TELTONIKA | Networks

# TSW200

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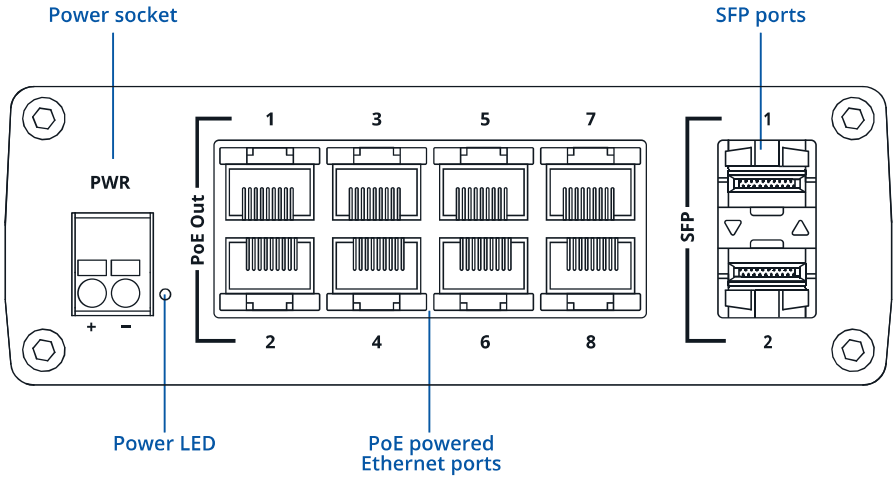
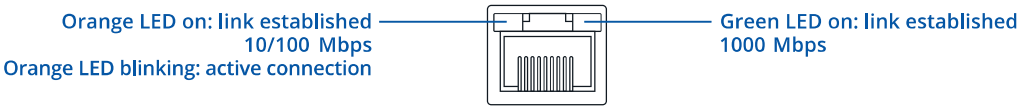
# HARDWARE

## FRONT VIEW

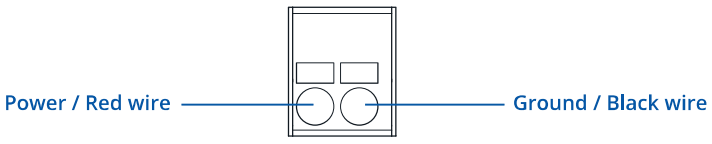



## BACK VIEW

## RJ45 LED MEANING




## POWER SOCKET PINOUT

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# FEATURES

## ETHERNET

| | |
|---|---|
| LAN | 8 x LAN ports, 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover |
| Fiber | 2 x SFP ports |

## POE

| | |
|---|---|
| PoE ports | Port 1 - 8 |
| PoE standards | 802.3af and 802.3at |
| PoE Max Power per Port (at PSE) | 30 W |
| Total PoE Power Budget (at PSE) | 240 W |

## PERFORMANCE SPECIFICATIONS

| | |
|---|---|
| Bandwidth (Non-blocking) | 20 Gbps |
| Packet buffer | 128 KB |
| MAC address table size | 2K entries |

## POWER

| | |
|---|---|
| Connector | 2 pin industrial DC power socket |
| Input voltage range | 7-57 VDC |
| Input voltage range for PoE | 44-57 VDC |
| Power consumption (idle/max no PoE/max) | 1,81 W/5.5 W/245.5 W |

## PHYSICAL INTERFACES (PORTS, LEDS)

| | |
|---|---|
| Ethernet | 8 x RJ45 ports, 10/100/1000 Mbps |
| Fiber | 2 x SFP ports |
| Status LED's | 1 x Power LED, 16 x LAN status LED's 2 x SFP status LED's |
| Power | 1 x 2 pin industrial DC power socket |
| Ground | 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 | 456 g |
| 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 |
| Ingress Protection Rating | IP30 |

