

TRB142

INDUSTRIAL RUGGED LTE RS232 GATEWAY



TRB142 360° VIEW



CONNECTIVITY

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

SERIAL PORT

Equipped with RS232 for serial communication

COMPACTNESS

Small size, easy installation

DURABILITY

Rugged aluminum housing

9-30V

Wide range of supported power supply voltages

RMS

Compatible with Teltonika Remote Management System

TRB142

PRODUCT DESCRIPTION

// 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).



FRONT VIEW

BACK VIEW

Power LED



Power socket

RS232 connector

Mobile antenna connector



USB connector

Reset button

KEY FEATURES

HARDWARE

Mobile	4G/LTE (Cat 1), 3G, 2G
CPU	Qualcomm, ARM Cortex A7, 1.2 GHz
Memory	512 MBytes Flash (70 MBytes for userspace), 128 MBytes RAM (50 MBytes for userspace)
Powering option	4pin power socket, 9-30 VDC
SIM	1 x Internal SIM holder (2FF)
Antenna connectors	1 x SMA for mobile
Inputs/Outputs	On 4pin 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)	75 x 25 x 65 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, DHCP, Telnet
Monitoring and Management	WEB UI, CLI, SSH, SMS, TR-069, SNMP, JSON-RPC, MQTT, RMS
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Cloud solutions	RMS, FOTA, Telenor, 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

RMS

RMS | REMOTE MANAGEMENT SYSTEM
COMPATIBLE WITH TRB142
 MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA



SOCIAL

