TELTONIKA | Networks

TSW100

HARDWARE

FRONT VIEW

Power socket

Ethernet port

PoE OUT

1 2 3 4 5

PWR

Power LED

PoE powered
Ethernet ports

BACK VIEW

Grounding
screw

RJ45 LED MEANING

Orange LED on: link established
10/100 Mbps
Orange LED blinking: active connection

Green LED on: link established
1000Mbps

POWER SOCKET PINOUT

Power / Red wire

Ground / Black wire

Not connected

Not connected
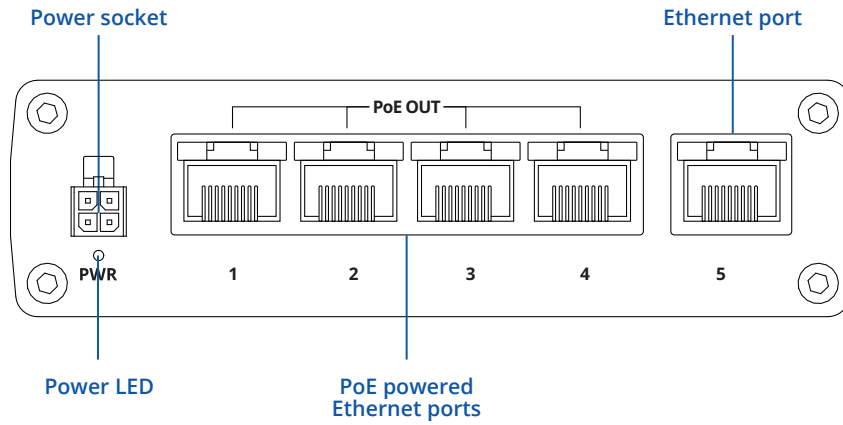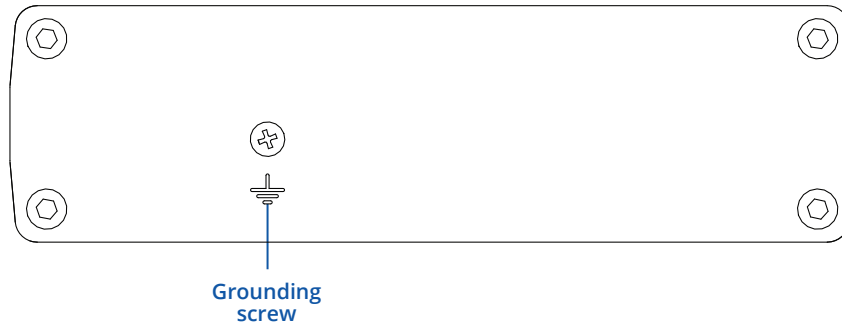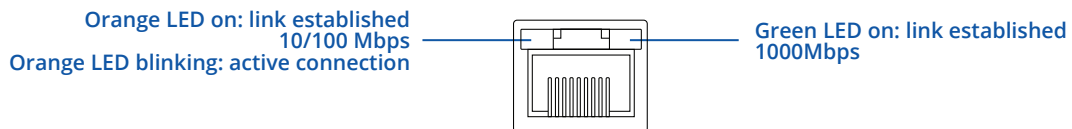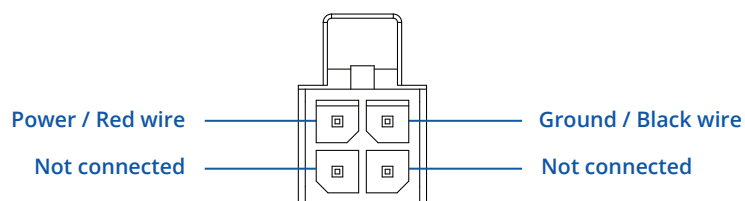
FEATURES

ETHERNET

LAN	5 x ETH ports, 10/100/1000 Mbps, supports auto MDI/MDIX crossover
IEEE 802.3 series standards	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az

POE

PoE ports	Port 1- 4
PoE standards	802.3af and 802.3at
PoE Max Power per Port (at PSE)	30 W
PoE Power Budget (at PSE)	120 W

PERFORMANCE SPECIFICATIONS

Bandwidth (Non-blocking)	10 Gbps
Packer buffer	128 KB
MAC address table size	2K entries

POWER

Connector	4-pin industrial DC power socket
Input voltage range	7 – 57 VDC
PoE-out input voltage range	44 – 57 VDC
Power consumption	Idle: 2 W / Max (no PoE): 9 W / PoE Max: 129 W

PHYSICAL INTERFACES

Ethernet	5 x RJ45 ports, 10/100/1000 Mbps
Status LEDs	1 x Power LED, 10 x ETH status LEDs
Power	1 x 4-pin power connector
Other	1 x Grounding screw

PHYSICAL SPECIFICATION

Casing material	Full aluminum housing
Dimensions (W x H x D)	115 x 32 x 95 mm
Weight	350 g
Mounting options	DIN rail or wall mounting (additional kit needed), flat surface placement

OPERATING ENVIRONMENT

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

REGULATORY & TYPE APPROVALS

Regulatory	CE/RED, UKCA, CB, UCRF, EAC, RoHS, REACH, ANRT, RCM, GITEKI, FCC, IC, ANATEL, NOM, E-mark

WHAT'S IN THE BOX?

STANDARD PACKAGE CONTAINS*

- 62 W PSU
- TSW100
- QSG (Quick Start Guide)
- Packaging box

TSW100	65 W PSU	QSG

* For all standard order codes standard package contents are the same, execpt for PSU.

STANDARD ORDER CODES

PRODUCT CODE	HS CODE	HTS CODE	PACKAGE CONTAINS
TSW100 000000	851762	8517.62.00	Standard package with EU PSU
TSW100 000010	851762	8517.62.00	Standard package with US PSU
TSW100 000020	851762	8517.62.00	Standard package with AU PSU
TSW100 000030	851762	8517.62.00	Standard package with UK PSU

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

TSW100 SPATIAL MEASUREMENTS
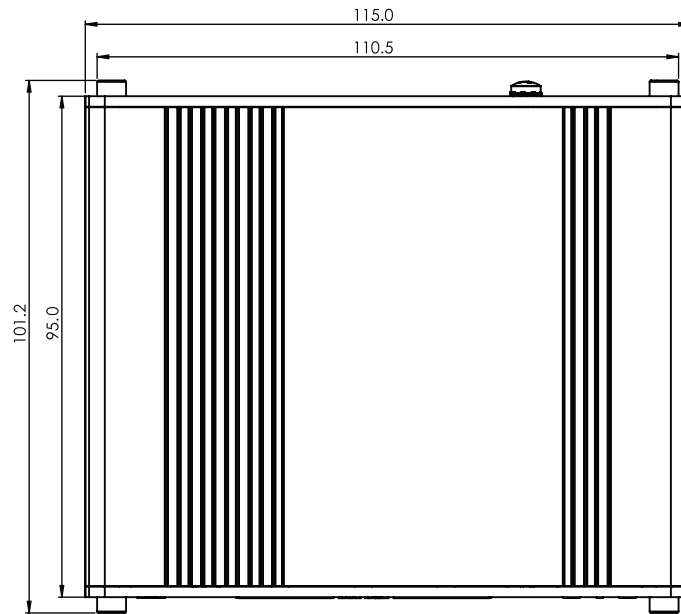
MAIN MEASUREMENTS

W x H x D dimensions for TSW100:

Device housing*:	115 x 32 x 95 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.
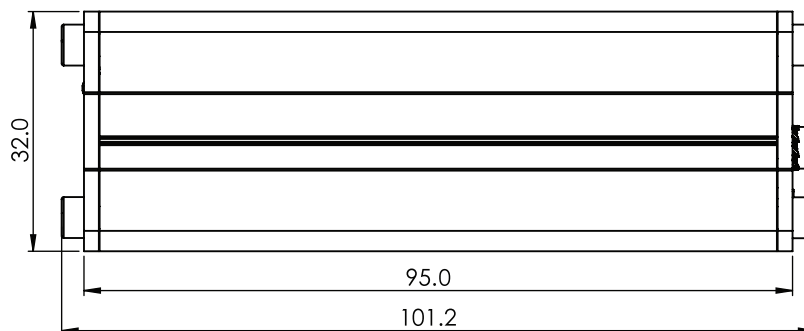
TOP VIEW

The figure below depicts the measurements of TSW100 and its components as seen from the top:
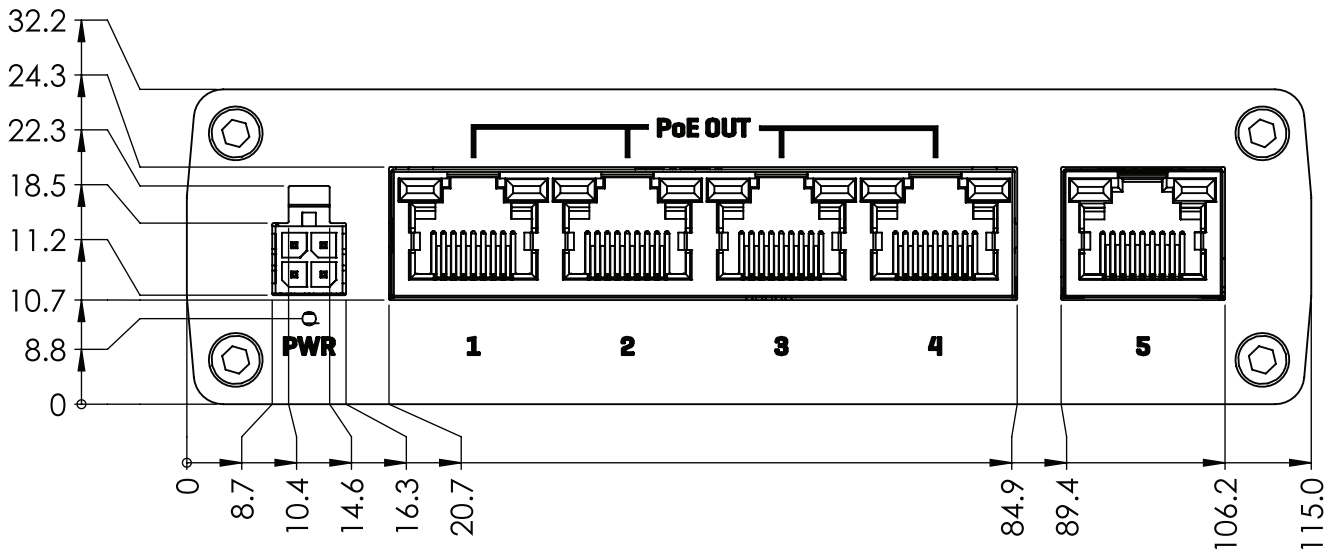

RIGHT VIEW

The figure below depicts the measurements of TSW100 and its components as seen from the right side:
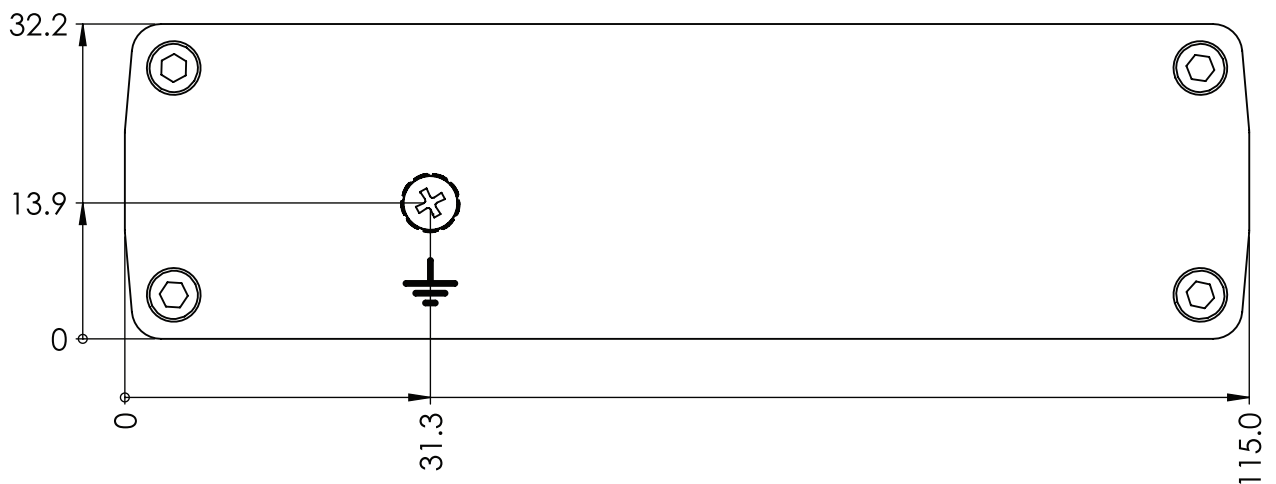
FRONT VIEW

