

Коммуникационные шлюзы серии cMT

Технические характеристики

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Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: wkn@nt-rt.ru || сайт: <https://weintek.nt-rt.ru/>



Features

- 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
- One USB Host Port
- Supports MPI 187.5K
- Built-in Power Isolator

Memory	Flash	256 MB
	RAM	256 MB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100 Base-T x 2
	COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	230mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	27 x 130 x 115 mm
	Weight	Approx. 0.18 kg
	Mount	35 mm DIN rail mounting
Environment	Protection Structure	IP20
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	-20° ~ 55°C (-4° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude	3,000 m
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.09.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional)



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	USB Host	USB 2.0 x 1
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	COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
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	CAN Bus	N/A
	HDMI	N/A
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IIoT Gateway with WiFi

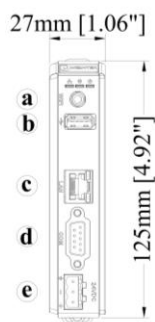


Features

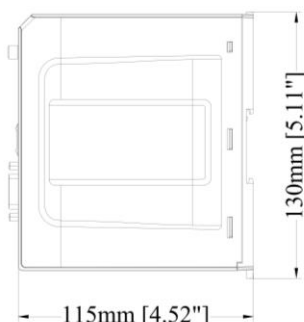
- Supports OPC UA and MQTT
- Supports MODBUS TCP/IP Gateway
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- One USB Host Port
- Supports MPI 187.5K
- Built-in Power Isolator
- WiFi compatible with 802.11 b/g/n

Memory	Flash	256 MB
	RAM	256 MB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100 Base-T x 1
	WiFi	IEEE 802.11 b/g/n 802.11b: max 19.52 dBm 802.11g: max 15.35 dBm 802.11n: max 15.28 dBm
	COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	450mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	27 x 130 x 115 mm
	Weight	Approx. 0.18 kg
	Mount	35 mm DIN rail mounting
Environment	Protection Structure	IP20
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	-20° ~ 55°C (-4° ~ 131°F)
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Certificate	CE	CE marked
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Software	EasyBuilder Pro	V6.09.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional)

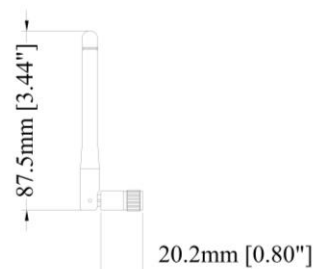
Dimensions



Front View



Side View



Antenna



Top View



Bottom View

a	WiFi	e	Power Connector
b	USB Host Port	f	DIP Switch
c	Ethernet Port		
d	COM1: RS-232 2W, COM2: RS-485 2W/4W, COM3: RS-485 2W		

Pin Assignment:

COM1 [RS232], COM2 / COM3 [RS485], 9 Pin, Male, D-sub

PIN#	COM1 [RS-232] 2W	COM2 [RS-485]		COM3 [RS-485] 2W
		2W	4W	
1				Data+
2	RxD			
3	TxD			
4				Data-
5	GND			
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9				

Ordering Information

□ cMT-G02X:

Built-in 256 MB Flash / 256 MB RAM on Board
Antenna 2dBi, RP-SMA Plug connector

Optional:

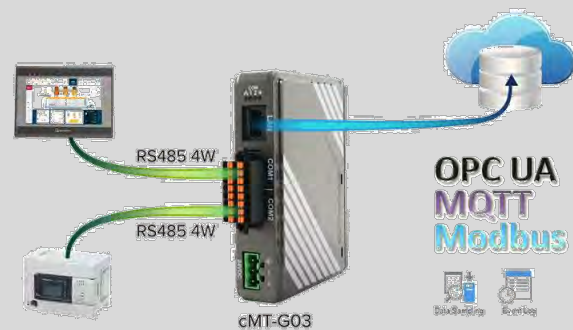
□ **RZACEA020:** EasyAccess 2.0 Activation Card

IloT Gateway with Serial Bridge



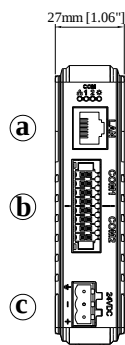
Features

- IloT 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

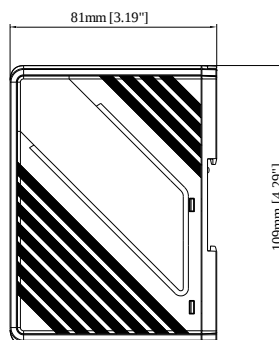


Memory	Flash	256 MB
	RAM	256 MB
Processor		Single-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	N/A
	USB Client	N/A
	Ethernet	10/100 Base-T x 1
	COM Port	COM1: RS-232 2W, RS-485 2W/4W COM2: RS-232 2W, RS-485 2W/4W
RTC		Built-in
Power	Input Power	10.5~28VDC
	Power Isolation	Built-in
	Power Consumption	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)

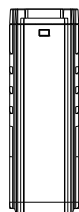
Dimensions



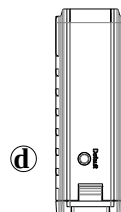
Front View



Side View



Top View



Bottom View

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

Ordering Information

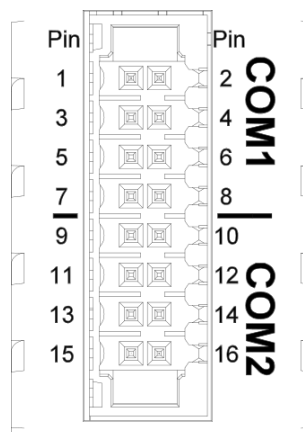
Optional:

☐ 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]		COM2 [RS485]	
				4W	2W	4W	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+	



IIoT Gateway with Ethernet Bridge



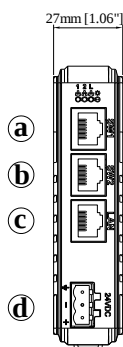
Features

- With built-in Ethernet switch, SW1 and SW2 can connect to machine network without the need for adding an Ethernet switch, which can save wiring cost. The LAN port connects to company/factory network.
- 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

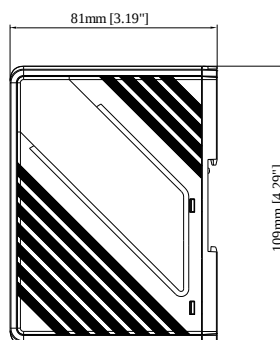


Memory	Flash	256 MB
	RAM	256 MB
Processor		Single-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	N/A
	USB Client	N/A
	Ethernet	LAN:10/100 Base-T x1 SW1, SW2:10/100 Base-T x1 (2 port Ethernet switch)
RTC		Built-in
Power	Input Power	10.5~28VDC
	Power Isolation	Built-in
	Power Consumption	270mA@12VDC ; 150mA@24VDC
	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)
Certificate	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.01.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional)

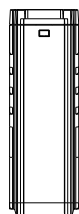
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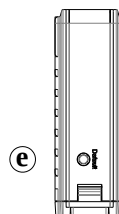
Front View



Side View



Top View



Bottom View

27mm [1.06"]

 a
b
c
d

正

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a.	SW1 Ethernet Port (10M/100M)
b.	SW2 Ethernet Port (10M/100M)
c.	LAN Ethernet Port (10M/100M)
d.	Power Connector
e.	Default Button

Ordering Information

❑ cMT-G04:

Built-in 256 MB Flash / 256 MB RAM on Board

Optional:

 ❑ **RZACEA020:** EasyAccess 2.0 Activation Card



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Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

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