TRM142

INDUSTRIAL 4G MODEM

TRM142 360° VIEW

The TRM142 is a compact industrial modem designed to upgrade legacy equipment with 4G network. Equipped with LTE Cat 4 connectivity, it ensures efficient and reliable data transfer for critical applications. The device is designed to modernise and provide 4G LTE communication for legacy devices such as alarm systems, legacy controllers and similar equipment that uses serial interfaces for external communication.



LEGACY-READY

Reliable 4G connectivity for devices with serial interfaces

MODERN & STABLE LTE

LTE Cat 4

COST-EFFECTIVE UPGRADE

Retrofit legacy RS232 devices with LTE at scale

FLEXIBLE INTEGRATION

Connect endpoints via RS232 or USB for effortless compatibility

RMS | REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH TRM142

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

Copyright © 2025, UAB TELTONIKA NETWORKS. Specifications and information given in this document are subject to change by UAB TELTONIKA NETWORKS without prior notice.

KEY FEATURES

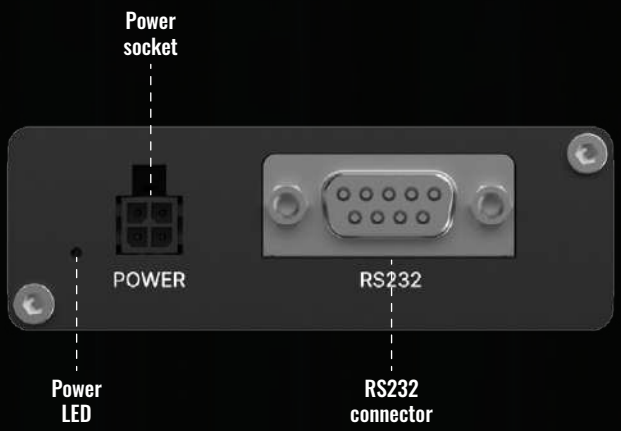
HARDWARE

Mobile	4G LTE FDD up to 150 DL/50 UL Mbps; 4G LTE TDD up to 130 DL/30 UL Mbps; G HSPA+ up to 21 DL Mbps; 3G HSUPA up to 5.76 UL Mbps; 3G WCDMA up to 384 DL/384 UL kbps; 2G EDGE up to 236.8 DL/236.8 UL kbps; 2G GPRS up to 85.6 DL/85.6 UL kbps
Powering options	4-pin industrial DC power socket, 9 - 30 VDC
SIM	1 x SIM slot (Mini SIM – 2FF), 1.8 V/3 V
Antenna connectors	1 x SMA for Mobile
USB	1 x Virtual network interface via micro USB
RS232	1 x DB9 connector, RS232 (with RTS, CTS flow control)
Status LEDs	1 x Power LED, 1 x Network LED, 1 x Mobile LED
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	75.9 x 25 x 74.5 mm
Weight	135 g

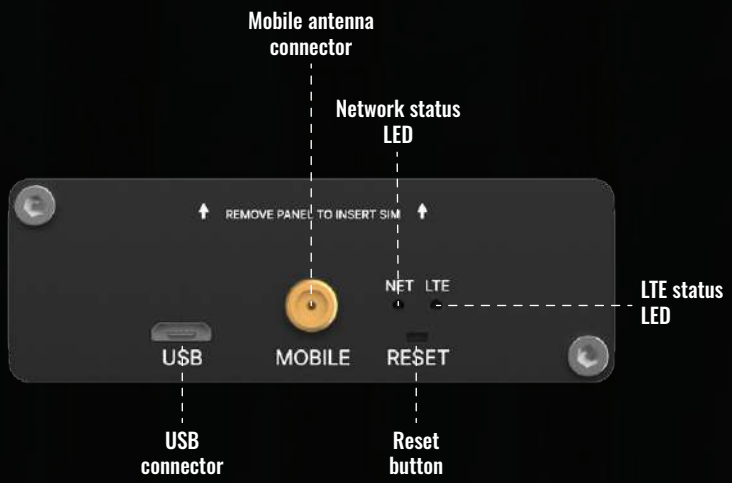
SOFTWARE

Management Software	Windows Connection Manager, Modem Manager (Linux)
USB Serial Driver	Windows 7/8/8.1/10/11,Linux 2.6~6.3, Android 4.x ~ 13
GNSS Driver	Android 4.x ~ 13
RIL Driver	Android 4.x ~ 13
NDIS Driver	Windows 7/8/8.1/10

FRONT VIEW



BACK VIEW



Copyright © 2025, UAB TELTONIKA NETWORKS. Specifications and information given in this document are subject to change by UAB TELTONIKA NETWORKS without prior notice.