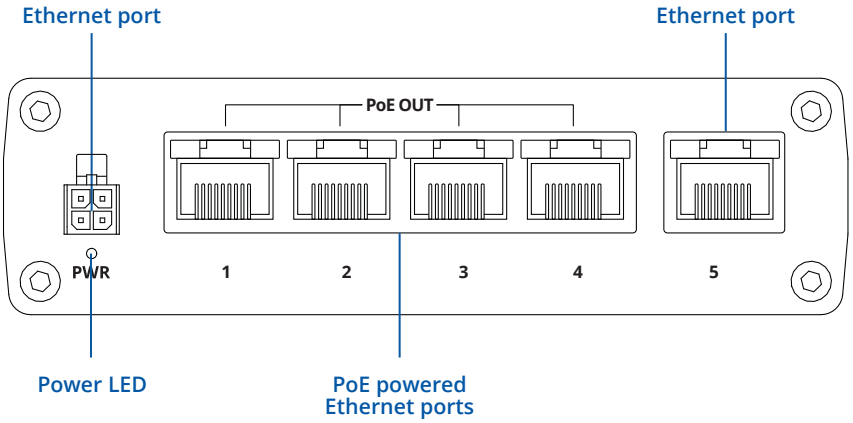
TELTONIKA | Networks

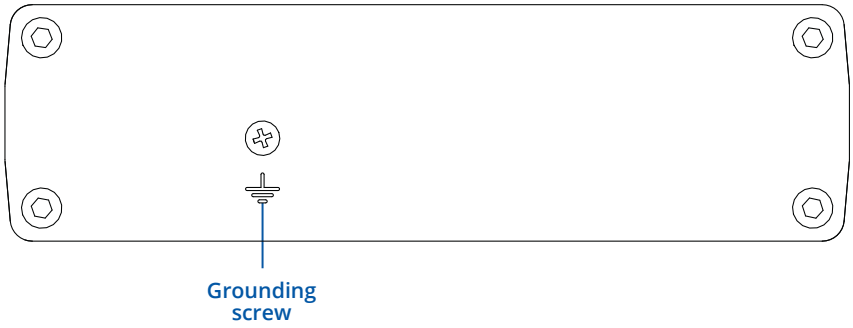
TSW100

HARDWARE

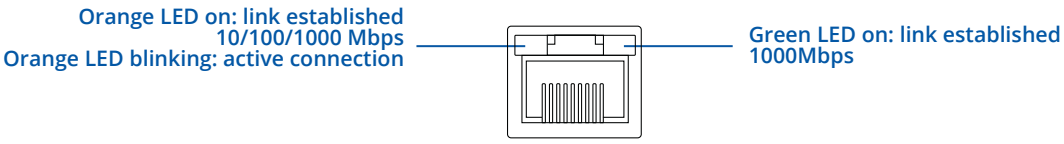
FRONT VIEW



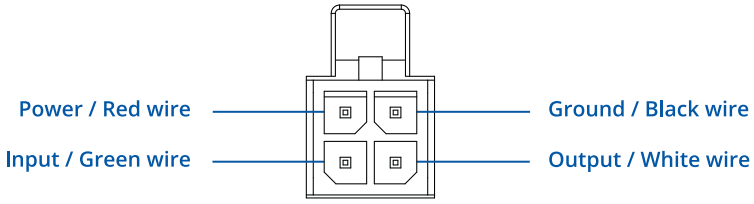
BACK VIEW



RJ45 LED MEANING



POWER SOCKET PINOUT



FEATURES

ETHERNET

LAN	5 x LAN port, 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover

POE

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

POWER

Connector	4 pin industrial DC power socket
Input voltage range	7-58 VDC
Power consumption (idle/max no PoE/max)	2 W/9 W/129 W

PHYSICAL INTERFACES (PORTS, LEDS)

Ethernet	5 x RJ45 ports, 10/100/1000 Mbps
Status LED's	1 x Power LED, 10 x LAN status LED's
Power	1 x 4 pin DC connector
Ground	1 x Grounding screw

