TRM250

v1.0

HARDWARE

FRONT VIEW

REMOVE PANEL TO INSERT SIM

Power LED

PWR NET   USB

Network
status LED   USB port

BACK VIEW

MOBILE

Mobile antenna connector
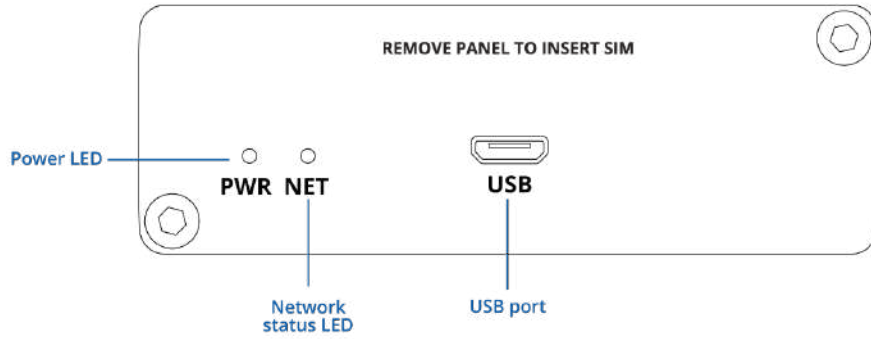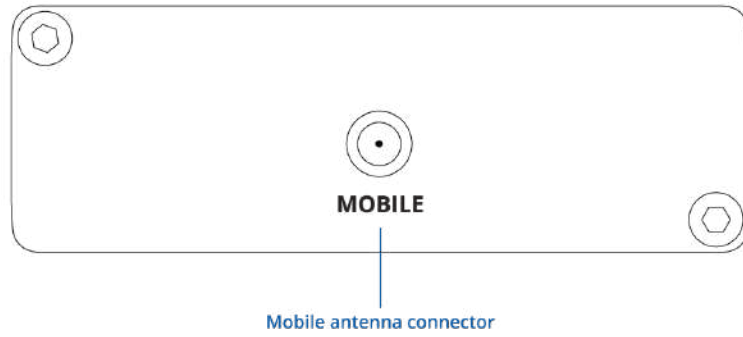
FEATURES

Mobile

Mobile module	4G LTE Cat M1 up to 375 DL/375 UL kbps; Cat NB1 up to 32 DL/70 UL kbps; 2G up to 296 DL/ 236.8 UL kbs
3GPP Release	Release 12

Power

Connector	microUSB
Input voltage range	5V - powered via microUSB
Power consumption	3.6 W Max

Physical Interfaces

Status LEDs	1 x Power LED, 1 x Network LED
SIM	1 x SIM slot (Mini SIM – 2FF), 1.8 V/3 V
Power	1x microUSB
Antennas	1 x SMA for LTE

Physical Specification

Casing material	Aluminium housing
Dimensions (W x H x D)	74.5 x 25 x 64.5 mm
Weight	130 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

TRM SOFTWARE

Management Software	Windows Connection Manager (NDIS driver)
USB Driver	Windows 7/8/8.1/10, Windows CE 5.0/6.0, Linux 2.6/3.x/4.1~4.14, Android 4.x/5.x/6.x/7.x/8.x
RIL Driver	Android 4.x/5.x/6.x/7.x/8.x
NDIS Driver	Windows 7/8/8.1/10
Gobinet Driver	Linux 2.6/3.x/4.1~4.14
Linux Driver	3.x (3.4 and later)/4.1~4.14

Regulatory & Type Approvals

Regulatory	CE, UKCA, EAC, UCRF, Kenya

EMC Emissions & Immunity

Standards	Draft EN 303 446-1 V1.1.0
ESD	EN 61000-4-2:2009
Radiated Immunity	EN IEC 61000-4-3:2006 + A1:2008 + A2:2010

RF

Standards	ETSI EN 301 511 V12.5.1
	ETSI EN 301 908-1 V13.1.1
	ETSI EN 301 908-13 V13.1.1

Safety

Standards	**CE**: EN 62368-1:2014 + A11:2017, EN 62311:2008

ORDERING

STANDARD PACKAGE*

TRM250

1 X MOBILE SMA ANTENNA

MICRO-USB CABLE (0.8M)

1 X HEX KEY

QSG (QUICK START GUIDE)

- TRM250
- 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

TRM250 **0******* Global[1]	**4G (LTE-FDD):** B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B26, B28 **4G (LTE-TDD):** B39 (for Cat M1 only) **2G:** B2, B3, B5, B8	TRM250000000 / Standard package TRM250000100 / Mass packing code

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
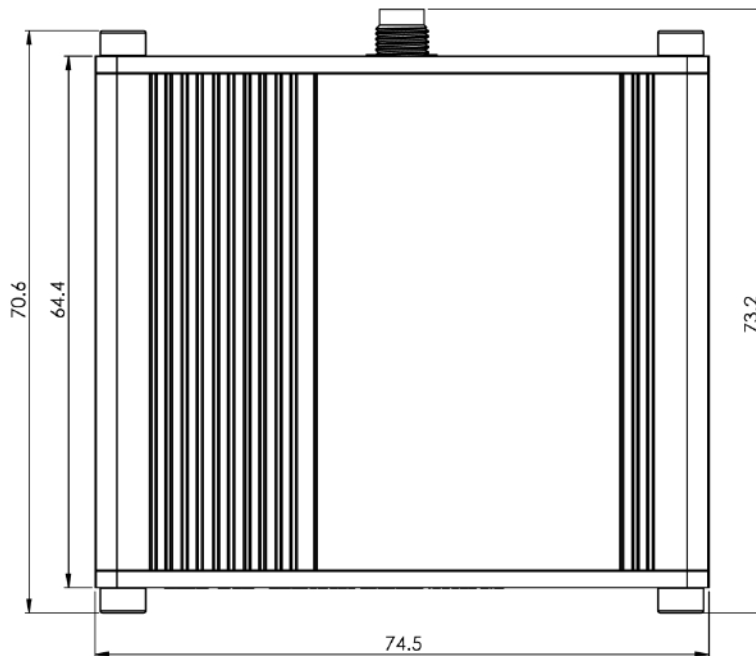
TRM250 SPATIAL MEASUREMENTS

