TRB142

INDUSTRIAL RUGGED LTE RS232 GATEWAY

TRB142 360 VIEW

// TRB142 comes with a widely used RS232 interface for remote device management.

// It is equipped with mission-critical LTE Cat 1 capabilities and software based on OpenWRT, hence offering a high degree of customization.

// Just like the other TRB series products, it provides a wide range of software features such as SMS control, VPN, IPsec, Firewall, and FOTA support.

// This gateway is durable, offers a wide range of power supply voltages, and is compatible with Teltonika Networks Remote Management System (RMS).

CONNECTIVITY

4G LTE (Cat 1), 3G, 2G

COMPACTNESS

Small and rugged aluminum housing for easy installation

RS232

Equipped with RS232 for industrial serial communication

PROTOCOLS

Compatible with industrial DNP3 & Modbus communication protocols

RMS | REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH TRB142

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

Copyright © 2023, TELTONIKA NETWORKS. Specifications and information given in this document are subject to change by TELTONIKA NETWORKS without prior notice.

KEY FEATURES

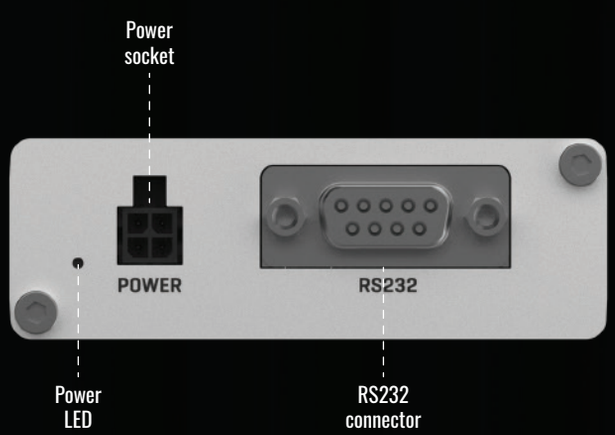
HARDWARE

Mobile	4G/LTE (Cat 1), 3G, 2G
CPU	Qualcomm, ARM Cortex A7, 1.2 GHz
Storage	512 MBytes Flash (200 MBytes for userspace)
Memory	128 MBytes RAM (50 MBytes for userspace)
Powering option	4-pin power socket, 9-30 VDC
SIM	1 x Internal SIM holder (2FF)
Antenna connectors	1 x SMA for mobile
Inputs/Outputs	On 4-pin socket: 2 x Digital input/Digital open collector output (configurable)
Serial	1 x RS232
Other	1 x Micro USB slave
Status LEDs	3 x Connection type, 5 x Signal strength, 1 x Power
Operating temperature	-40° C to 75° C
Housing	Aluminium housing with DIN rail mounting option
Dimensions (W x H x D)	74.5 x 25 x 64.4 mm
Weight	135 g

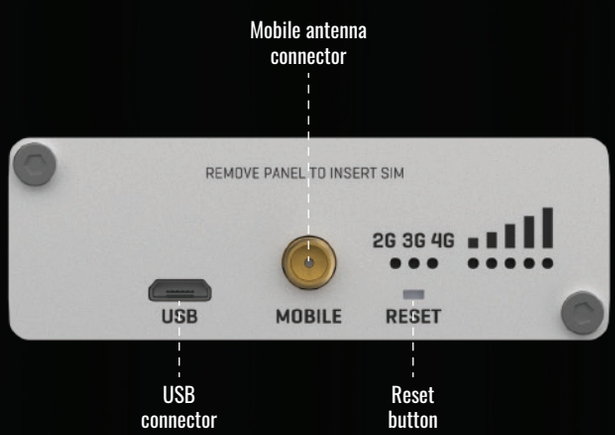
SOFTWARE

Operating system	RutOS
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, PPPoE, DHCP, Telnet
Monitoring and Management	WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Cloud solutions	RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
Modbus	TCP slave, TCP master, RTU master, RTU gateway, Modbus over MQTT
Serial	Console, Over IP, Modem, NTRIP, Modbus

FRONT VIEW



BACK VIEW



Copyright © 2023, TELTONIKA NETWORKS. Specifications and information given in this document are subject to change by TELTONIKA NETWORKS without prior notice.