TRB145

INDUSTRIAL RUGGED LTE RS485 GATEWAY

TRB145 360° VIEW

CONNECTIVITY

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

SERIAL PORT

Equipped with RS485 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

TRB145

PRODUCT DESCRIPTION

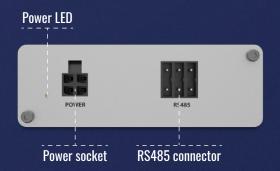// TRB145 is a mission-critical LTE Cat 1 gateway, equipped with RS485 interface.

// Compact design and easy installation make this gateway perfect for applications, where a sole gadget must be remotely controlled over the RS485 serial interface.

// Just like the rest of TRB products, TRB145 is engineered to be used in industrial applications. Therefore, it has a wide range of software features, such as SMS control, Firewall, Open VPN, IPsec, Teltonika Networks Remote Management System (RMS), and FOTA support.

FRONT VIEW

Power LED

POWER

RS485

Power socket

RS485 connector

BACK VIEW

Mobile antenna connector

USB   MOBILE   RESET

2G 3G 4G

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
Intputs/Outputs	On 4pin socket: 2 x Digital input/Digital open collector output (configurable)
Serial	1 x RS485
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	130 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 TRB145

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

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