RS485 / 4-20mA / RS232 / DI to Ethernet / 4G / 2G / Wi-Fi Protocol Converter

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 | 4G | Wi-Fi
Interfaces	:	RS485 | 4-20mA | RS232 | DI
Protocols	:	MODBUS RS485, MQTT(S), HTTP(S) & 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

Description

M1 series of Gateway is a simple solution designed to provide industrial connectivity.

Equipped with single interface such as RS485/MODBUS, RS232, 4-20mA, and 30V DI, it seamlessly integrates legacy and modern systems.

With connectivity options like WiFi, 4G/LTE, and Ethernet, the gateway enables effortless data transmission and accessibility.

Serving as a plug and play module of your IoT ecosystem, it supports seamless data transfer, making it an essential tool for Industry 4.0 advancements.

The converter adapts to protocols such as MQTT, HTTP, MODBUS/TCP & CoAP/UDP.

Model	Interfaces	Connectivity
M1-485-4G	RS485 x 1	WiFi + 4G/2G
M1-485-ET	RS485 x 1	WiFi + Ethernet
M1-420-4G	4-20mA x 4	WiFi + 4G/2G
M1-420-ET	4-20mA x 4	WiFi + Ethernet
M1-D30-4G	Digital Input x 4	WiFi + 4G/2G
M1-D30-ET	Digital Input x 4	WiFi + Ethernet
M1-232-4G	RS232 x 1	WiFi + 4G/2G
M1-232-ET	RS232 x 1	WiFi + Ethernet