



RM-012-IP-232-485
RM-012-IP-485-485



RM-012-IP-232
RM-012-IP-485

Specification

Power Supply		9 - 30 VDC
Power consumption		1.8 VA
Display		1 LED (Show Status power supply)
		2 LED (Show Port Port)
		2 LED (Show Link Status)
		RJ-45, 10/100 Base-T Half/Full Duplex
Protection Port Ethernet		Ethernet port 1.5 KV
Serial Port	RS232	RS485
	DB9	2 Connector Pin
Communi- cation	Protocol	TCP/IP (Configuration Parameter) , 1 TCP Client/Port
	Commu- nication mode	TCP Socket, Modbus
	Baud rate	2400, 4800, 9600, 19200, 38400, 57600 bps
	Parity	None, even, odd
	Data Bits	8 bits
	Stop Bits	1, 2
	Support device node	32
Ambient operation	Temperature	-10 °C to 60 °C
	Humidity	85 % RH Non-Condensing
Ambient storage	Temperature	-20 °C to 80 °C
	Humidity	85 % RH Non-Condensing
Protection degree		IP20
Installation		Panel, Mounting
Material		IP20 IEC 529, EN60529
Size		22.5 x 82.5 x 90.5 mm.
Weight		100 g.

Description

- TCP To RS-485/ RS-232 Converter: The RM-012-IP is a signal converter that bridges TCP/IP to RS-485 / RS-232 interfaces.
- Long-distance transmission: Supports signal transmission up to 1.2 km.
- Communication speed: Auto Baud Rate with a maximum of 57.6 kbps.
- Device Capacity: A single RM-012-IP unit can support up to 32 devices
- Web-based Configuration: Device settings can be configured via a standard web browser without the need for additional software installation.
- LED Status Indicators: Features LED indicators for Power, Port, and Link status.
- Power Supply: Includes a 9 VDC adapter to provide power to the RM-012-IP.

Operation

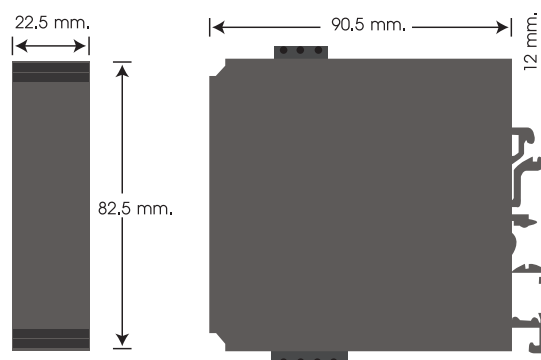
TCP to RS-485 / RS-232 Converter: RM-012-IP is a device for converting RS-485 and RS-232 signals to TCP/IP (LAN), enabling devices that support RS-485 or RS-232, such as controllers, CNC machines, weighing scales, etc., to communicate directly with software and PLCs over a TCP/IP network.

The RM-012-IP device can be configured via a web browser such as Chrome or Microsoft Edge, without the need to install any software on a computer.

The RM-012-IP Series is divided into 4 models:

- RM-012-IP-232
- RM-012-IP-232-485
- RM-012-IP-485
- RM-012-IP-485-485

Dimension



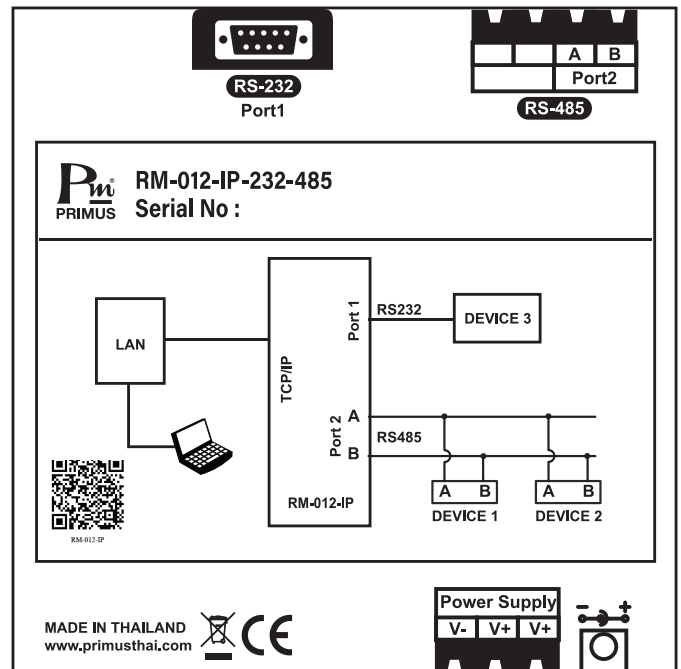
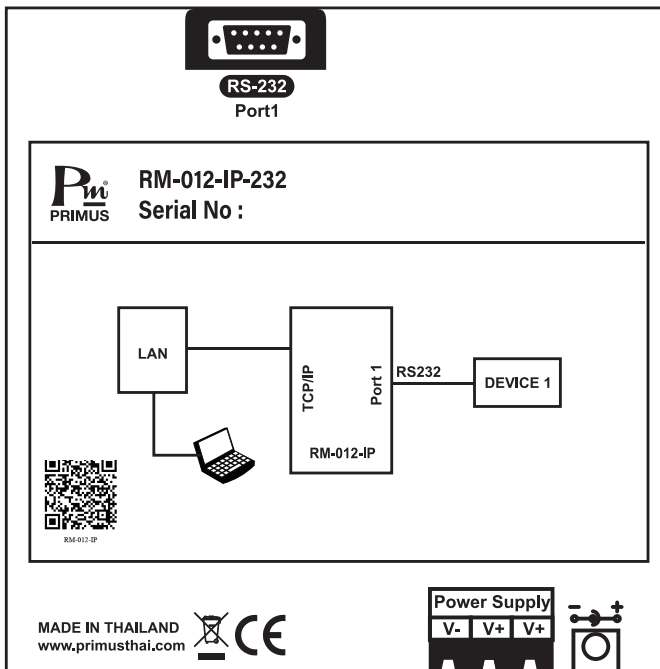
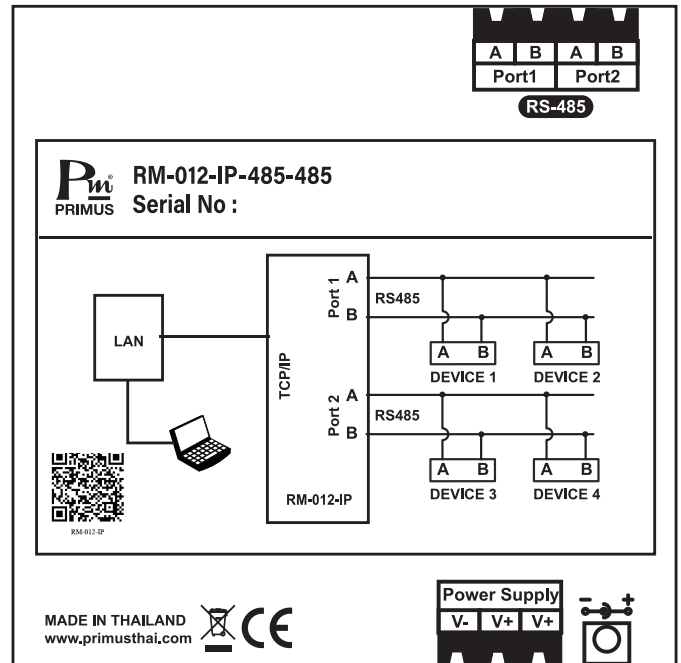
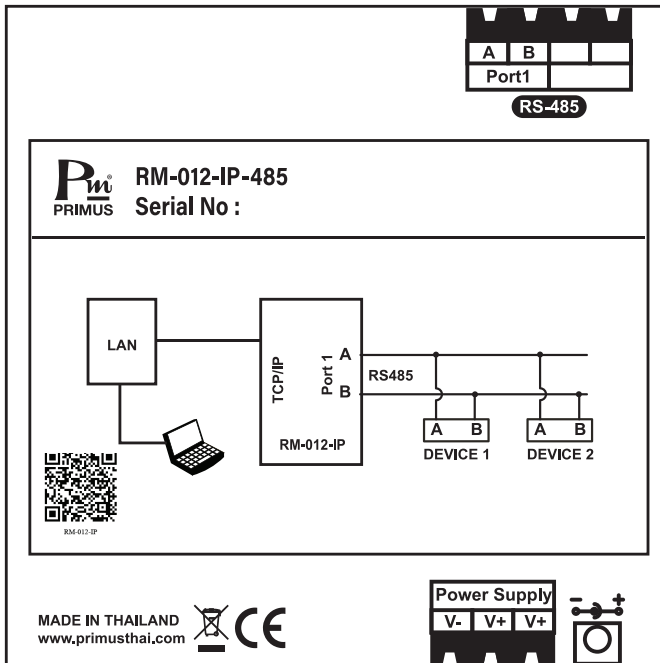
Output signal display



- Link LED flashes when data is being transmitted from RS485 devices.

- Port LED remains ON when connected and flashes during data transmission.

Wiring Diagram



Ordering Code

RM-012-IP-	Port 1	-	Option Port 2
	232		485
	485		
	RS-232		RS-485
	RS-485		