## IIoT Gateway with Serial Bridge

Features

- IIoT Gateway with serial bridge can upgrade your existing serial-based controller and touch panel without the need for modifying 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 Mountable
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- Built-in Power Isolator
- Wide input voltage range: 10.5~28VDC

cMT-G03

OPC UA
MQTT
Modbus

Data Sampling   Event Log

Memory	Flash	256 MB
	RAM	256 MB
Processor		Single-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	N/A
	USB Client	N/A
	Ethernet	10/100 Base-T x 1
	COM Port	COM1: RS-232 2W, RS-485 2W/4W COM2: RS-232 2W, RS-485 2W/4W
RTC		Built-in
Power	Input Power	10.5~28VDC
	Power Isolation	Built-in
	Power Consumption	300mA@12VDC;150mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions	27 x 109 x 81 mm
	Weight	Approx. 0.14 kg
	Mount	35 mm DIN rail mounting
Environment	Protection Structure	IP20
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude (Air Pressure)	Below 3,000 meters (70.1kPa)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.01.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional)

Dimensions

27mm [1.06"]

ⓐ
ⓑ
ⓒ

Front View

81mm [3.19"]

109mm [4.29"]
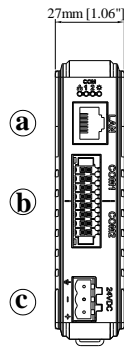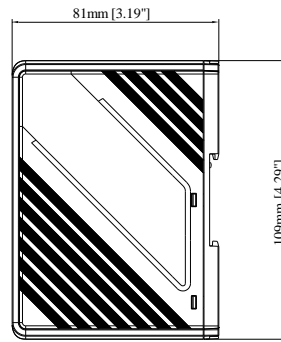
Side View
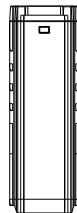
Top View

ⓓ
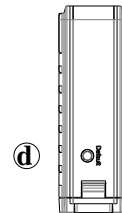
Bottom View

a.	Ethernet Port (10M/100M)
b.	COM1, COM2
c.	Power Connector
d.	Default Button

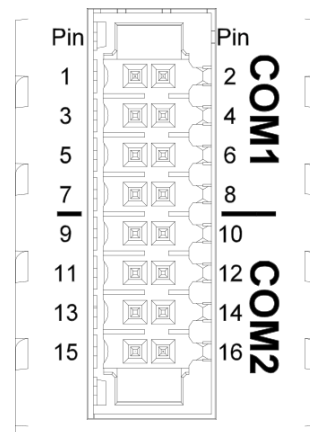## *Ordering Information*

Optional:
❑ **RZACEA020:** EasyAccess 2.0 Activation Card

COM1 [RS232-2W;RS-485-2W/4W],
COM2 [RS232-2W;RS-485-2W/4W],

PIN#	COM1 [RS232] 2W	COM2 [RS232] 2W	PIN#	COM1 [RS485] 4W	COM1 [RS485] 2W	COM2 [RS485] 4W	COM2 [RS485] 2W
1	RXD1		2	Rx1-	Data1-		
3	TXD1		4	Rx1+	Data1+		
5	FG		6	Tx1-			
7	GND		8	Tx1+			
9		RXD2	10			Rx2-	Data2-
11		TXD2	12			Rx2+	Data2+
13		FG	14			Tx2-	
15		GND	16			Tx2+	

Pin 1 3 5 7 9 11 13 15
Pin 2 4 6 8 10 12 14 16
COM1
COM2

Contact: WEINTEK IIOT LTD.   Web: www.weintekiiot.com

cMT-G03_Datasheet_ENG_20240619