PHYSICAL SPECIFICATION

|	
Device housing*:	74.5 x 25 x 64.5 mm
Box:	173 x 71 x 148 mm
	*Housing measurements are presented without antenna connectors and screws; for measurements of other device elements look to the sections below.

TOP VIEW

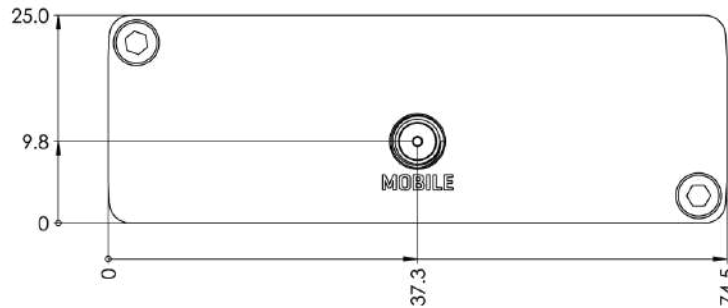The figure below depicts the measurements of device and its components as seen from the top:
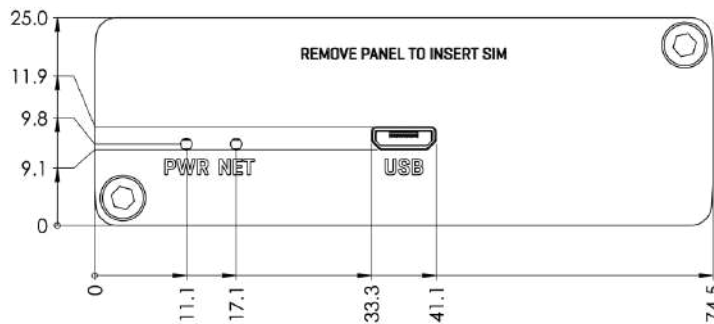
RIGHT VIEW

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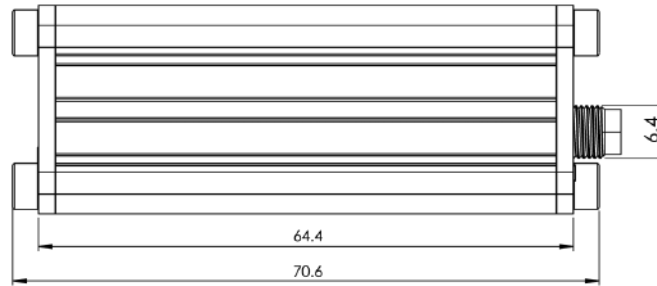
REAR VIEW

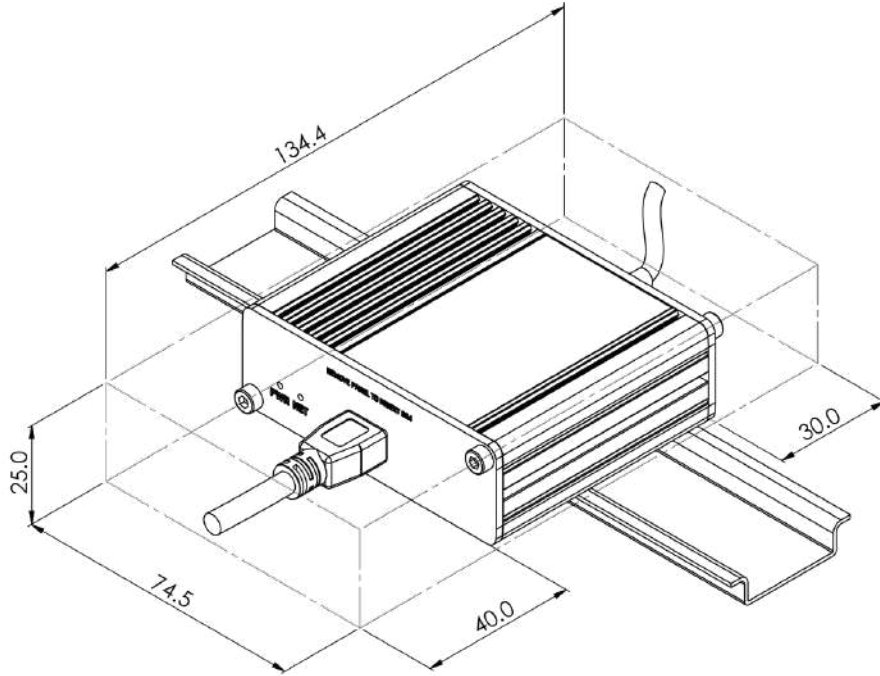The figure below depicts the measurements of device and its components as seen from the back panel side:

FRONT VIEW

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

MOUNTING SPACE REQUIREMENTS

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

DIN RAIL

The scheme below depicts protrusion measurements of an attached DIN Rail: