398.00 EUR
incl. 19% VAT, plus shipping

Support: Specifications

- Powered by ARM Cortex M4
- Dual wireless connectivity (LTE 4G Quectel.EG25-G optionally available)
- Wireless: CAT-NB/M1, Wi-SUN upon request
- Dual 10/100 Mbps Ethernet ports
- Multiple I/O interface connections for data collection
- Embedded Real-Time OS support
- Data logger with time stamp
- Wide operating temperature range -20■C to 70■C

CPU/MCU	ARM Cortex M4F
Memory	128 M-bit Flash
Storage	External Micro SD slot, Max. 32GB
Real time clock	Yes
Indicators	LED indicator x 10
Cellular	Mini PCIe Connector x 1 (UART Signal)
Wireless LAN	Mini PCIe Connector x 1 (UART Signal)
Operating System	Embedded real-time OS: Zephyr Version: 3.0.99
Support Protocol	Modbus RTU to MQTT
Power Requirement	12/24 VDC
Power Consumption	12V/2.29W, 24V/3.14W, Normal used
Dimension	6.3" x 4.18" x 1.07" (160 x 106 x 27 mm)
Weight	670 g

Mounting/Installation	Din Rail
Operating Temperature	-4 °F ~ 158 °F (-20 °C ~ 70 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 85 °C)
Operating Humidity	5% ~ 95% relative humidity, non-condensing
Regulations	CE, FCC
Carrier	Planning
Serial Port	2 x RS232/RS485(2W,3W), Terminal Block
Ethernet	2 x 10/100Mbps LAN, RJ45
DI/DO	4 x Channels, Wet/Dry Contact, Terminal Block 2 x Channels, Normal open (NO), Terminal Block
Power Connector	Terminal Block
Debug Port	1 x Micro USB for console
Expansion Slot	2 x SIM card slot, 1 x Micro SD slot
LTE 4G (CAT 1) (by model)	3GPP Rel.9 compliant protocol Frequency bands: FDD LTE: B1 /B2 /B3 /B4 /B5 /B7 /B8 /B12 /B13 /B18 /B19 /B20 /B25 /B26 /B28 TDD LTE: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B6/B8/B19 GSM: B2/B3/B5/B8 SIM card size: Micro-SIM slot Antenna type: External type Antenna connector: SMA-Male
CAT NB / CAT M1 (by model)	3GPP Rel.9 compliant protocol Frequency bands: FDD LTE: B1 /B2 /B3 /B4 /B5 /B7 /B8 /B12 /B13 /B18 /B19 /B20 /B25 /B26 /B28 TDD LTE: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B6/B8/B19 GSM: B2/B3/B5/B8 SIM card size: Micro-SIM slot Antenna type: External type Antenna connector: SMA-Male
GPS (by model)	GPS/GLONASS/BeiDou (Compass)/Galileo