (TTY)         Number of parallel interfaces         Number of other interfaces         Number of SD card slots         With software interfaces         Industrial Ethernet         • Industrial Ethernet         • Industrial Ethernet status LED         • Number of ports of the integrated switch         Protocols         PROFINET         Supports protocol for PROFINET IO         IRT         PROFIBUS         EtherNet/IP         MPI         Protocols (Ethernet)         • TCP/IP         • DHCP         • SNMP         • DCP         • LLDP         WEB characteristics         • HTTP	0; together with RS 485 0 2; USB 2.0 1; 5-pole 0 0 0 0 2 No 2 Yes Yes Yes Yes Yes Yes Yes Yes

• XML	Yes
• CSS	Yes
Active X	Yes
JavaScript	Yes
• Java VM	No
Redundancy mode	
Media redundancy	
— MRP	Yes; As of WinCC V12
Further protocols	
• CAN	No
MODBUS	Yes
EMC	
Emission of radio interference acc. to EN 55 011	
<ul> <li>Limit class A, for use in industrial areas</li> </ul>	Yes
<ul> <li>Limit class B, for use in residential areas</li> </ul>	No
Degree and class of protection	
IP (at the front)	IP66K
IP (rear)	IP20
NEMA (front)	
Enclosure Type 4 at the front	No
Enclosure Type 4x at the front	Yes; indoor use only
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 1	No
• cULus Class I Zone 2, Division 2	Yes
FM Class I Division 2	Yes
Marine approval	
Germanischer Lloyd (GL)	No
American Bureau of Shipping (ABS)	No
• Bureau Veritas (BV)	No
Det Norske Veritas (DNV)	No
Korean Register of Shipping (KRS)	No
Lloyds Register of Shipping (LRS)	No
<ul> <li>Nippon Kaiji Kyokai (Class NK)</li> </ul>	No
Polski Rejestr Statkow (PRS)	No
Ambient conditions	
Ambient temperature during operation	
Operation (vertical installation)	
— For vertical installation, min.	0°C
— For vertical installation, max.	50 °C
Operation (max. tilt angle)	
— At maximum tilt angle, min.	0°C
— At maximum tilt angle, max.	40 °C
Operation (vertical installation, portrait format)	
— For vertical installation, min.	0 °C
— For vertical installation, max.	40 °C
Operation (max. tilt angle, portrait format)	
— At maximum tilt angle, min.	0 °C
— At maximum tilt angle, max.	35 °C

Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	0° C
Relative humidity	
Operation, max.	80 %; no condensation
Operating systems	
proprietary	No
pre-installed operating system	
Windows CE	Yes
configuration / header	
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	Yes
Process value display (output)	Yes
Process value default (input) possible	Yes
Recipe management	Yes
Configuration software	
<ul> <li>STEP 7 Basic (TIA Portal)</li> </ul>	No
<ul> <li>STEP 7 Professional (TIA Portal)</li> </ul>	No
WinCC flexible Compact	No
WinCC flexible Standard	No
WinCC flexible Advanced	No
WinCC Basic (TIA Portal)	No
WinCC Comfort (TIA Portal)	Yes; from V11
<ul> <li>WinCC Advanced (TIA Portal)</li> </ul>	Yes; from V11
<ul> <li>WinCC Professional (TIA Portal)</li> </ul>	Yes; from V11
Languages	
Online languages	
<ul> <li>Number of online/runtime languages</li> </ul>	32
Project languages	
<ul> <li>Languages per project</li> </ul>	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Applications/options	
Web browser	Yes
Pocket Word	Yes
Pocket Excel	Yes
PDF Viewer	Yes
Media Player	Yes
<ul> <li>SIMATIC WinCC Sm@rtServer</li> </ul>	Yes
SIMATIC WinCC Audit	Yes
Number of Visual Basic Scripts	Yes
Task planner	
• time-controlled	Yes
task-controlled	Yes
Message system	
Number of alarm classes	32
Bit messages	4.000
— Number of bit messages	4 000
Analog messages	200
— Number of analog messages	200
S7 alarm number procedure	Yes
System messages HMI     System event, more (SIMATIC S7, SINIUMER)K	Yes
<ul> <li>System event, more (SIMATIC S7, SINUMERIK, SIMOTION, )</li> </ul>	Yes
Number of characters per message	80
Number of process values per message	8
Acknowledgment groups	Yes
	Yes
Message indicator	Yes
	Yes 300

