TRM250

INDUSTRIAL CELLULAR MODEM



Energy & utilities

Enterprise

Industrial & automation

Retail

Smart city

CONNECTIVITY

4G/LTE (Cat M1), NB-IoT, 2G

COMPACT &DURABLE

Small size, easy installation

USB

Interface for internet access

EXTERNAL ANTENNA

For deployment flexibility

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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

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

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 Mobile

Physical Specification	
Casing material	Anodised aluminium housing and panels
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

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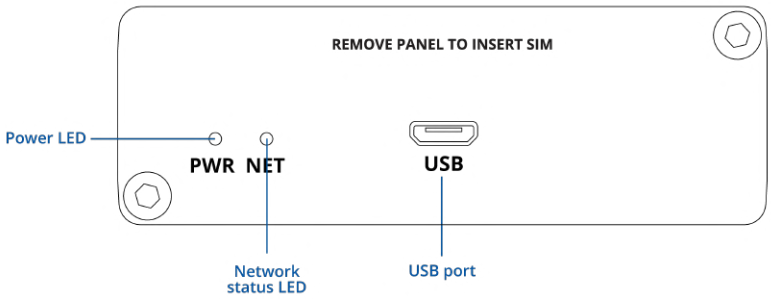
Certification

EMEA	TRM250 CE/RED TRM250 UKCA TRM250 EAC TRM250 Ukraine UCRF TRM250 RoHS TRM250 REACH TRM250 Kenya
MISCELLANEOUS	TRM250 GCF
SAFETY & ENVIROINMENTAL	TRM250 WEEE

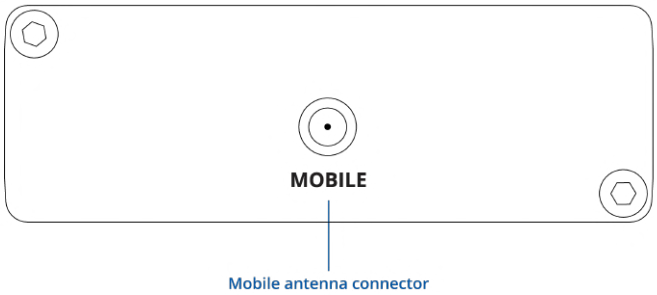
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Hardware

FRONT VIEW



BACK VIEW



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Ordering

Standard package*



TRM250



QUICK START GUIDE



MOBILE SMA ANTENNA



MICRO-USB CABLE (0.8 M)



HEX KEY

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

For more information on all available packaging options – please contact us directly.

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Classification codes

HS Code: 851762
HTS: 8517.62.00

For more information on all available packaging options – please contact us directly.

Available versions

Hardware version	Supported frequencies	Standard order code / Package Contains
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

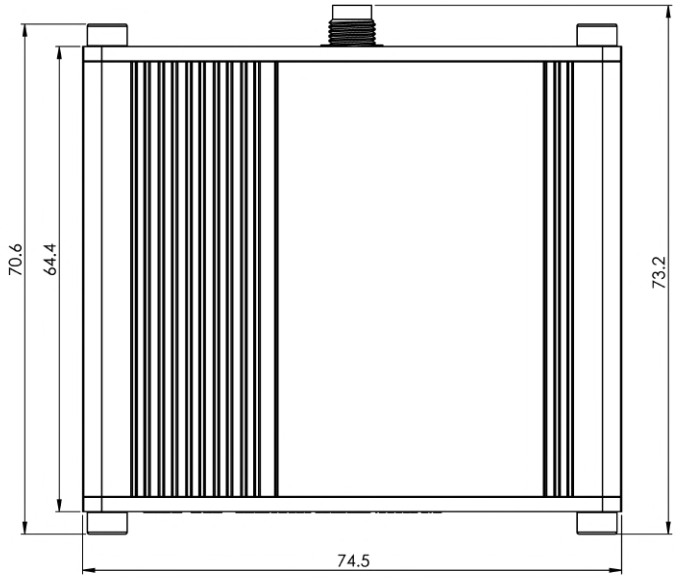
TRM250 spatial measurements

Available versions	
Box (W x H x D):	173 x 71 x 148 mm
Device housing (W x H x D)*	74.5 x 25 x 64.4 mm
	*Housing measurements are presented without antenna connectors and screws; for measurements of other device elements look to the sections below

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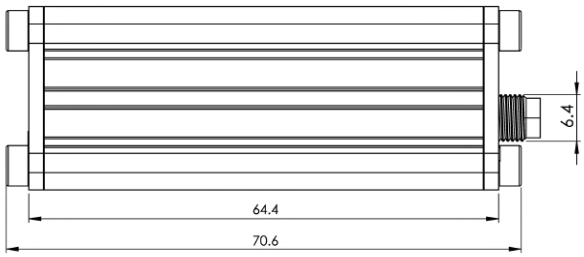
TOP VIEW

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



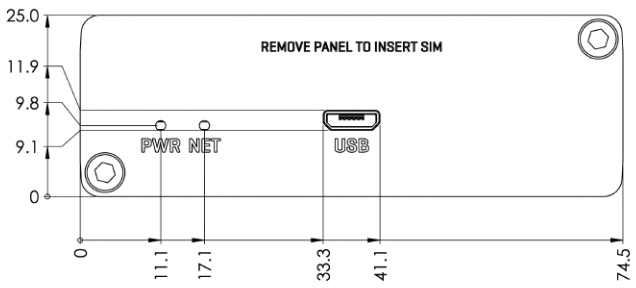
RIGHT VIEW

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



FRONT VIEW

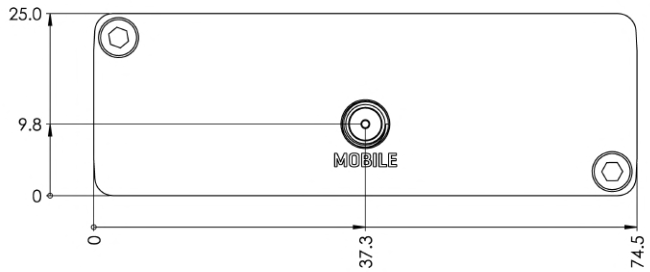
The figure below depicts the measurements of device and its components as seen from the front panel side:



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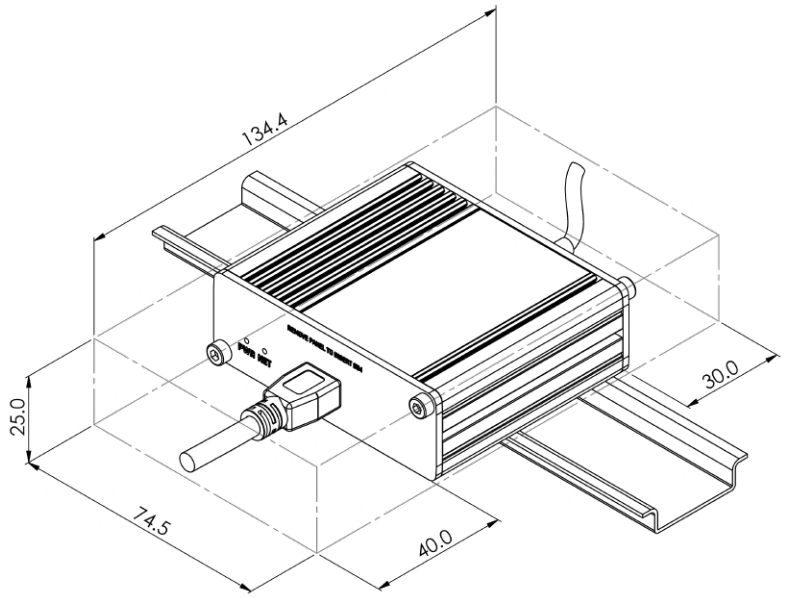
REAR VIEW

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:



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