Frontless HMI cMT-SVR-100

- Supports displays such as the cMTiV5 or tablet PCs
- Compact design and DIN rail mounting
- Fanless cooling system
- Integrated 256 MB flash memory
- SD card slot for memory expansion
- USB host port
- 2x Gigabit Ethernet port
- e-mail
- MPI 187.5 K (via RS485)

https://www.wachendorff-prozesstechnik.de/en/cMT-SVR-100

Description

With Weintek's frontless HMI cMT-SVR-100, the architecture of the classic operating device is split into a display unit and a communication unit. The display is shown using an app via WLAN on an iPad, Android tablets (ARM or x86), or wired (GB Ethernet) on a cMT-iV5/6 display and/or panel PCs (Windows) such as the cMT-IPC10/15. The connection via WLAN enables a large radius of movement. Thanks to the division of display and communication with the controller, the performance increases considerably, as the cMT-SVR-100 does not have to process any image data, as this is done by an iPad or cMT-iV5/6. With its serial interfaces and integrated MPI interface, the cMT-SVR-100 is the ideal solution for mobile and brilliant visualizations. The cMT-SVR-100 from Weintek fulfils all the characteristics of a classic operating device, with mobile operation via up to 3 iPads and/or several wired cMT-iV5s.
The very compact, fanless cMT-SVR-100 with a wide temperature range fits into any control cabinet and communicates with existing infrastructure.
The 32-bit Cortex A8 processor with a clock rate of 600 MHz ensures very fast data processing.
Thanks to the integrated battery-buffered real-time clock, secure data storage with a reliable time stamp is possible.

Product details

Resolution:	1024 x 748 or 1004 x 768 (portrait format)
RAM:	256 MB
Flash:	256 MB
Processor:	Cortex A8, 600 MHz
SD card slot:	SD / SDHC
Housing:	Plastic
USB interface	1x USB host 2.0
Ethernet interface:	10/100/1000 Base-Tx2
COM interface:	COM1: RS232 COM2: RS485 2-/4-wire COM3: RS485 2-wire.
Real-time clock (RTC):	integrated
Supply voltage:	Input voltage: 24 VDC +- 20 % Voltage isolation: integrated Current consumption: 230 mA at 24 VDC Dielectric strength: 500 VAC (1 min) Insulation resistance: 50MOhm at 500 VDC
Vibration resistance:	10 to 25 Hz (X-, Y-, Z-direction, 2G for 30 min.)

Specifications:	PCB circuit board coating: Coated circuit board is protected against corrosion and ensures high reliability. Housing: Robust plastic housing Weight: 180 g Mounting: 35 mm DIN top-hat rail
Dimensions:	(WxHxD): 130 mm x 115 mm x 27 mm
Ambient conditions:	Protection class: IP20 Storage temperature: -20°C to 70°C Operating temperature: -20°C to 55°C Relative humidity: 10% to 90% (without condensation)
Certificates:	CE cULus
Software:	EasyBuilder Pro V4.00.01 or higher cMT Viewer: - iPad(iOS) available (free of charge) in the Apple App Store - Android available (free of charge) in the Google Play Store
Customs tariff number:	90328900
Manufacturer:	Weintek Labs, Inc

Products Order no.

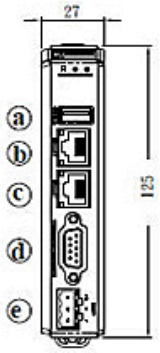
cMT-SVR-100	Frontless HMI

Accessories Order no.

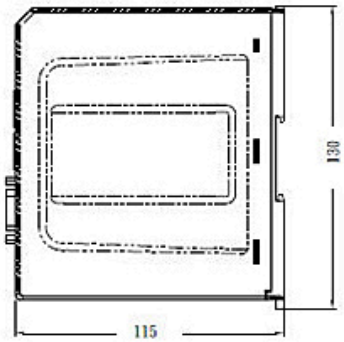
cMT-IV6	9.7" touch panel for HMI server
WLANAP0C	WLAN Access Point Compact IEEE802.11 g/b Screw-on Demo Whip antenna 2 dBi included in the scope of delivery
ETHSW600	6-way Ethernet switch, unmanaged
ETHSWG8C1	8-port Ethernet switch, Gigabit, unmanaged
DRS4-24A	Power supply unit for top-hat rail, 85 to 264 VAC, 24 VDC 4.2 A, screw terminal

Drawings

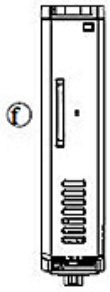
Dimensions



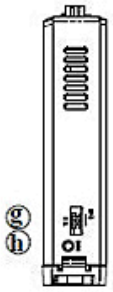
Frontansicht



Seitenansicht



Draufsicht



Ansicht von unten

(Abmessungen in mm)

a	USB Host Port	e	Anschluss Versorgungsspannung
b	Ethernet 2 Port	f	SD-Karten Einschub
c	Ethernet 1 Port	g	DIP Switch
d	COM1: RS-232, COM2: RS-485 2W/4W, COM3: RS-485 2W	h	Reset

WACHENDORFF
Prozesstechnik GmbH & Co. KG

Wachendorff Prozesstechnik GmbH & Co. KG
Industriestrasse 7 • 65366 Geisenheim
Germany

Phone: +49 (0) 67 22 / 99 65 - 20
E-Mail: wp@wachendorff.de
www.wachendorff-prozesstechnik.de