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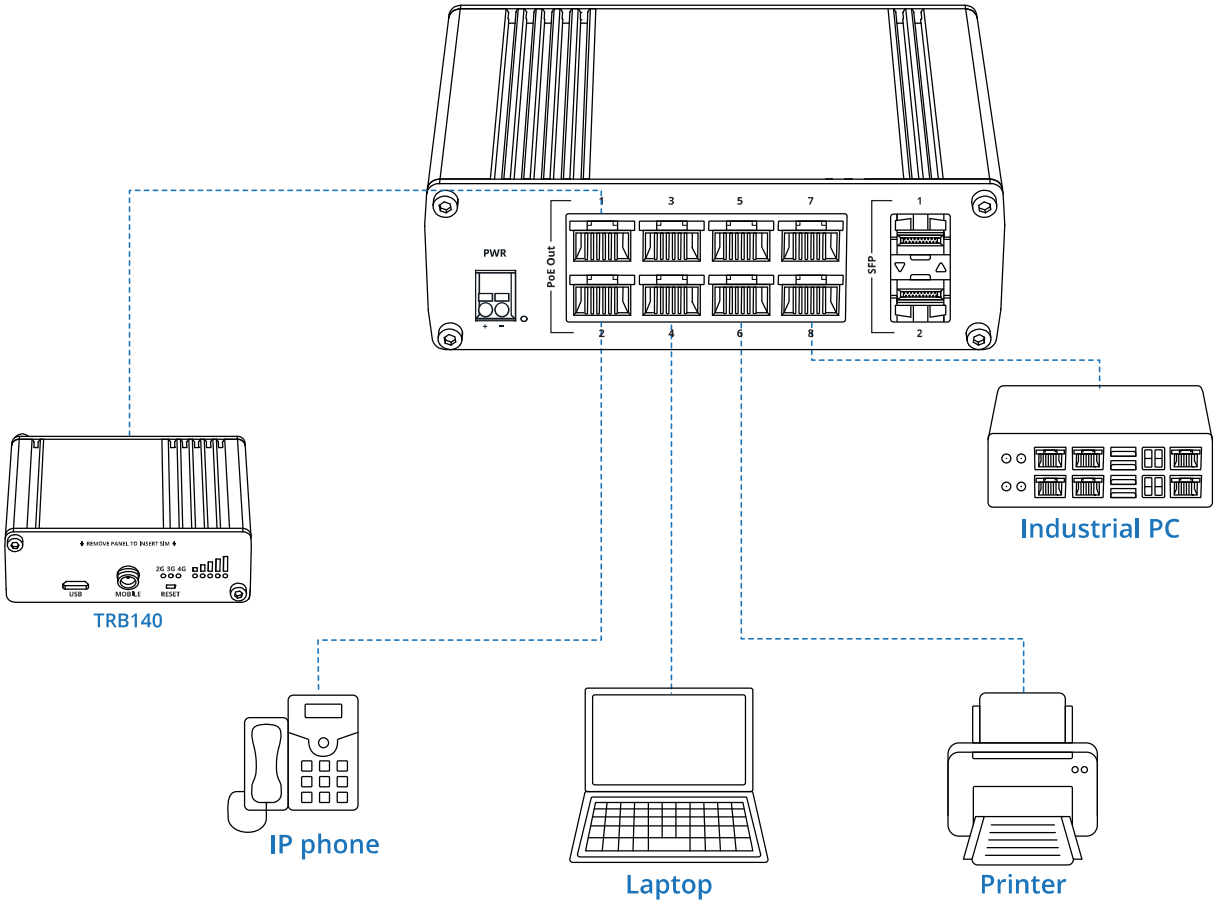
# HARDWARE INSTALLATION

1. Connect your main internet router/modem to TSW200.
2. Connect end devices (ex. IP camera) to TSW200 1 to 8 port, which you want to power via Ethernet.
3. Connect 2 pin power plug to TSW200 to power up switch




## TECHNICAL INFORMATION

| Technical specifications | |
|---|---|
| Input voltage range* | 7 – 57 VDC |
| Max power consumption no PoE devices connected | 5.5 W |
| Max PoE power budget at PSE** | 240 W |
| Max Ethernet cable length | 100 m |
| **Bundled accessories specifications*** | |
| No accessories | |

* PoE operates properly only when connected power supply outputs 44 V or higher voltage.
** Order code dependent.

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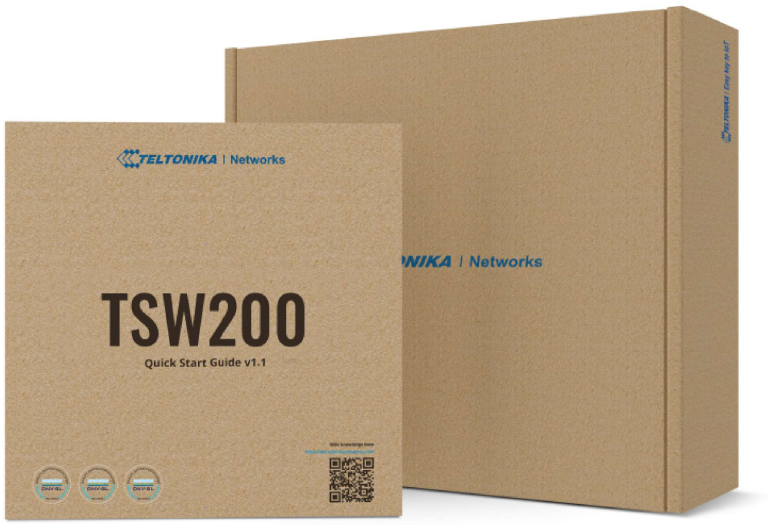
# WHAT'S IN THE BOX?

## STANDARD PACKAGE CONTAINS*

- TSW200
- QSG (Quick Start Guide)
- Packaging box



TSW200

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

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# STANDARD ORDER CODES

| PRODUCT CODE | HS CODE | HTS CODE | PACKAGE CONTAINS |
|---|---|---|---|
| TSW200 000010 | 851762 | 8517.62.00 | Standard package |

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

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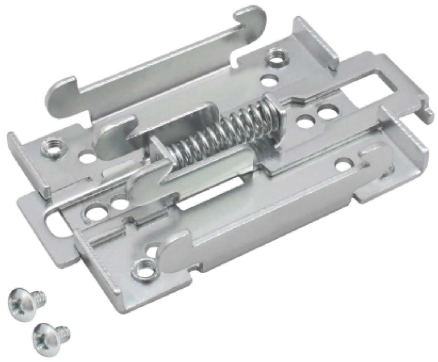
# MOUNTING OPTIONS

## 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 | HS CODE | HTS CODE |
|---|---|---|
| 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 | HS CODE | HTS CODE |
|---|---|---|
| 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 | HS CODE | HTS CODE |
|---|---|---|
| PR5MEC12 | 73269098 | 7326.90.98 |

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