



RS485 / 4-20mA / RS232 / DI /  
SDI-12 / Relays to

Ethernet / RS485 / Wi-Fi

Extender Modules

## Description

M2 series of converters are simply add on units designed to provide extended interfaces to fundamental gateways such as X1, U1, C1 and M1 series.

Each module is a MODBUS (RS485 / Ethernet) slave with few channels of interfaces like 4-20mA, Digital Inputs and Relays.

M2 becomes an extended arm for connecting additional instruments and sensors to prevailing setup without having to change the fundamental gateway providing the connectivity.

Serving as a plug and play expansion module of your IoT ecosystem, it supports additional inclusion, making it an essential tool for Industrial IoT.

Model	Interfaces	Connectivity
M2-REL-485	Relays x 2	RS485
M2-REL-ETH	Relays x 2	Ethernet
M2-420-485	4-20mA x 4	RS485
M2-420-ETH	4-20mA x 4	Ethernet
M2-D30-485	Digital Input x 4	RS485
M2-D30-ETH	Digital Input x 4	Ethernet
M2-232-485	RS232 x 1	RS485
M2-232-ETH	RS232 x 1	Ethernet
M2-SDI-485	SDI12 x 1	RS485
M2-SDI-ETH	SDI12 x 1	Ethernet

## Technical Specifications

Processor	: 32 Bit, 80 MHz ARM
Memory	: 16 MB Flash / 300 KB SRAM
Storage	: 1 MB
Timekeeping	: RTC with NTP Synchronisation
Connectivity	: Ethernet   RS485   Wi-Fi
Interfaces	: RS485   4-20mA   RS232   SDI-12   DI   Relays
Protocols	: MODBUS RS485 & MODBUS TCP/IP.
Power	: 24-30V DC, Nominally 24V.
Configurable	: Ping Intervals, Log Intervals & Server End Points.
Datalogging	: Online & Offline.
Mounting	: DIN Rail / Wall Mount.
Protection	: IP20 / IP65.
Temperature	: 10 to 60 Deg Cel.
Dimensions	: L 72 x W 88 x H 59 mm

