



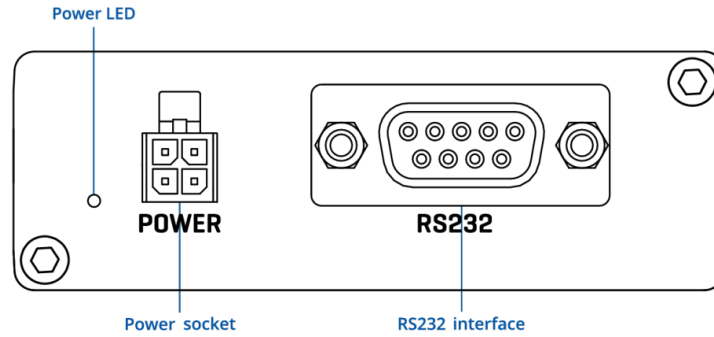
TRM142

v1.0

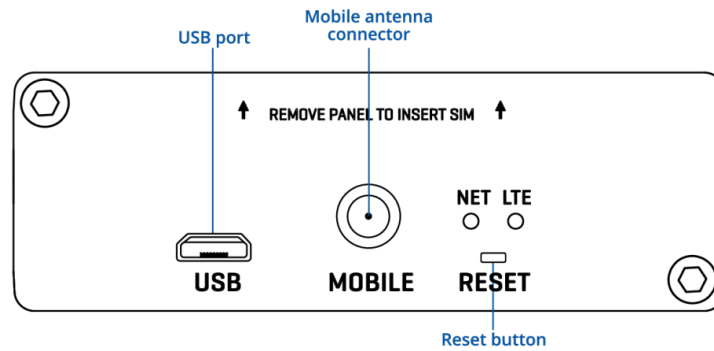


HARDWARE

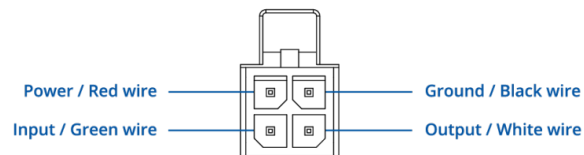
FRONT VIEW



BACK VIEW



POWER SOCKET PINOUT



FEATURES

Mobile

Mobile module	4G LTE FDD up to 150 DL/50 UL Mbps, 4G LTE TDD up to 130 DL/30 UL Mbps, 3G 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
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3GPP Release	Release 9
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Power

Connector	1 x 4-pin industrial DC power socket
Input voltage range	9 - 30 VDC, 4-pin: overvoltage protection, reverse polarity protection, surge protection
Power consumption	Idle: < 1 W, Max: < 5 W

Physical Interfaces

Status LEDs	1 x Power LED, 1 x Network LED, 1 x Mobile LED
SIM	1 x SIM slot (Mini SIM – 2FF), 1.8 V/3 V
Power	1 x 4-pin power connector
Antennas	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)
Reset	Reboot/User default reset/Factory reset button

Physical Specification

Casing material	Aluminium housing
Dimensions (W x H x D)	75.9 x 25 x 74.5 mm
Weight	135 g
Mounting options	DIN rail, wall mount, flat surface (all require additional kit)

Operating Environment

Operating temperature	-40 °C to 75 °C
Operating humidity	10% to 90% non-condensing
Ingress Protection Rating	IP30

Network

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

Regulatory & Type Approvals

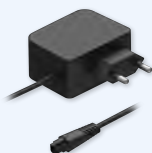
Regulatory	CE, UKCA, CB, RCM, EAC, UCRF, WEEE
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ORDERING

STANDARD PACKAGE*



TRM142 MODEM



9W PSU



1 X MOBILE SMA ANTENNA (MAGNET, SMA MALE)



MICRO-USB CABLE (0.8M)



1 X HEX KEY



QSG (QUICK START GUIDE)

- TRM200
- [1x Mobile antenna \(swivel, SMA male\)](#)
- [Micro-USB cable \(0.8 m\)](#)
- 1x hex key
- QSG (Quick Start Guide)
- Packaging box

*Standard package contents may differ based on standard order codes.

For more information on all available packaging options – please [contact us](#) directly.

CLASSIFICATION CODES

HS Code: 851762

HTS: 8517.62.00

AVAILABLE VERSIONS

TRM200 0***** EMEA ¹ , Thailand, Australia, New Zealand	4G (LTE-FDD): B1, B3, B5, B7, B8, B20, B28 4G (LTE-TDD): B38, B40, B41 3G: B1, B8 2G: B3, B8	TRM200000000 / Standard package TRM200000200 / Mass packing code
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The price and lead-times for region (operator) specific versions may vary. For more information please [contact us](#).

