

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

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