PHYSICAL SPECIFICATION

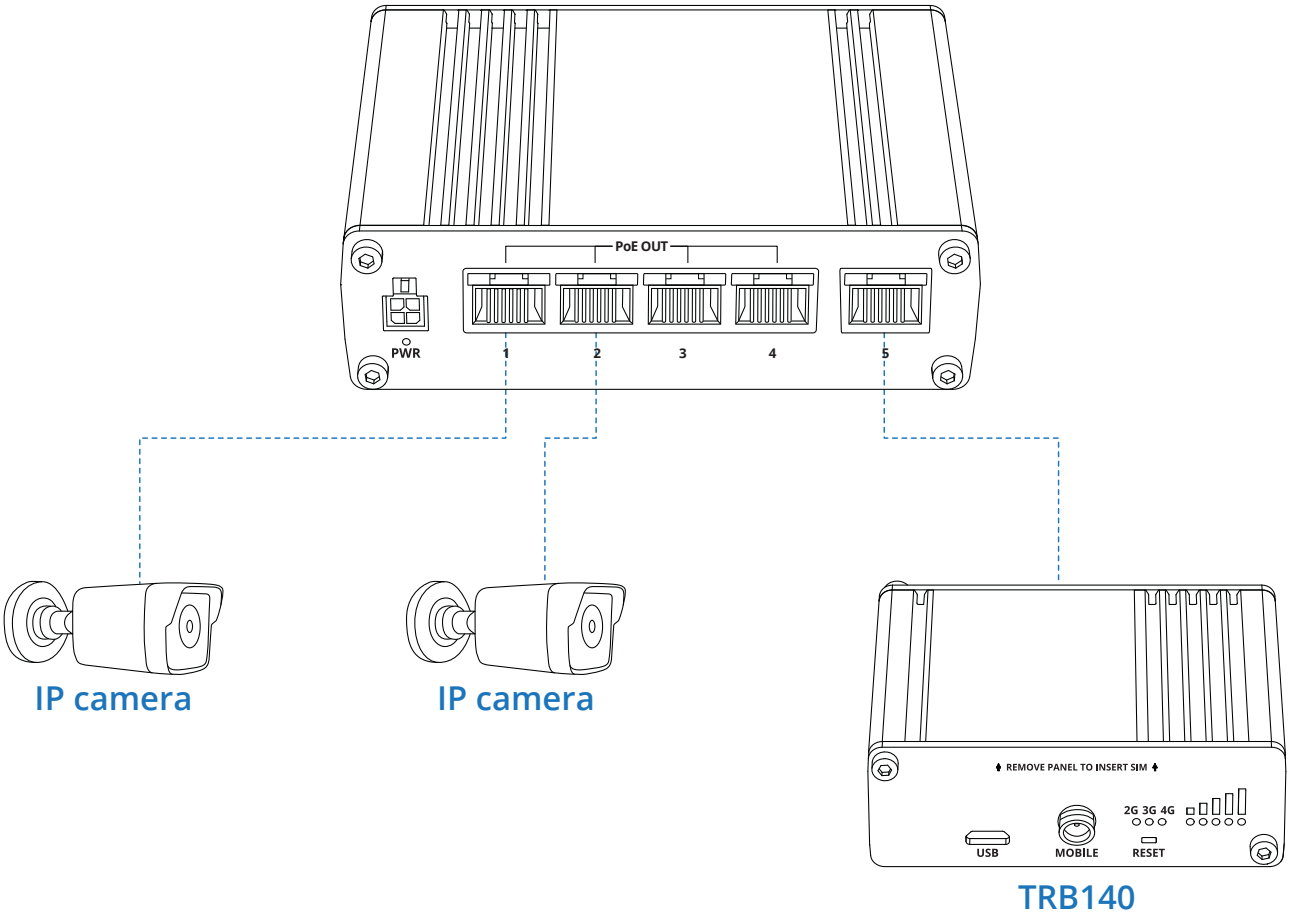
Casing material	Full aluminum housing
Dimensions	95 x 132 x 44 mm (L x W x H)
Mounting	DIN rail or wall mounting (additional kit needed), flat surface placement

OPERATING ENVIRONMENT

Operating temperature	-40 °C to +75 °C
Operating humidity	10 % to 90 % non condensing

HARDWARE INSTALLATION

1. Connect your main internet router/modem to TSW100 LAN port number 5.
2. Connect end devices (ex. IP camera) to TSW100 1 to 4 port, which you want to power via Ethernet.
3. Connect 4 pin power plug to TSW100 to power up switch.



TECHNICAL INFORMATION

Technical specifications	
Input voltage range*	7 – 58 VDC
Max power consumption no PoE devices connected	<9 W
Max PoE power budget at PSE**	120 W
Max Ethernet cable length	100 m
Bundled accessories specifications*	
Power adapter	Input: 1.8 A @100-240 VAC, Output: 50 VDC, 1.3 A, 4 pin plug

* PoE operates properly only when connected power supply outputs 44 V or higher voltage.
** Provided power supply only allows 60 W PoE power budget at PSE, to reach maximum 120 W at PSE >130 W power supply must be used
*** Order code dependent.

WHAT'S IN THE BOX?

