





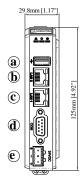
### **Feature**

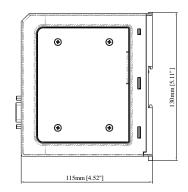
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
  Built- in 4GB Flash Memory and RTC
- One USB Host Port
- Gigabit Ethernet Port
- Supports MPI 187.5K
- Built-in Power Isolator
- Supports OPC UA Server

Memory	Flash	4 GB		
Wiellioly	RAM	1 GB		
Processor		Quad-core RISC		
I/O Port	Micro SD Card Slot	Micro SD x1		
	USB Host	USB 2.0 x 1		
	USB Client	N/A		
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1		
	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 Output	N/A		
	Audio Output	N/A		
RTC		Built-in		
Power	Input Power	24±20%VDC		
	Power Isolation	Built-in		
	Power Consumption	850mA@24VDC		
	Voltage Resistance	500VAC (1 min.)		
	Isolation Resistance	Exceed 50MΩ at 500VDC		
	PCB Coating	Yes		
	Enclosure	Plastic		
<b>Specification</b>	Dimensions WxHxD	29.8 x 130 x 115 mm		
·	Weight	Approx. 0.24 kg		
	Mount	35mm DIN rail mounting		
	Protection Structure	IP20		
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)		
Environment	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		
	EasyBuilder Pro	V6.07.01 or later versions		
	Weincloud	EasyAccess 2.0 (Optional), Dashboard (Optional)		
	CODESYS <sup>®</sup>	Optional		
* CODESYS® is a trade	mark of CODESYS GmbH.			



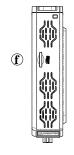
## **Dimensions**



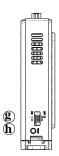


Front View

Side View



Top View



**Bottom View** 

а	USB Host Port	f	Micro SD Card Slot
b	LAN 2	g	DIP Switch
С	LAN 1	h	Reset Button
d	COM1: RS-232 2W, COM2: RS-485 2W/4W, COM3: RS-485 2W		
е	Power Connector		

# **Ordering Information**

#### □ cMT-SVRX-820:

4GB flash memory, 1GB RAM on board, 10/100/1000M Ethernet port x 1, 10/100M Ethernet port x 1

#### Optional:

□ RZACEA020: EasyAccess 2.0 Activation Card

□ RZ0CDS000: CODESYS License

#### Pin Assignment:

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

Comit [itozoz], Comiz / Como [ito-co], Ci mi, mi							
PIN#	COM1 [RS-232]	COM2 [RS-485]		COM3 [RS-485]			
	2W	2W	4W	2W			
1				Data+			
2	RxD						
3	TxD						
4				Data-			
5	GND						
6		Data+	Rx+				
7		Data-	Rx-				
8			Tx+				
9			Tx-				