Data records per regine	500
Data records per recipe     Entrice per data record	1 000
Entries per data record	
<ul><li>Size of internal recipe memory</li><li>Recipe memory expandable</li></ul>	2 Mbyte Yes
Variables	
Number of variables per device	2 048
Number of variables per screen	400
Limit values	Yes
Multiplexing	Yes
Structures	Yes
Arrays	Yes
Images	
Number of configurable images	500
<ul> <li>Permanent window/default</li> </ul>	Yes
Global image	Yes
Pop-up images	Yes
Slide-in images	Yes
<ul> <li>Image selection by PLC</li> </ul>	Yes
Image number in the PLC	Yes
Image objects	
<ul> <li>Number of objects per image</li> </ul>	400
Text fields	Yes
<ul> <li>I/O fields</li> </ul>	Yes
<ul> <li>Graphic I/O fields (graphics list)</li> </ul>	Yes
<ul> <li>Symbolic I/O fields (text list)</li> </ul>	Yes
Date/time fields	Yes
• Switches	Yes
Buttons	Yes
Graphic display	Yes
• Icons	Yes
Geometric objects	Yes
Complex image objects     Number of complex objects per screen	20
Alarm view	Yes
Trend view	Yes
User view	Yes
Status/control	Yes
<ul> <li>Sm@rtClient view</li> </ul>	Yes
Recipe view	Yes
• f(x) trend view	Yes
<ul> <li>System diagnostics view</li> </ul>	Yes
Media Player	Yes
HTML browser	Yes
PDF display	Yes
<ul> <li>IP camera display</li> </ul>	Yes
• Bar graphs	Yes
Sliders	Yes
Pointer instruments	Yes
Analog/digital clock	Yes
Lists	
Number of text lists per project	500
Number of entries per text list	500
Number of graphics lists per project	500
Number of entries per graphics list	500
Archiving	50
Number of archives per device	50
Number of entries per archive     Message archive	20 000 Yes
<ul> <li>Message archive</li> <li>Process value archive</li> </ul>	Yes
Archiving methods	

Sequential archive	Yes
— Sequential archive	
— Short-term archive	Yes
Memory location	Vee
— Memory card	Yes
— USB memory	Yes
— Ethernet	Yes
Data storage format	Vee
- CSV	Yes
— TXT	Yes
— RDB Security	Yes
	50
Number of user groups	32
<ul> <li>Number of user rights</li> <li>Number of users</li> </ul>	50
	Yes
Password export/import	Yes
SIMATIC Logon	Yes
Logging through printer	Vee
Alarms     Penert (chift log)	Yes
Report (shift log)	Yes
Hardcopy     Electronic print to file	
Electronic print to file	Yes; PDF, HTML
Character sets	
Keyboard fonts	Yes
— US English	Tes
Transfer (upload/download)	Vee
MPI/PROFIBUS DP	Yes
• USB	Yes
• Ethernet	Yes
using external storage medium	Yes
Process coupling	Vee
<ul> <li>S7-1200</li> <li>S7-1500</li> </ul>	Yes
	Yes
<ul> <li>S7-200</li> <li>S7-300/400</li> </ul>	Yes
	Yes
<ul><li>LOGO!</li><li>WinAC</li></ul>	Yes
<ul><li>SINUMERIK</li><li>SIMOTION</li></ul>	Yes; with SINUMERIK option package Yes
	Yes
<ul> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> </ul>	Yes
	Yes
Mitsubishi (MC TCP/IP)	
<ul><li>Mitsubishi (FX)</li><li>OMRON (FINS TCP)</li></ul>	Yes No
	Yes
OMRON (LINK/Multilink)     Modicon (Modbus TCP/IP)	Yes
Modicon (Modbus TCP/IP)     Modicon (Modbus)	Yes
Modicon (Modbus)	Yes
OPC UA Client     OPC UA Server	Yes
Service tools/configuration aids	Tes
	Voo
<ul><li>Backup/Restore manually</li><li>Backup/Restore automatically</li></ul>	Yes
Simulation	Yes
Device switchover	Yes
Peripherals/Options	
Printer	Yes
SIMATIC HMI MM memory card: Multi Media Card	Yes; Up to 128 MB
SIMATIC HMI SD memory card: Secure Digital memory card	Yes; Up to 2 GB
SIMATIC HMI CF memory card Compact Flash Card	No
USB memory	Yes
cos monory	

SIMATIC IPC USB Flashdrive (USB stick)	Yes; Up to 16 GB
SIMATIC HMI USB stick	Yes; Up to 8 GB
Network camera	Yes
Mechanics/material	
Enclosure material (front)	
Plastic	No
Aluminum	No
Stainless steel	Yes
Dimensions	
Width of the housing front	330 mm
Height of housing front	241 mm
Mounting cutout, width	310 mm
Mounting cutout, height	221 mm
Overall depth	67 mm
Weights	
Weight (without packaging)	3.6 kg
Weight (with packaging)	4.2 kg

last modified:

3/2/2021 🖸

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