STANDARD PACKAGE CONTAINS

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

TSW100

65 W EURO PSU

STANDARD ORDER CODES

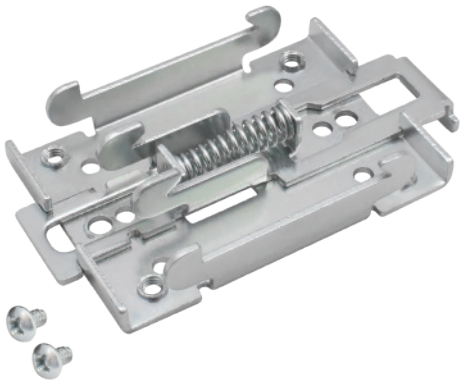
PRODUCT CODE	HS CODE	HTS CODE	PACKAGE CONTAINS
TSW100000000	851762	8517.62.00	Standard package

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

MOUNTING OPTIONS

DIN RAIL KIT

Parameter	Value
Mounting standard	35mm DIN Rail
Material	Low carbon steel
Weight	57g
Screws included	Philips Pan Head screw #6-32×3/16, 2pcs
Dimensions	82 mm x 46 mm x 20 mm
RoHS Compliant	V



DIN RAIL KIT

- DIN Rail adapter
- Philips Pan Head screw #6-32×3/16, 2pcs for RUT2xx/RUT9xx

ORDER CODE	PRODUCT CODE	HS CODE	HTS CODE
088-00267	PR5MEC00	73269098	7326.90.98

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

COMPACT DIN RAIL KIT

Parameter	Value
Mounting standard	35mm DIN Rail
Material	ABS + PC plastic
Weight	6.5 g
Screws included	Philips Pan Head screw #6-32×3/16, 2pcs
Dimensions	70 mm x 25 mm x 14,5 mm
RoHS Compliant	V

DIN RAIL KIT

- Compact plastic DIN Rail adapter (70x25x14,5mm)
- Philips Pan Head screw #6-32×3/16, 2pcs

ORDER CODE	PRODUCT CODE	HS CODE	HTS CODE
088-00270	PR5MEC11	73269098	7326.90.98

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

SURFACE MOUNTING KIT

Parameter	Value
Mounting standard	Flat surface mount
Material	ABS + PC plastic
Weight	2x5 g
Screws included	Philips Pan Head screw #6-32×3/16, 2pcs
Dimensions	25 mm x 48 mm x 7.5 mm
RoHS Compliant	V

DIN RAIL KIT

- Surface mounting kit
- Philips Pan Head screw #6-32×3/16, 2pcs

ORDER CODE	PRODUCT CODE	HS CODE	HTS CODE
088-00281	PR5MEC12	73269098	7326.90.98

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

TSW100 SPATIAL MEASUREMENTS & WEIGHT

MAIN MEASUREMENTS

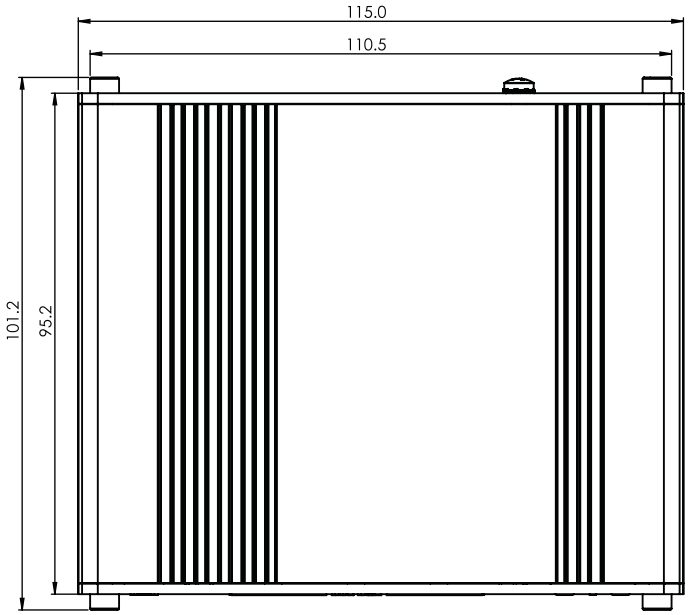
H x W x D dimensions for TSW100:

