

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                                         |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                    |