

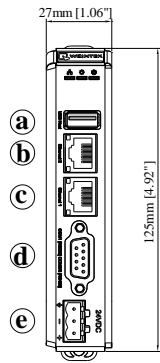


Features

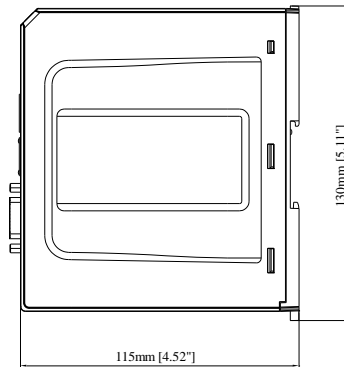
- Supports SECS/GEM (GEM compliant)
- Supports Printed Circuit Board Equipment Communication Interfaces - PCBEI
- Supports OPC UA, MQTT
- Supports MODBUS TCP/IP Gateway
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- SD Card Slot for Expansion of Storage
- One USB Host Port
- Supports MPI 187.5K
- Built-in Power Isolator

Memory	Flash	256 MB
	RAM	256 MB
Processor		Single-core RISC
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100/1000 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	
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 (Air Pressure)	Below 3,000 meters (70.1kPa)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
Software		EasyBuilder Pro EasyAccess 2.0 (Optional)

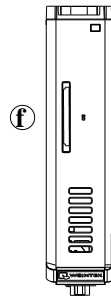
Dimensions



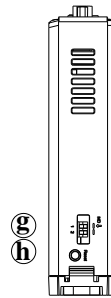
Front View



Side View



Top View



Bottom View

Pin Assignment:

COM1 RS232 2W
 COM2 RS485 2W/4W
 COM3 RS485 2W
 Male, 9 Pin, D-sub

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

a.	USB Host Port	e.	Power Connector
b.	Ethernet 2 Port	f.	SD Card Slot
c.	Ethernet 1 Port	g.	DIP Switch
d.	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W	h.	Reset Button

Ordering Information

- cMT-G05:**
Built-in 256 MB Flash / 256 MB RAM on Board