

Smart HMI Server WBGcMTSVR100



- Supports displays such as the WBGcMTiV5 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/WBGcMTSVR100>

Description

The WBGcMTSVR100 from Weintek splits the architecture of the classic operating device 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 WBGcMTiV56 display and/or panel PCs (Windows) such as the WBGcMTiPC10/15. 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 WBGcMTSVR100 does not have to process any image data, as this is done by an iPad or WBGcMTiV5. With its serial interfaces and integrated MPI interface, the WBGcMTSVR100 is the ideal solution for mobile and brilliant visualizations. The WBGcMTSVR100 from Weintek fulfils all the characteristics of a classic operating device, with mobile operation via up to 3 iPads and / or several wired WBGcMTiV5.

The very compact, fanless WBGcMTSVR100 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.

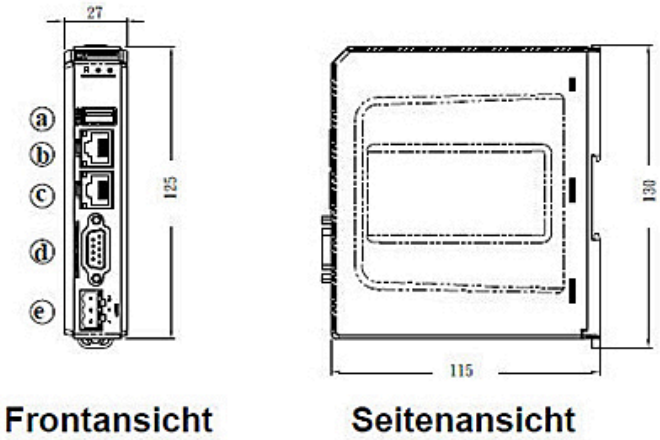
Specifications:	PCB circuit board coating: Coated circuit board is protected against corrosion and ensures high reliability. Housing: Robust plastic housing Weight: 180 g Mounting: 35 mm DIN rail
Dimensions:	(WxHxD): 130 mm x 115 mm x 27 mm
Ambient conditions:	Protection class: IP20 Storage temperature: -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
Manufacturer:	Weintek Labs, Inc

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: 50MΩ at 500 VDC
Vibration resistance:	10 to 25 Hz (X-, Y-, Z-direction, 2G for 30 min.)

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



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