TSW304

HARDWARE

FRONT VIEW

Power socket

Ethernet LEDs

PWR

1 2 3 4

Grounding screw

Power LED

Ethernet ports

BACK VIEW

Integrated DIN rail

RJ45 LED MEANING

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

Green LED on: link established 1000Mbps
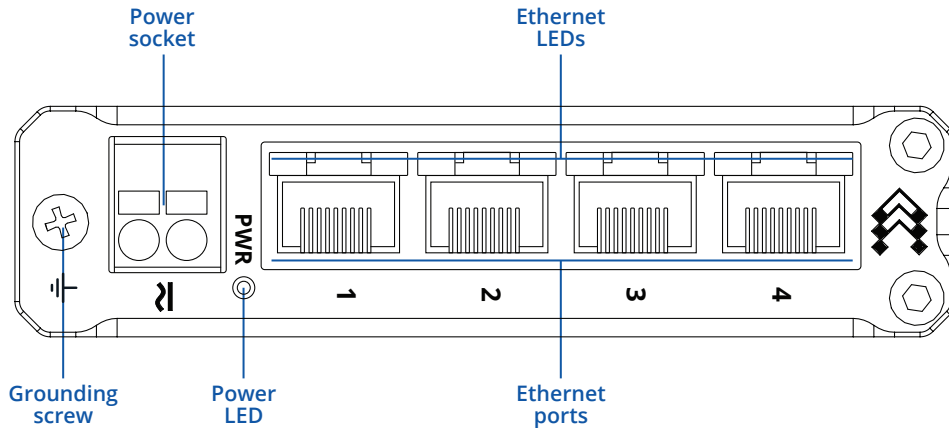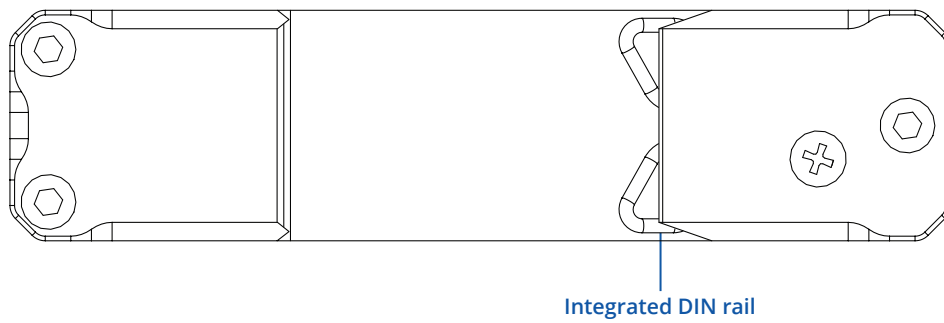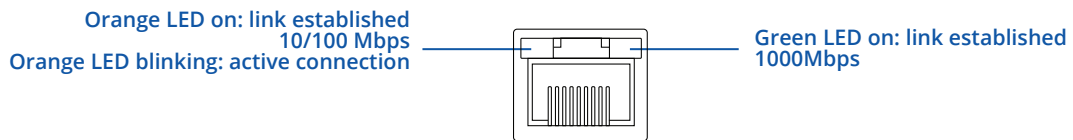
FEATURES

ETHERNET

LAN	4 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

PERFORMANCE SPECIFICATIONS

Bandwidth (Non-blocking)	8 Gbps
Packer buffer	128 KB
MAC address table size	2K entries
Jumbo frame support	9216 bytes

POWER

Connector	2-pin industrial DC power socket
Input voltage range	7 - 57 VDC; 9 - 40 VAC
PoE (passive)	Possibility to power up through ETH1 ports, not compatible with IEEE802.3af, 802.3at and 802.3bt standards, Mode B, 9 - 30 VDC
Power consumption	Idle: 0.26 W / Max: 1.44 W

PHYSICAL INTERFACES

Ethernet	4 x RJ45 ports, 10/100/1000 Mbps
Status LEDs	8 x ETH status LEDs, 1 x Power LED
Power	1 x 2-pin industrial DC power socket
Other	1 x Grounding screw

PHYSICAL SPECIFICATION

Casing material	Aluminum housing
Dimensions (W x H x D)	102 x 25 x 81.5 mm
Weight	210 g
Mounting options	DIN rail or wall mounting

OPERATING ENVIRONMENT

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

REGULATORY & TYPE APPROVALS

Regulatory	CE, REACH, RoHS, WEEE, UKCA, FCC, IC, CB, RCM

SAFETY

Standards	EN IEC 62368-1:2020+A11:2020 IEC 60068-2-6:2007 Environmental testing - Part 2-6 IEC 60068-2-27:2008 Environmental testing - Part 2-27 IEC 60068-2-31:2008 Environmental testing - Part 2-31

STANDARD PACKAGE*

- TSW304
- QSG (Quick Start Guide)
- Packaging box

TSW304

QSG
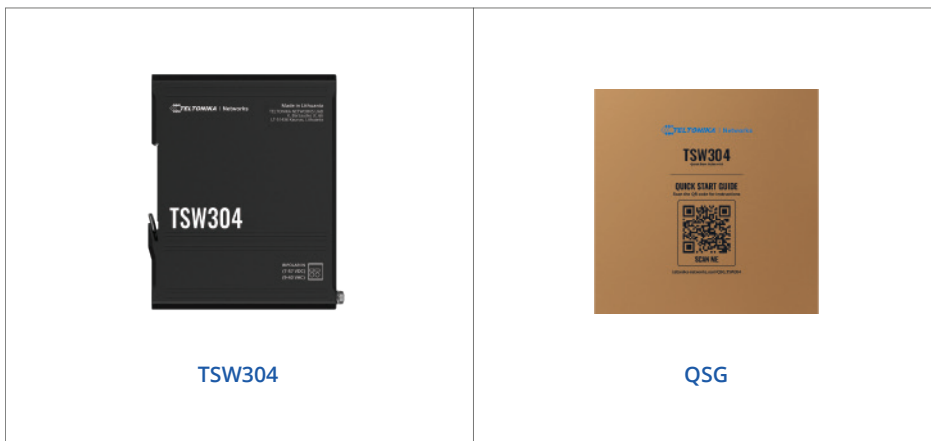
CLASSIFICATION CODES

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
TSW304 ******	N/A	TSW304000000 / Standard package TSW304000010 / Mass packing code

TSW304 SPATIAL MEASUREMENTS

MAIN MEASUREMENTS

W x H x D dimensions for TSW304:

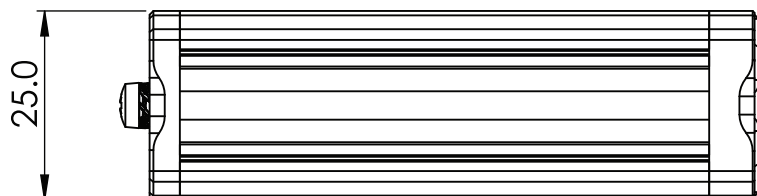|	
Device housing*:	102 x 25 x 81.5 mm
Box:	173 x 71 x 148 mm

TOP VIEW

The figure below depicts the measurements of TSW304 and its components as seen from the top:
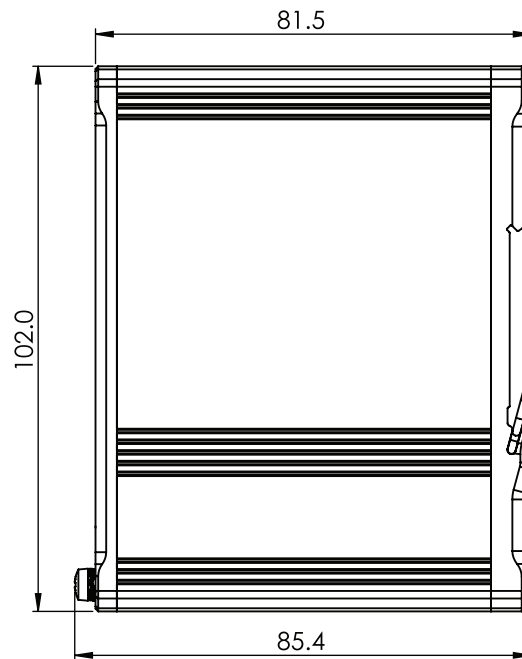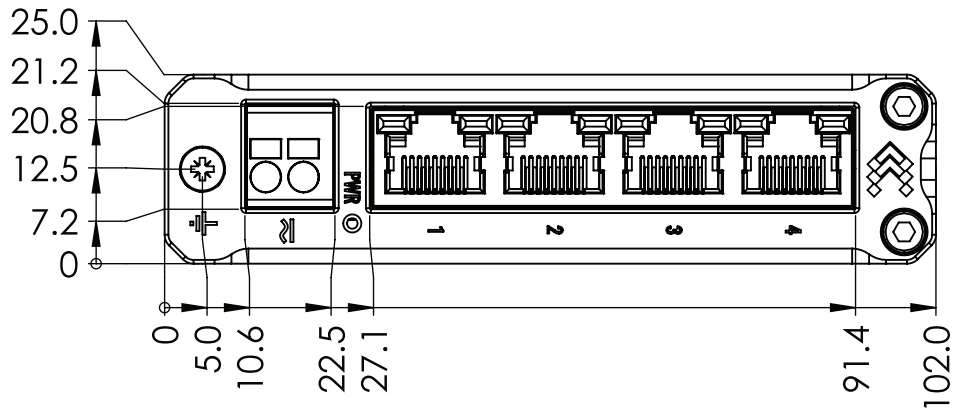

RIGHT VIEW

The figure below depicts the measurements of TSW304 and its components as seen from the right side:
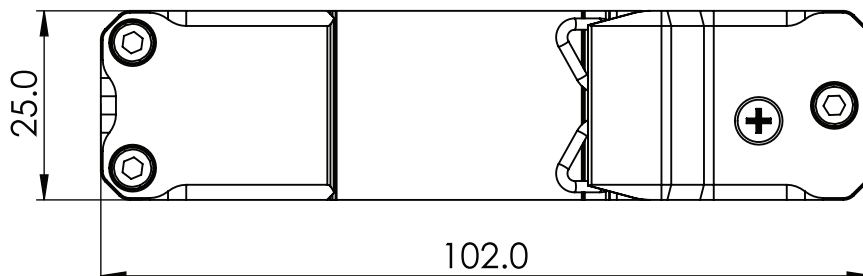
FRONT VIEW

The figure below depicts the measurements of TSW304 and its components as seen from the front panel side:
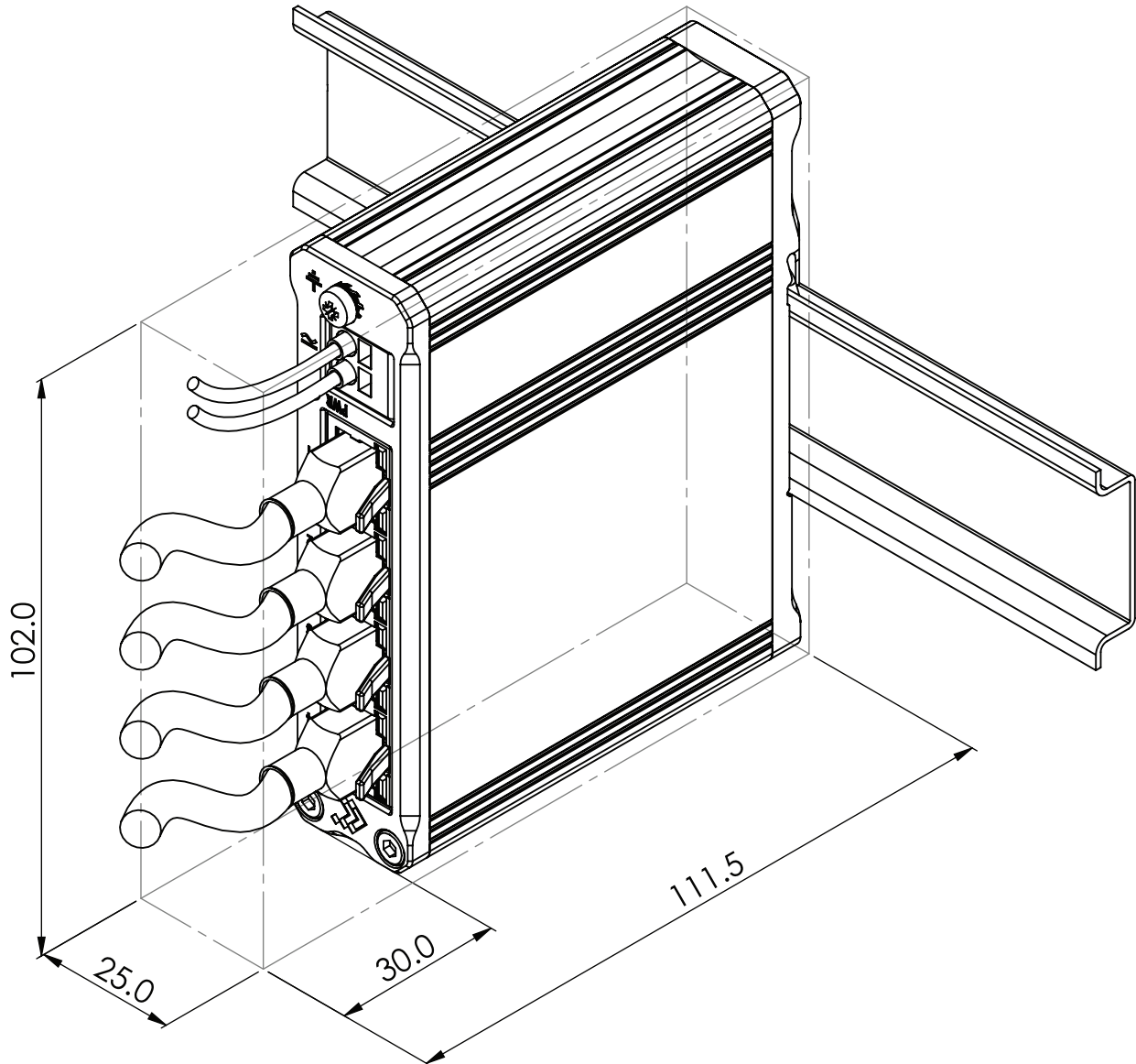

REAR VIEW

The figure below depicts the measurements of TSW304 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: