



CM3-SP01EET



CM3-SP02ERR



CM3-SP02ERS

## Model List

Category	CIMON Part Number	Communication Ports	Detail
<b>Ethernet Module</b>	CM3-SP01EET	1 Ethernet Port	10 BASE-T, 100 BASE-TX Modbus TCP Master/Slave
<b>Serial Module</b>	CM3-SP02ERR	2 RS-232C Ports	Wide-range: 1,200 – 38,400 bps Modbus RTU Master/Slave
	CM3-SP02ERS	1 RS-232C Port 1 RS-422/485 Port	

## Functional

CIMON Part Number		CM3-SP02ERR	CM3-SP02ERS	CM3-SP01EET
<b>Interface</b>	<b>Channel 1</b>	RS-232C	RS-232C	RJ45
	<b>Channel 2</b>	RS-232C	RS-422/485	-
<b>Transmission Speed</b>		1,200 – 38,400 bps		10/100 Mbps
<b>Maximum Distance</b>		-		100 m
<b>Service</b>	<b>CIMON HMI</b>	Yes		Yes (TCP, UDP)
	<b>CIMON Loader</b>	Yes		Yes (UDP)
	<b>Modbus Master</b>	Yes		Yes (TCP)
	<b>Modbus Slave</b>	Yes		Yes (TCP)
	<b>User Protocol</b>	Yes		Yes (TCP, UDP)
	<b>PLC Link</b>	No		No
	<b>High-Speed PLC Link</b>	No		Yes
	<b>DHCP</b>	-		Yes

## Features

- Compatible expansion with any PLC-S CPU.
- Supports Modbus RTU Master/Slave and TCP Master/Slave.
- Supports User Protocol RTU/TCP.
- Supports High-Speed PLC Link, enabling high-speed communication between CIMON PLCs.

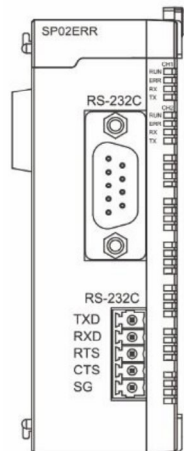
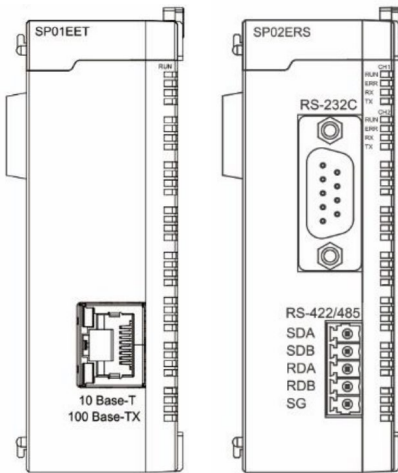
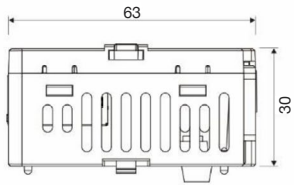
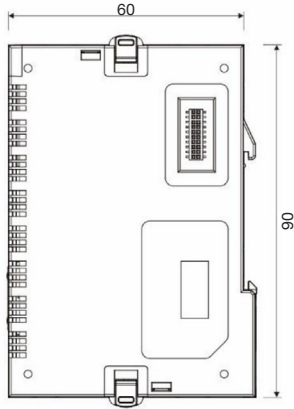
## Benefits

- Diagnostic LEDs.
- Change communication parameters from logic scan.





\*All communication modules have the same dimensions.  
(Unit: mm)



## Physical

CIMON Part Number	CM3-SP02ERR	CM3-SP02ERS	CM3-SP01EET
<b>Product Dimensions (H x W x D)</b>	90 x 20 x 60 mm (3.5 x 0.8 x 2.4 in)		
<b>Product Weight</b>	82 g (0.18 lb)	34 g (0.07 lb)	77 g (0.17 lb)

## Environmental

Item	Specification	Standards
<b>Operating Temperature</b>	-10 – +65 °C (+14 – +149 °F)	-
<b>Storage Temperature</b>	-25 – +80 °C (-13 – +176 °F)	-
<b>Operating/Storage Relative Humidity</b>	5 – 95% Non-condensing	-
<b>Shock</b>	15G	IEC 61131-2
<b>Vibration</b>	0.5G - Continuous 1G - Discontinuous	IEC 61131-2
<b>Square Wave Impulse Noise</b>	±2 kV	CIMON Standard
<b>ESD Immunity</b>	±4 kV - Contact Discharges ±8 kV - Air Discharges	IEC 61131-2 IEC 61000-4-2
<b>Radiated Electromagnetic Immunity</b>	80–1000 MHz, 10 V/m	IEC 61131-2 IEC 61000-4-3
<b>Surge Transient Immunity</b>	2 kV - CPU, Power 2 kV - Discrete I/O (VAC) 1 kV - Discrete I/O (VDC) 1 kV - Communication	IEC 61131-2 IEC 61000-4-4