1 - Regional availability - excluding Russia, Belarus & Iran

TRM142 SPATIAL MEASUREMENTS

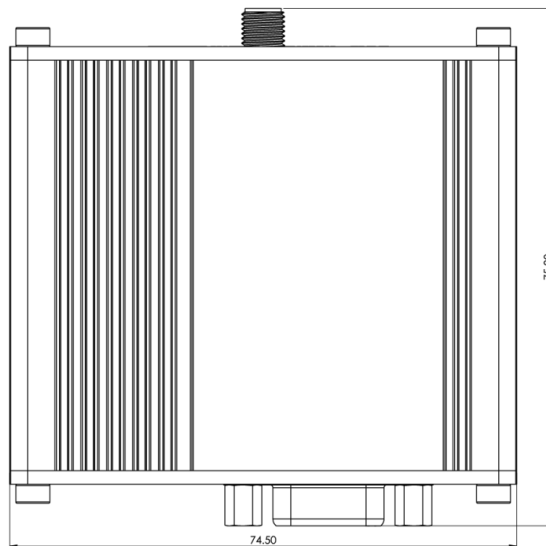
PHYSICAL SPECIFICATION

Device housing (W x H x D)*	74.5 x 25 x 64.5 mm
Box (W x H x D):	173 x 148 x 71 mm

*Housing measurements are presented without antenna connectors and screws; for measurements of other device elements look to the sections below.

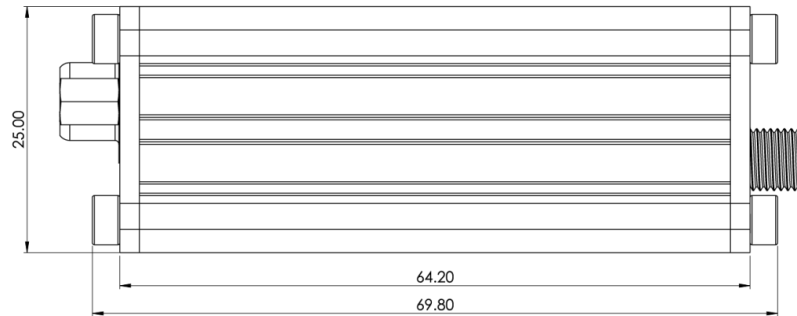
TOP VIEW

The figure below depicts the measurements of device and its components as seen from the top:



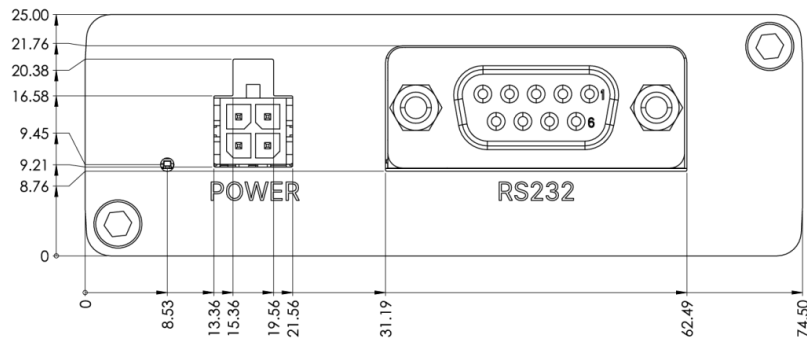
RIGHT VIEW

The figure below depicts the measurements of device and its components as seen from the right side:



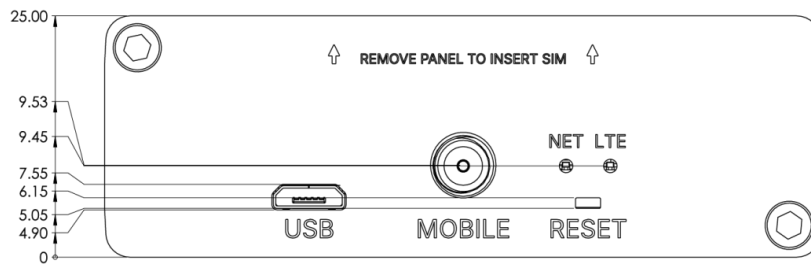
FRONT VIEW

The figure below depicts the measurements of device and its components as seen from the front panel side:



REAR VIEW

The figure below depicts the measurements of device and its components as seen from the back panel side:



MOUNTING SPACE REQUIREMENTS

The figure below depicts an approximation of the device's dimensions when cables and antennas are attached:

