cMT-SVR-100
cMT-SVR-102

cMT Headless

IP20

Key Features

- Supports cMT Viewer
- COM port × 3, Ethernet port × 2, USB host port × 1, microSD slot × 1
- Built-in 256 MB FLASH and 256 MB RAM
- Fan-less cooling system
- cMT-SVR-102: Built-in EasyAccess 2.0 License

Technical Specifications

Memory

FLASH	256 MB
RAM	256 MB

Processor

CPU	Quad-core RISC

I/O Port

Memory Card Type	microSD × 1
USB Host	USB 2.0 × 1
Ethernet	10/100 Base-T × 2
COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
WiFi	N/A
RS-485 Dual Isolation	N/A
CAN Bus	N/A
Audio Output	N/A

Power

Input Power	24 ± 20 % VDC
Power Isolation	Built-in
Power Consumption	230 mA @ 24 VDC
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

Mechanical

Enclosure	Plastic
Dimensions W×H×D	27 × 130 × 115 mm
Weight	Approx. 0.18 kg
Mount	35 mm DIN rail mounting

Environment

PCB Coating	Yes
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 25 Hz (X, Y, Z direction 2G 30 minutes)

Certificate

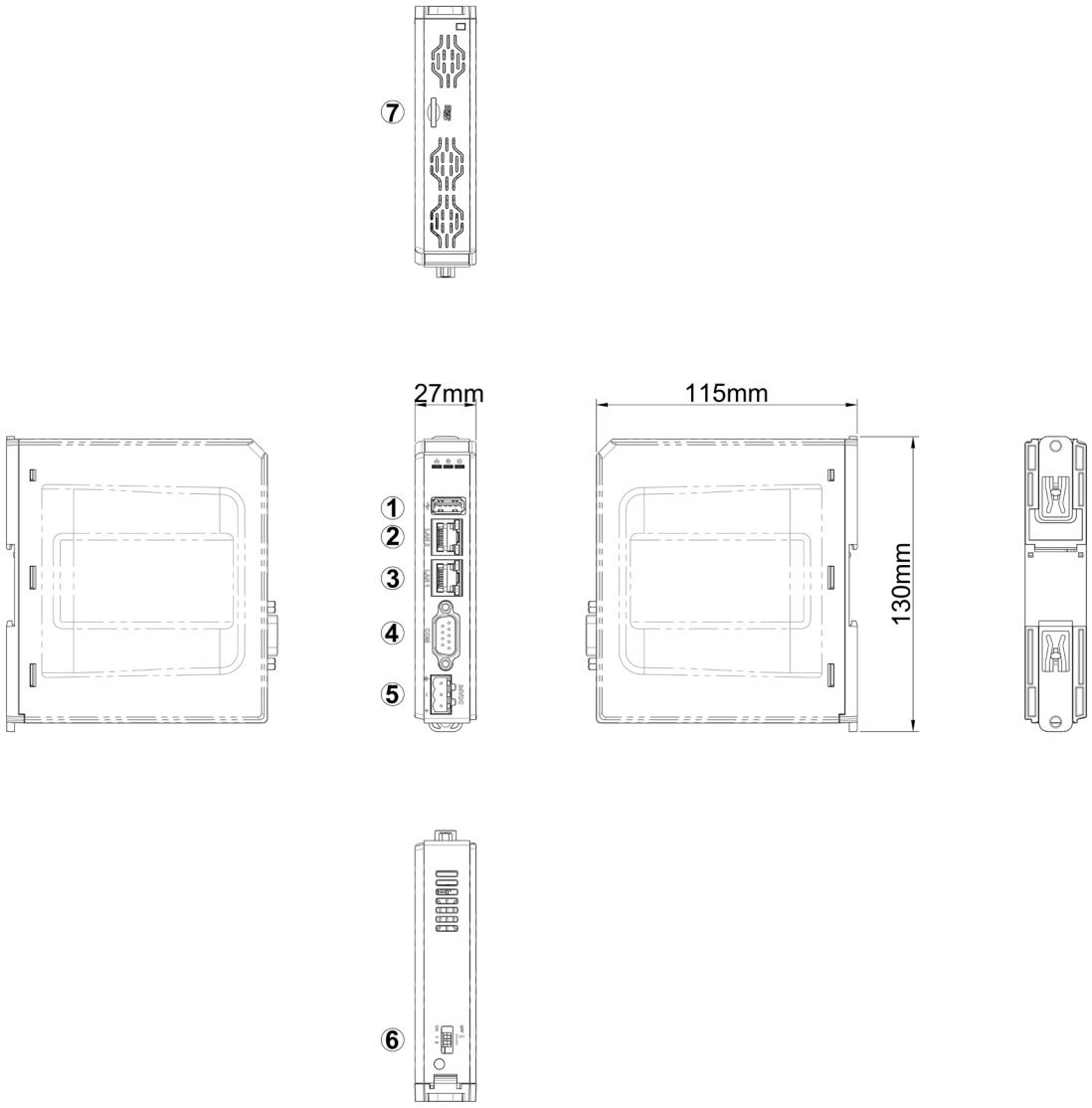
CE	CE Marked
UL	cULus Listed

Software

EasyBuilder Pro	cMT-SVR-100: V4.00.01 or later versions* cMT-SVR-102: V4.10.05 or later versions*
Weincloud	cMT-SVR-100: EasyAccess 2.0 (Optional) cMT-SVR-102: EasyAccess 2.0 (Built-in)

*For products with serial number 2212****** or later, the minimum software requirement for MPI: EasyBuilder Pro V6.07.02.
* The minimum software requirement for units labeled as cMT-SVR-100 (V2) / cMT-SVR-102 (V2): EasyBuilder Pro V6.09.02.

Dimensions



1	USB Host
2	LAN 2
3	LAN 1
4	COM1: RS-232 2W, COM2: RS-485 2W/4W, COM3: RS-485 2W
5	Power Connector
6	DIP Switch
7	microSD Card Slot

Pin Assignment

COM: 9 Pin, D-sub, Male

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

Part Number

☐ **【cMT-SVR-100】**

Built-in 256 MB FLASH / 256 MB RAM, 10/100 M Ethernet port × 2

☐ **【cMT-SVR-102】**

Built-in 256 MB FLASH / 256 MB RAM, 10/100 M Ethernet port × 2, built-in EasyAccess 2.0 license

Optional:

☐ **RZACEA020:** EasyAccess 2.0 Activation Card (cMT-SVR-100)