TRB141

INDUSTRIAL RUGGED GPIO LTE GATEWAY

TRB140 360° VIEW

CONNECTIVITY

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

I/O

Wide range of multiple Inputs/Outputs for remote monitoring and control

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

TRB141

PRODUCT DESCRIPTION

// This small industrial LTE Cat 1 gateway is equipped with a micro USB and various Input/Output options, including Digital, Relay, Analog, and Isolated.

// Paired with secure and functional RutOS, plenty of processing power, and Teltonika Networks Remote Management System (RMS), this device offers unprecedented application flexibility to manage and control equipment remotely over LTE Cat 1.
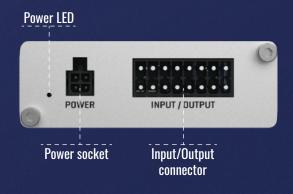
// It has a wide range of software features such as SMS control, VPN, IPsec, Firewall, and FOTA support.

// Perfect for application scenarios, where devices must be remotely managed using Inputs/Outputs.

FRONT VIEW

Power LED

POWER

INPUT / OUTPUT

Power socket

Input/Output connector

BACK VIEW

Mobile antenna connector

REMOVE PANEL TO INSERT SIM

2G 3G 4G

USB

MOBILE

RESET

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	4 pin power socket, 9-30 VDC
SIM	1 x Internal SIM holder (2FF)
Antenna connectors	1 x SMA for mobile
Intputs/Outputs	On 4 pin socket: 2 x Digital input/Digital open collector output (configurable) On 16 pin socket: 1 x Isolated input, 1 x Single wire input, 1 x Analog input (with 4-20mA capability), 1 x Latching relay output, 1 x Non-latching relay output, 2 x Dry/Wet input (configurable)
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	136 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
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP
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
Services	DDNS, VRRP, WEB filter, UPNP, Traffic Logging

RMS

RMS | REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH TRB141

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

SOCIAL