

Item no.: TRB143

TRB143 - M-Bus Cellular Gateway

from **166,15 EUR**

Item no.: TRB143
shipping weight: 0.20 kg
Manufacturer: Teltonika

Product Description

The TRB143 industrial gateway was designed with an integrated M-Bus interface specifically for telemetry and utility-monitoring applications. It features cellular and wired connectivity, one Gigabit Ethernet port, and a pair of digital inputs/outputs, making it applicable to a variety of environment-monitoring scenarios.

Hardware

- Mobile: 4G (LTE) – Cat. 4 up to 150 Mbps, 3G – Up to 42 Mbps, 2G – Up to 236.8 kbps
- CPU: ARM Cortex-A7 1.3 GHz CPU
- RAM: 256 MB (160 MB available for userspace)
- Flash storage: 512 MB (200 MB available for userspace)
- Powering options: 4-pin power socket, 12 – 30 V DC
- SIM: 1x SIM slot (Mini SIM – 2FF), 1.8 V/3 V
- Status LEDs: 3x connection type status LEDs, 3x connection strength LEDs, 2x LAN status LEDs, 1x Power LED
- Inputs/outputs: 2x configurable I/O pins on 4-pin power connector
- M-Bus: 1x M-Bus Interface
- M-Bus interface: The M-Bus interface can support up to 250 slave devices and can power up to 6 slave devices
- Ethernet: 1x RJ45 port, 10/100/1000 Mbps
- Ingress protection rating: IP30
- Operating temperature: -40°C to 75°C
- Housing: Aluminum housing
- Dimensions: 74.5 x 25 x 64.4 mm
- Weight: 145 g
- Installation: DIN rail, wall mounting (additional kits needed), flat surface placement

Software

- Operating system: RutOS (OpenWrt based Linux OS)
- Network protocols: TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SMTP, SSL v3, TLS, PPP, PPPoE, SSH, DHCP, SNMP, MQTT, Wake on LAN (WOL)
- Network features: Routing, Connection monitoring, Firewall, DHCP, QoS/Smart Queue Management (SQM), DDNS, SSHFS
- VPN and tunneling: OpenVPN, GRE, IPsec, PPTP, L2TP, SSTP, Stunnel, DMVPN, WireGuard, ZeroTier
- Monitoring and Management: WEB UI, FOTA, SSH, SMS, Call, TR-069, MQTT, SNMP, JSON-RPC, Modbus, RMS
- Connection monitoring: Ping Reboot, Wget Reboot, Periodic Reboot, LCP and ICMP for link inspection
- Cloud solutions: RMS, Clouds of things, ThingWorx, Cumulocity, Azure IoT Hub

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

