



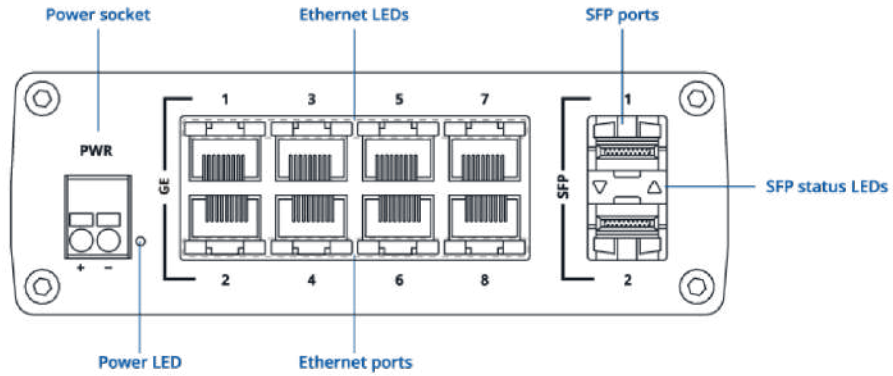
TSW210

v1.1

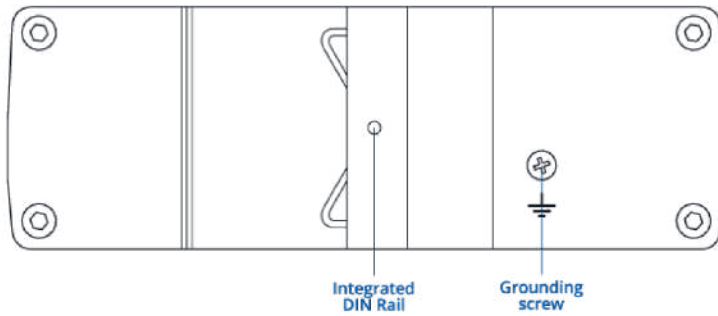


HARDWARE

FRONT VIEW



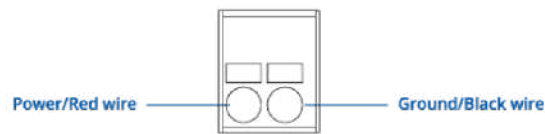
BACK VIEW



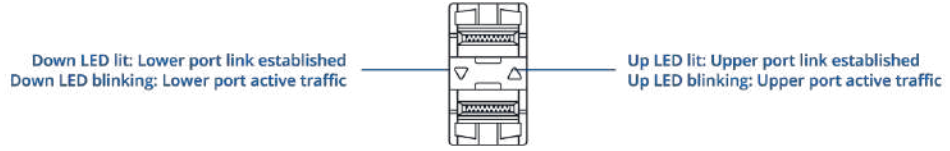
RJ45 LED MEANING



POWER SOCKET PINOUT



SFP LED MEANING



FEATURES

Ethernet

| | |
|------------------------------------|---|
| ETH | 8 x ETH ports, 10/100/1000 Mbps, supports auto MDI/MDIX crossover |
| Fibre | 2 x SFP ports |
| IEEE 802.3 series standards | 802.3i, 802.3u, 802.3ab, 802.3x, 802.3az |

INDUSTRIAL PROTOCOLS

| | |
|-----------------|---|
| Profinet | Profinet Class A conformance (available with optional order code) |
|-----------------|---|

Performance Specifications

| | |
|---------------------------------|------------|
| Bandwidth (Non-blocking) | 20 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 |
| Power consumption | Idle: ~1.03 W / Max: 3.71 W |

Physical Interfaces

| | |
|--------------------|---|
| Ethernet | 8 x RJ45 ports, 10/100/1000 Mbps |
| Fibre | 2 x SFP ports |
| Status LEDs | 1 x Power LED, 16 x ETH status LEDs 2 x SFP status LEDs |
| Power | 1 x 2-pin industrial DC power socket |
| Other | 1 x Grounding screw |

Physical Specification

| | |
|-------------------------------|---|
| Casing material | Full aluminum housing |
| Dimensions (W x H x D) | 132 x 44.2 x 95.1 mm |
| Weight | 500 g |
| Mounting options | Integrated DIN rail bracket, wall mount, flat surface (additional kit needed) |

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, UKCA, CITC, ANRT, FCC, IC, RCM, CB, EAC, Kenya, NOM, UL/CSA, Japan, SDPPI (POSTEL) |
|-------------------|--|

EMC Emissions & Immunity

| | |
|---|--|
| Standards | EN 55032:2015 + A1:2020 EN 55035:2017 + A1:2020 EN IEC 61000-3-2:2019 + A1:2021 EN 61000-3-3:2013 + A1:2019 |
| ESD | EN 61000-4-2:2009 |
| EFT | EN 61000-4-4:2012 |
| Surge Immunity (AC Mains Power Port) | EN 61000-4-5:2014 + A1:2017 |
| CS | EN 61000-4-6:2014 |
| DIP | EN IEC 61000-4-11:2020 |

Safety

| | |
|------------------|---|
| Standards | IEC 62368-1:2018 EN IEC 62368-1:2020+A1:2020 |
|------------------|---|

Safety (Hazardous Locations)

| | |
|------------------|--|
| Standards | UL 62368-1 CAN/CSA C22.2 No. 62368-1-19 |
|------------------|--|

ORDERING

STANDARD PACKAGE*



- TSW210
- QSG (Quick Start Guide)
- Packaging box

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

For more information on all available packaging options – please [contact us](#) directly.

CLASSIFICATION CODES

HS Code: 851762

HTS: 8517.62.00

AVAILABLE VERSIONS

| | | |
|---------------|-----|---|
| TSW210 *****0 | N/A | TSW210000040 / Standard package |
| TSW210 *****1 | N/A | TSW210000011 / Standard package without PSU |

Profinet Class A conformance

TSW210 SPATIAL MEASUREMENTS

PHYSICAL SPECIFICATION

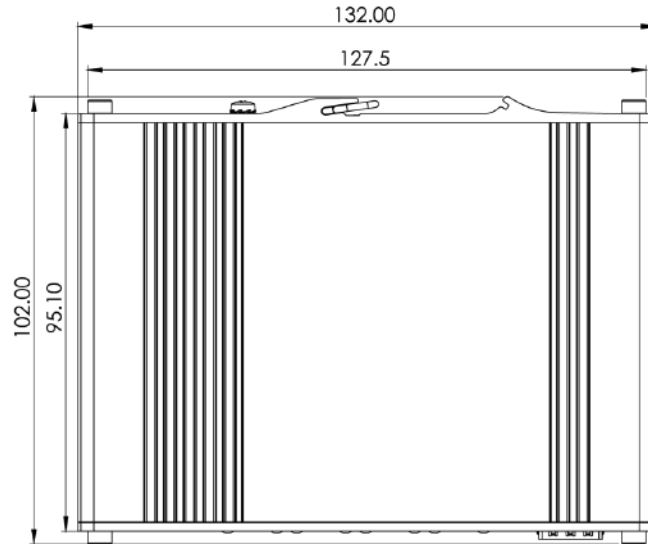
Device housing (W x H x D)* 132 x 44.2 x 95.1 mm

Box (W x H x D): 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.

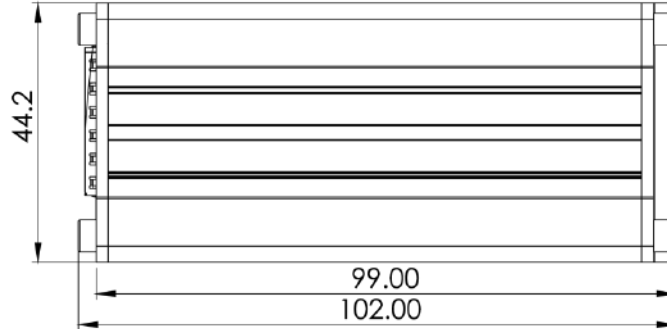
TOP VIEW

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



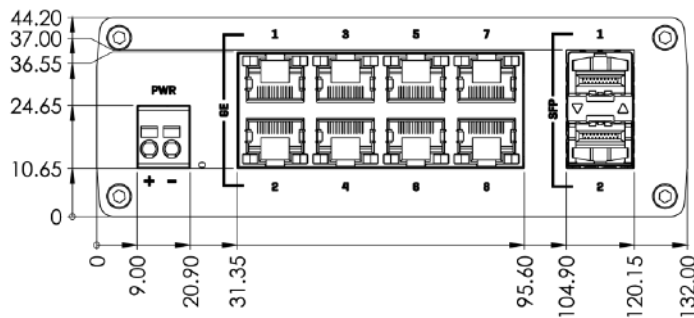
RIGHT VIEW

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



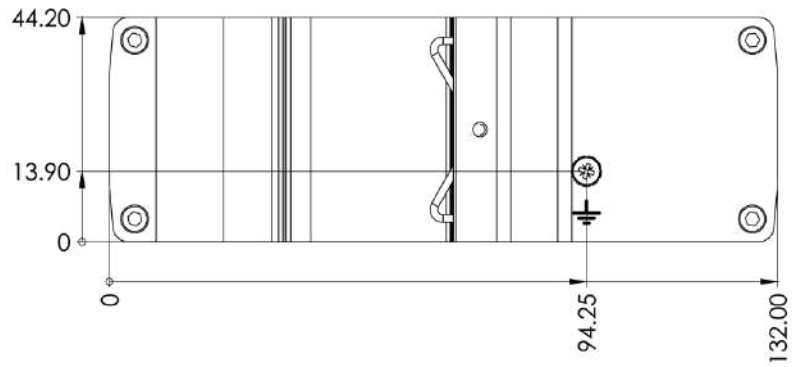
FRONT VIEW

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



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:

