IIoT Gateway, cMT-G02 | WiFi

- Remote access to PLCs via EasyAccess 2.0
- Supports Wi-Fi standard 802.11b/g/n
- OPC UA (client/server)
- MQTT
- Modbus TCP/IP gateway
- MPI 187.5 K
- Compact design and DIN rail mounting
- Fanless cooling system
- Integrated 256 MB flash memory
- Galvanic isolation of the input voltage from the system voltage
- Wide input voltage range from 10.5 VDC to 28 VDC

https://www.wachendorff-prozesstechnik.de/cMT-G02

Description

Connect IT and OT systems with each other: These gateways support various industrial protocols and offer a user-friendly GUI for quick configuration. They are a cost-effective solution for IIoT applications and serve as a communication bridge for older machines. They can also be seamlessly integrated into major cloud platforms. The gateways are characterized by compact design, web configuration, SSL/TLS encryption and event/alarm notifications. Various models are available to meet specific requirements and comply with industry standards for communication protocols.

Product details

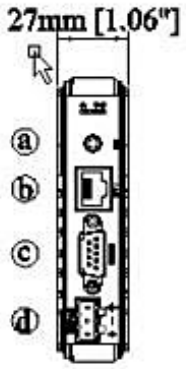
Memory:	Flash: 256 MB RAM: 256 MB
Processor:	32 bit RISC Cortex-A8, 600 MHz
Interfaces:	Ethernet: 10/100/1000 Base-Tx 1 WiFi: IEEE 802.11 b/g/n 802.11b: max. 15.88 dBm 802.11g: max. 11.92 dBm 802.11n: max. 11.28 dBm COM port: COM1: RS232 2-wire COM2: RS485 2-/4-wire COM3: RS485 2-wire
Real-time clock (RTC):	integrated
Supply voltage:	Input voltage: 10.5 VDC to 28 VDC Voltage isolation: integrated Current consumption: 230 mA at 12 VDC, 115 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.)
Ambient conditions:	Protection class: IP20 Storage temperature: -20°C to 60°C (-4°F to 140°F) Operating temperature: 0°C to 50°C (32°F to 122°F) Relative humidity: 10% to 90% (non-condensing)
Specifications:	PCB circuit board coating: Coated circuit board is protected against corrosion and ensures high reliability. Housing: Plastic Dimensions (LxHxW): 109 mm x 81 mm x 27 mm Weight: approx. 140 g Mounting: 35 mm DIN top-hat rail
Certificates:	CE cULus
Software:	EasyBuilder Pro V6.00.01 or later versions EasyAccess 2.0 license optional
Customs tariff number:	90328900
Manufacturer:	Weintek Labs, Inc

Products Order no.

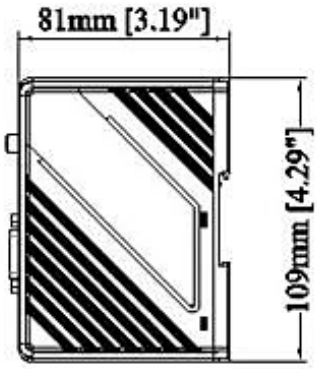
cMT-G02	IIoT gateway with WiFi

Drawings

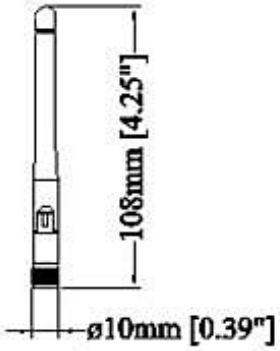
Dimensions



Frontansicht

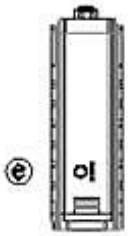


Seitenansicht

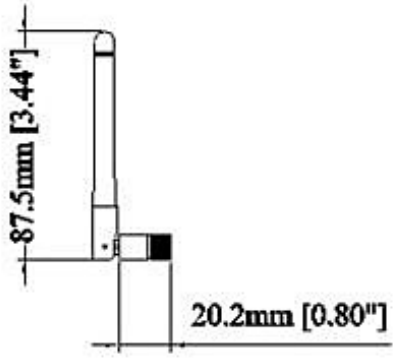


Antenne

Draufsicht



Ansicht von unten



a. WiFi
b. Ethernet Port 1 (10M/100M)
COM1: RS-232 2-Draht
c. COM2: RS-485 2-/4-Draht
COM3: RS-485 2-Draht
d. Anschluss Spanungsversorgung
e. Reset Taster

Male, 9 Pin, D-sub

PIN#	COM1 [RS232]	COM2 [RS485]		COM3 [RS485]
		2W	4W	
1				Data+
2	RxD			
3	TxD			
4				Data-
5			GND	
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9			Tx-	

Drawings

Step file

Step file as .rar
cMTG02.rar

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