IIoT Communication Bridge, cMT-G04 | Ethernet ports

- Integrated Ethernet switch
- Supports OPC UA and MQTT
- Supports MODBUS TCP/IP gateway
- Compact design and DIN rail mounting
- Fanless cooling system
- Built-in 256 MB flash memory

https://www.wachendorff-prozesstechnik.de/en/cMT-G04

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, 528 MHz
Interfaces:	Ethernet: LAN:10/100 Base-T x1 SW1, SW2:10/100 Base-T x1 (2 port Ethernet switch)
Real-time clock (RTC):	integrated
Supply voltage:	Input voltage: 10.5 VDC to 28 VDC Voltage isolation: integrated Current consumption: 270mA@12VDC; 150mA@24VDC 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

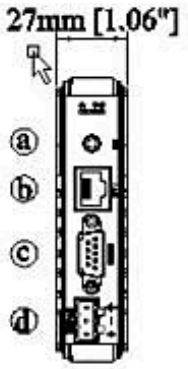
Certificates:	CE cULus
Software:	EasyBuilder Pro V6.00.02 or later versions EasyAccess 2.0 license optional
Customs tariff number:	90328900
Manufacturer:	Weintek Labs, Inc

Products Order no.

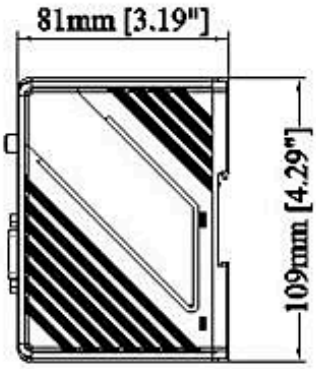
cMT-G04	IIot Communication Bridge

Drawings

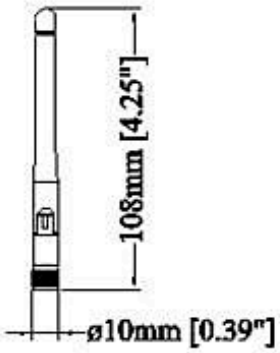
Dimensions



Frontansicht

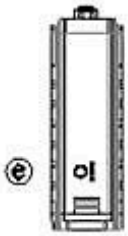


Seitenansicht

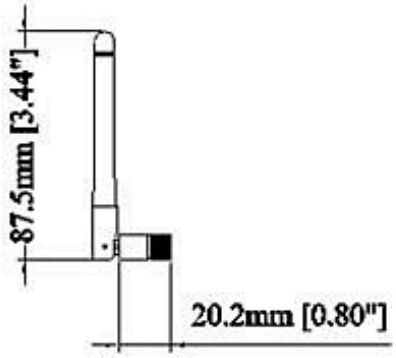


Antenne

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

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