Device housing*:	95 x 115 x 32
Box:	173 x 148 x 71

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

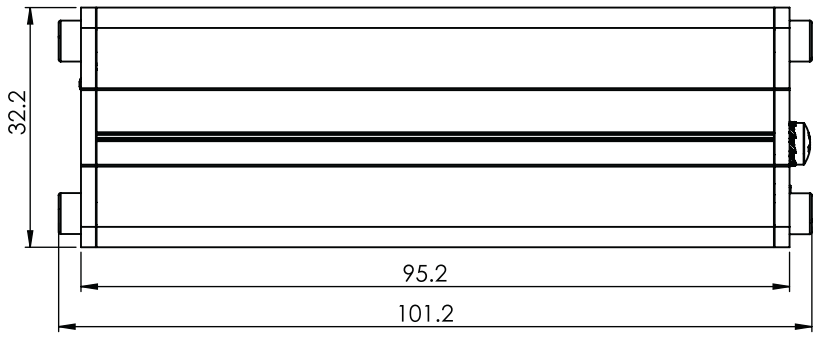
TOP VIEW

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



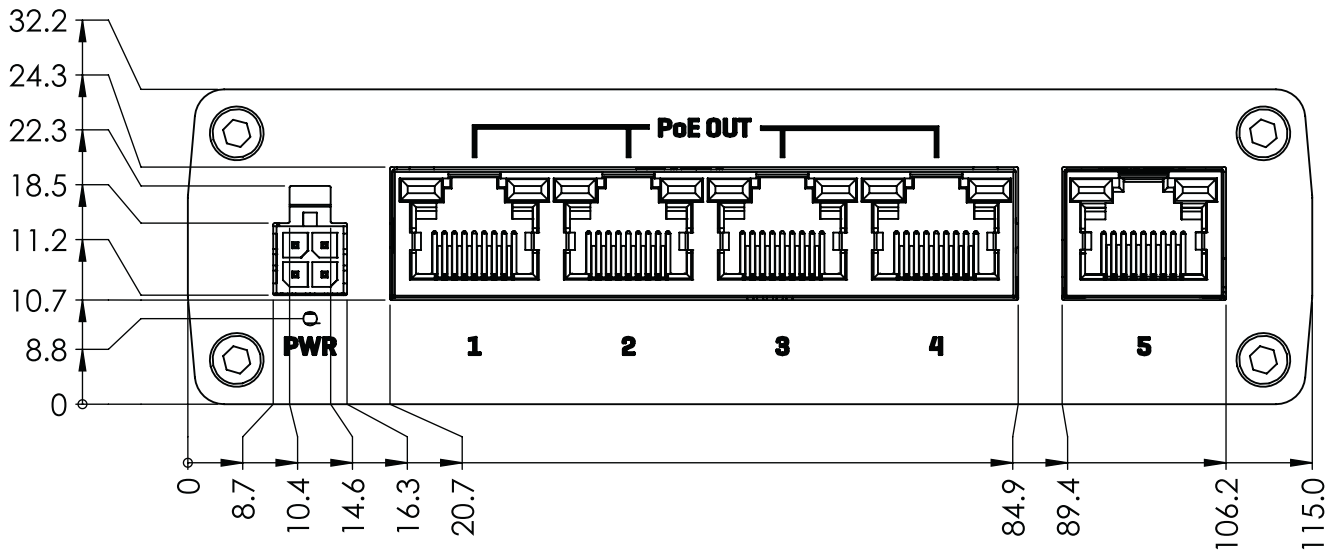
RIGHT VIEW

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



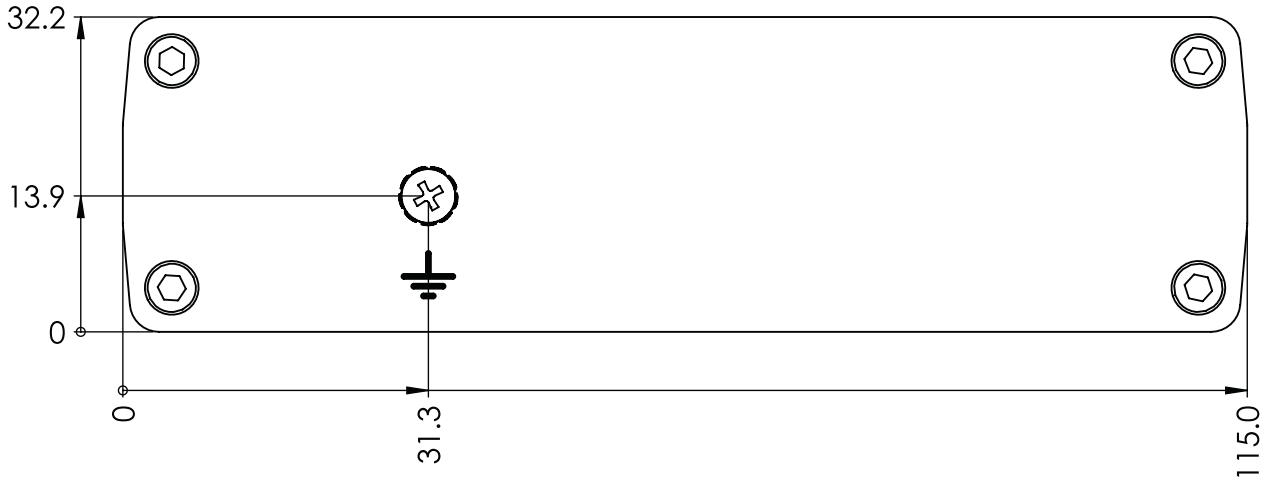
FRONT VIEW

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



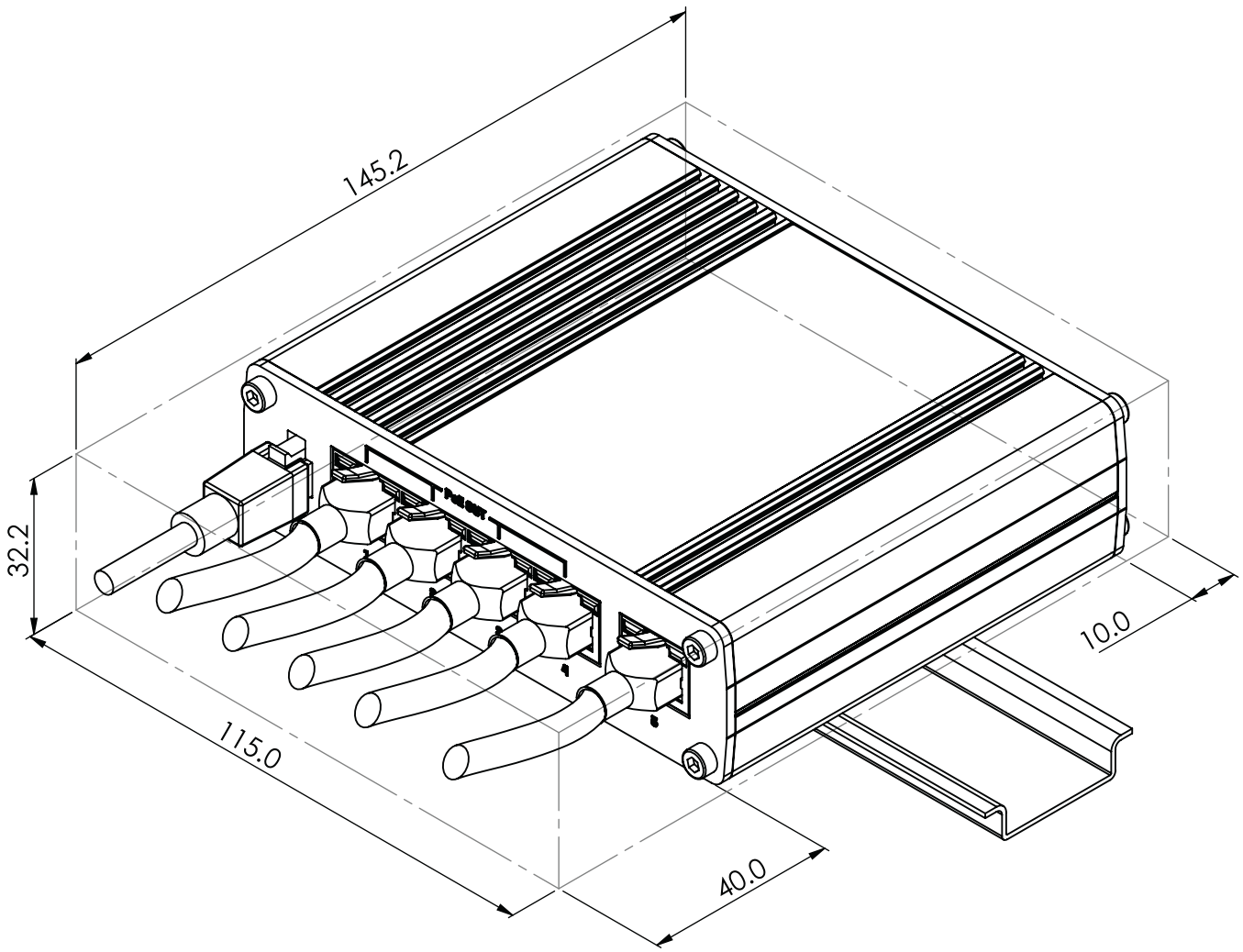
REAR VIEW

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: