TELTONIKA | Networks

# TSW101

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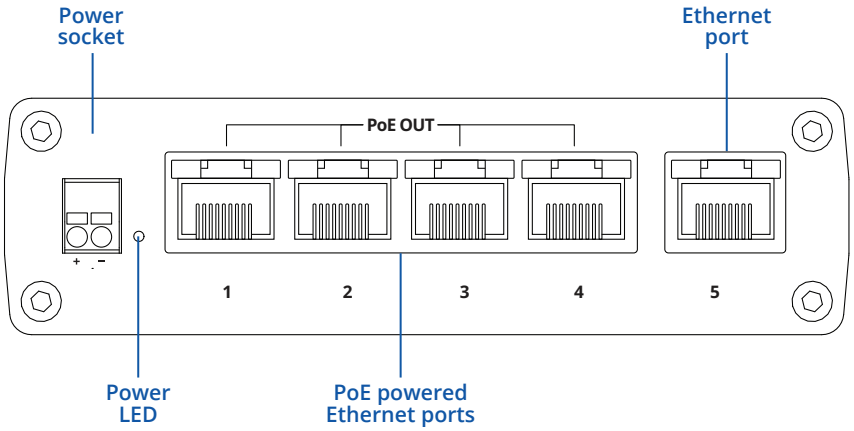
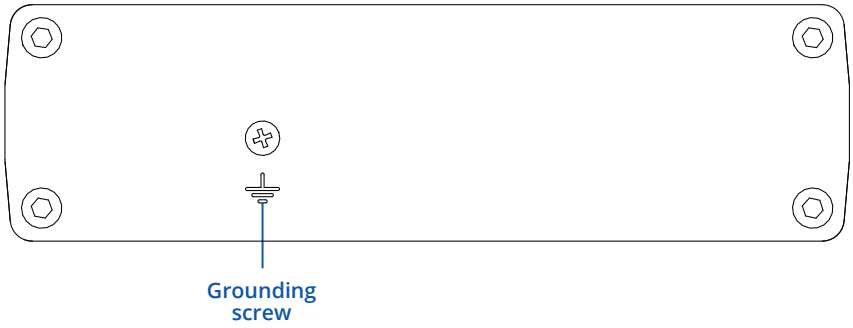
# HARDWARE

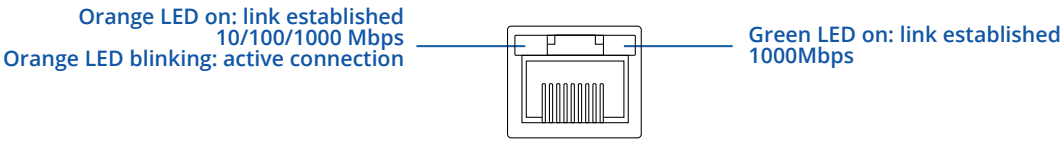
## FRONT VIEW



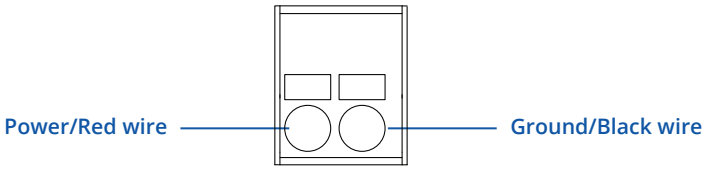

## BACK VIEW




## RJ45 LED MEANING




## POWER SOCKET PINOUT

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# 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 |
| Total PoE Power Budget (at PSE) | 60 W |
| Maximum Ethernet cable length | 100 m |

## PERFORMANCE SPECIFICATIONS

| | |
|---|---|
| Bandwidth (Non-blocking) | 10 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 | 9 – 30 VDC |
| PoE-out input voltage range | 9 – 30 VDC |
| Power consumption | Idle: 0.64 W / Max: 2.31 W / PoE Max: 60 W |

## PHYSICAL INTERFACES

| | |
|---|---|
| Ethernet | 5 x RJ45 ports, 10/100/1000 Mbps |
| Status LEDs | 1 x Power LED, 10 x LAN status LEDs |
| 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) | 115 x 32 x 95 mm |
| Weight | 384 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

| | |
|---|---|
| Operating temperature | CE, REACH, RoHS, WEEE<br>TSW101 CE<br>TSW101 UKCA<br>TSW101 FCC<br>TSW101 IC<br>TSW101 CB<br>TSW101 RCM<br>E-Mark |

## SAFETY

| | |
|---|---|
| Standards | EN IEC 62368-1:2020+A11:2020 |

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# WHAT'S IN THE BOX?

### STANDARD PACKAGE CONTAINS

- TSW101
- QSG (Quick Start Guide)
- Packaging box

TSW101

QSG

# STANDARD ORDER CODES

| PRODUCT CODE | HS CODE | HTS CODE | PACKAGE CONTAINS |
|---|---|---|---|
| TSW101 000000 | 851762 | 8517.62.00 | Standard package |

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

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# TSW101 SPATIAL MEASUREMENTS & WEIGHT

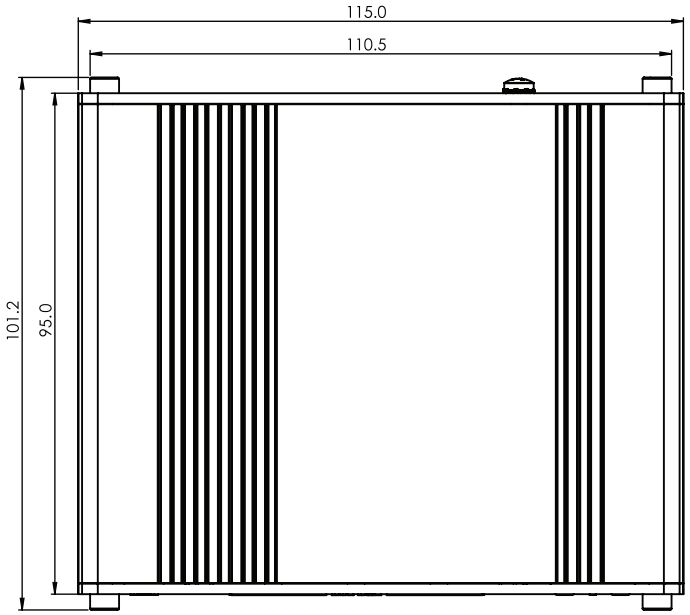
## MAIN MEASUREMENTS

W x H x D dimensions for TSW101:

| | |
|---|---|
| Device housing: | 115 x 32 x 95 mm |
| Box: | 173 x 71 x 148 mm |

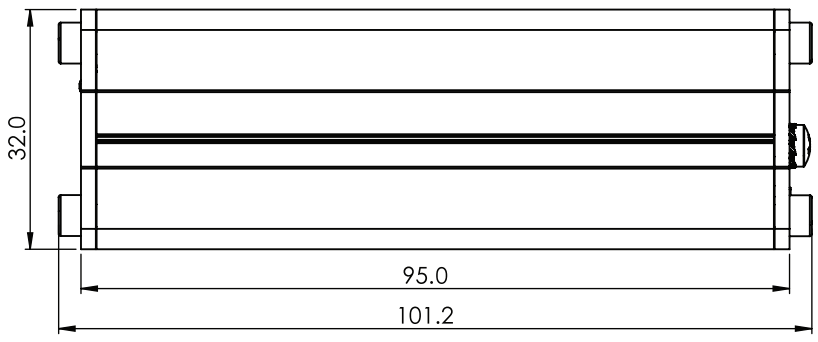
## TOP VIEW

The figure below depicts the measurements of TSW101 and its components as seen from the top:




## RIGHT VIEW

The figure below depicts the measurements of TSW101 and its components as seen from the right side:

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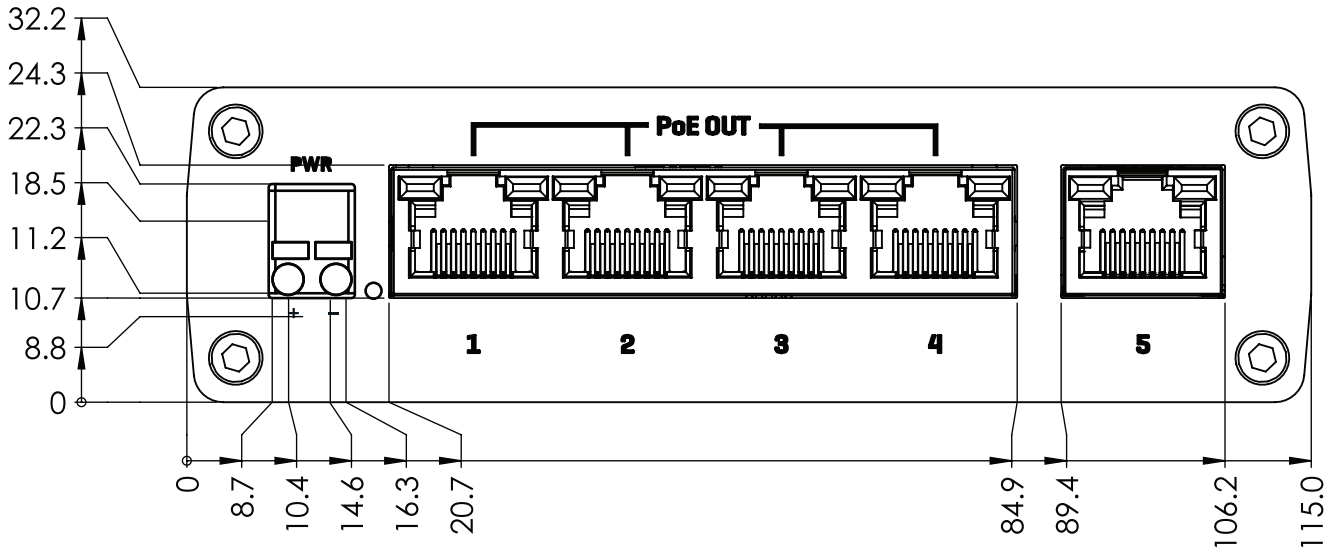
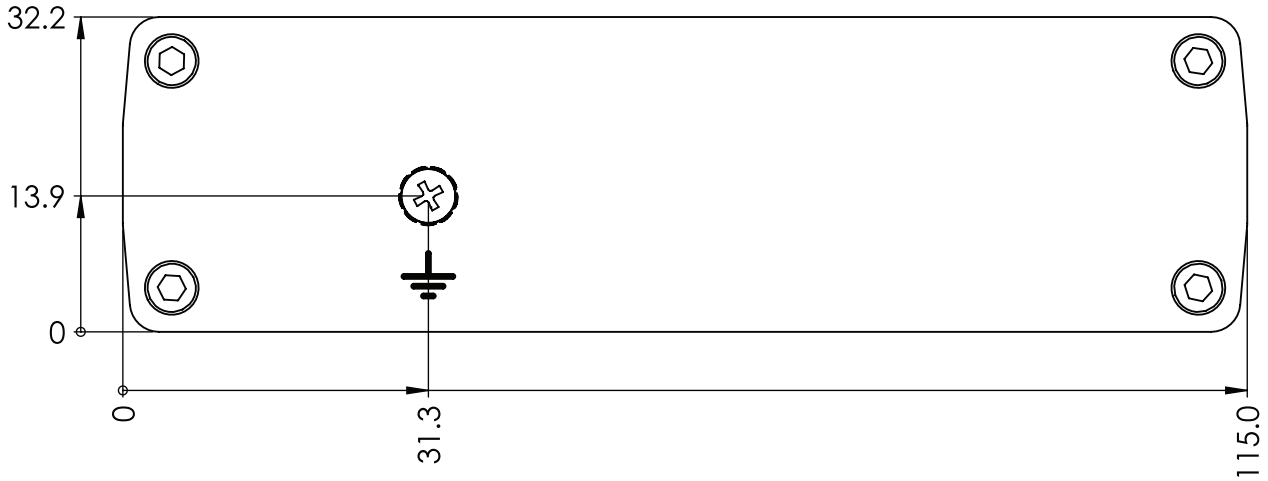
## FRONT VIEW

The figure below depicts the measurements of TSW101 and its components as seen from the front panel side:




## REAR VIEW

The figure below depicts the measurements of TSW101 and its components as seen from the back panel side:

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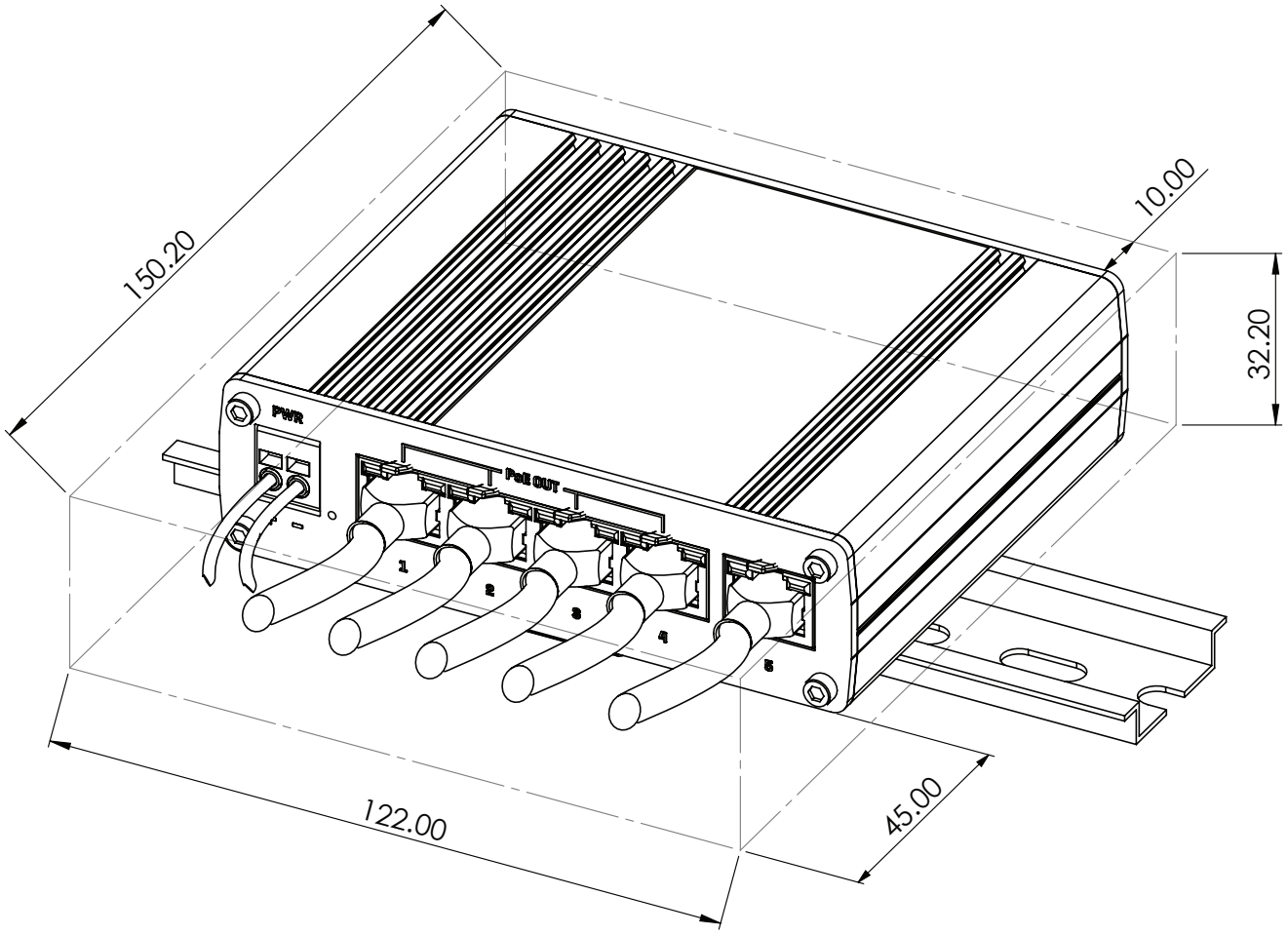
## MOUNTING SPACE REQUIREMENTS

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

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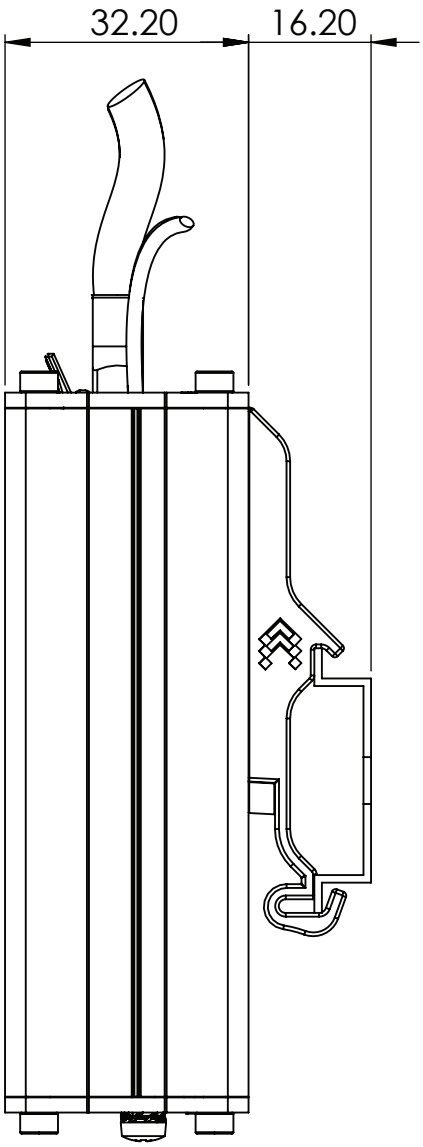
## DIN RAIL

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

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# X-ON Electronics

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