The figure below depicts the measurements of TSW100 and its components as seen from the front panel side:
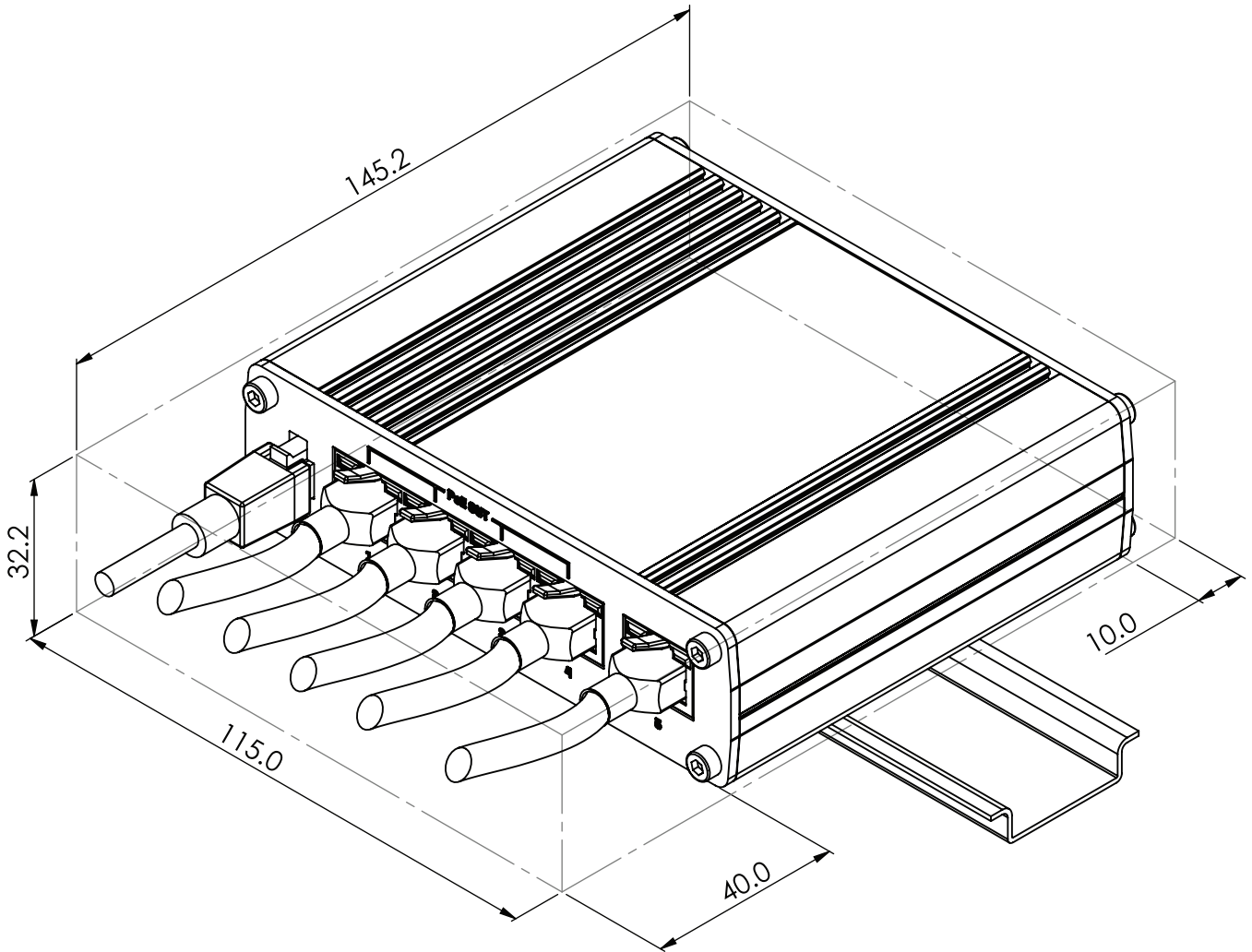

REAR VIEW

The figure below depicts the measurements of TSW100 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:

DIN RAIL

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