

IloT Communication Bridge, cMT-G03 | COM ports



- No modification of PLC and HMI projects
- Transparent (pass-through) between COM1 and COM2
- 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-G03>

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 IloT 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.

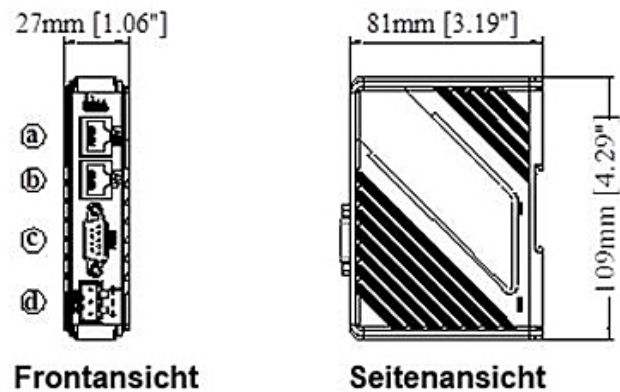
Product details

Memory:	Flash: 256 MB RAM: 256 MB
Processor:	32 bit RISC Cortex-A8, 528 MHz
Interfaces:	Ethernet (LAN1): 10/100 Base-Tx 1 COM port: COM1: RS232 2-wire, RS485 2-/4-wire COM2: RS232 2-wire, RS485 2-/4-wire
Real-time clock (RTC):	integrated
Supply voltage:	Input voltage: 10.5~28VDC Voltage isolation: integrated Current consumption: 300mA@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 rail
Certificates:	CE cULus

Software:	EasyBuilder Pro V6.01.02 or later versions EasyAccess 2.0 license optional
Customs tariff number:	90328900
Manufacturer:	Weintek Labs, Inc

Drawings

Dimensions



- a. Ethernet Port 2 (10M/100M)
- b. Ethernet Port 1 (10M/100M/1G)
COM1: RS-232 2-Draht
- c. COM2: RS-485 2-/4-Draht
COM3: RS-485 2-Draht
- d. Anschluss Spannungsversorgung
- 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

cMTG01.rar



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