TSW110

L2 UNMANAGED ETHERNET SWITCH



Energy & utilities

Enterprise

Industrial & automation

Retail

Smart city

GIGABIT ETHERNET

5 x Gigabit Ethernet with speeds up to 1000 Mbps

DURABILITY

Rugged aluminium housing

MOUNTING

DIN rail and surface mounting options

TEMPERATURE

Operating temperature from -40 °C to 75 °C

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INDUSTRIAL PROTOCOLS	
Profinet	Profinet Class A conformance (available with optional order code)

Ethernet	
ETH	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

Power	
Connector	4-pin industrial DC power socket
Input voltage range	9 – 30 VDC
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	< 0.4 W/ < 1.8 W

Physical Interfaces	
Ethernet	5 x RJ45 ports, 10/100/1000 Mbps
Status LEDs	1 x Power LED, 10 x ETH status LEDs
Power	1 x 4-pin power connector
Other	1 x Grounding screw

Physical Specification	
Casing material	Full aluminium housing
Dimensions (W x H x D)	100 x 30 x 85 mm
Weight	227 g
Mounting options	DIN rail, wall mount, flat surface (all require additional kit)

Operating Environment	
Operating temperature	-40 °C to 75 °C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP30

Performance Specifications	
Bandwidth (Non-blocking)	10 Gbps
Packer buffer	128 KB
MAC address table size	2K entries
Jumbo frame support	9216 bytes

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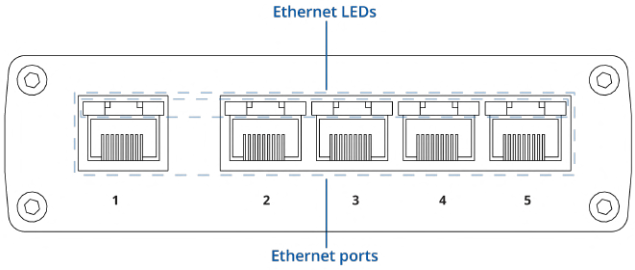
Certification

EMEA	TSW110 CE TSW110 UKCA TSW110 EAC TSW110 Ukraine UCRF TSW110 RoHS TSW110 REACH TSW110 CITC TSW110 Kenya TSW110 Morocco ANRT
APAC	TSW110 RCM TSW110 BSMI TSW110 SDPPI (POSTEL) TSW110 MTCTE
AMERICAS	TSW110 FCC TSW110 IC(ISED) TSW110 Anatel TSW110 NOM
MISCELLANEOUS	TSW110 CB Scheme
SAFETY & ENVIROINMENTAL	TSW110 WEEE

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Hardware

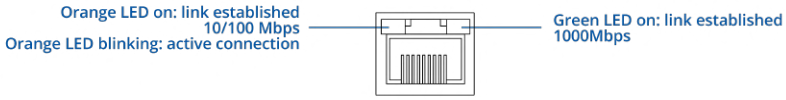
FRONT VIEW



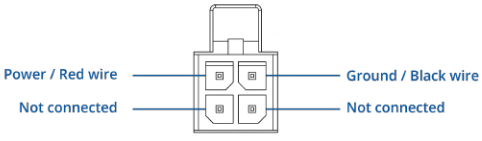
BACK VIEW



RJ45 LED MEANING



POWER SOCKET PINOUT



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Ordering

Standard package*



TSW110



QUICK START GUIDE



9W PSU

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

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

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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
TSW110 *****0	N/A	TSW110000000 / Standard package with EU PSU TSW110000010 / Standard package with US PSU TSW110000030 / Standard package with UK PSU TSW110000020 / Standard package with AU PSU TSW110000090 / Standard package with Universal PSU TSW110000060 / Mass packing code
TSW110 *****1 **Profinet Class A conformance**	N/A	TSW110000001 / Standard package with EU PSU

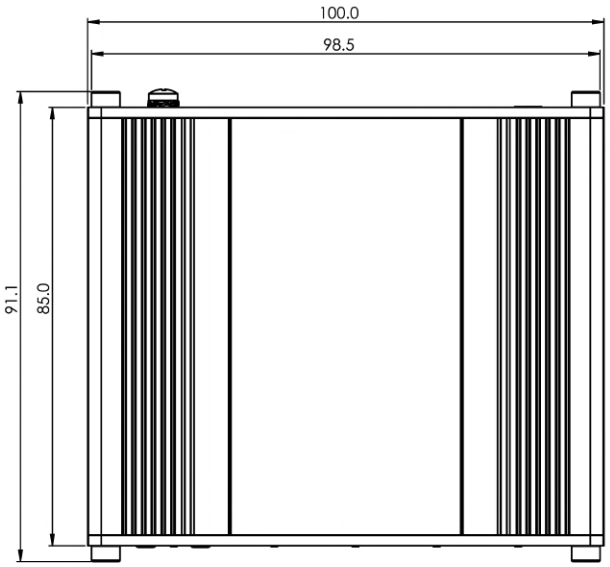
TSW110 spatial measurements

Available versions	
Device housing (W x H x D)*	100 × 30 × 85 mm
Box (W x H x D):	173 × 71 × 148 mm
	*Housing measurements are presented without antenna connectors and screws; for measurements of other device elements look to the sections below

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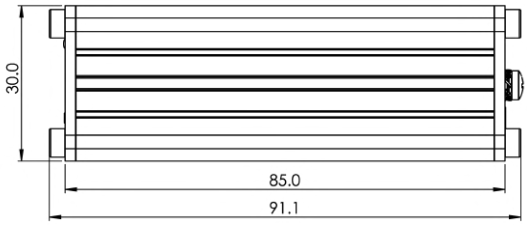
TOP VIEW

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



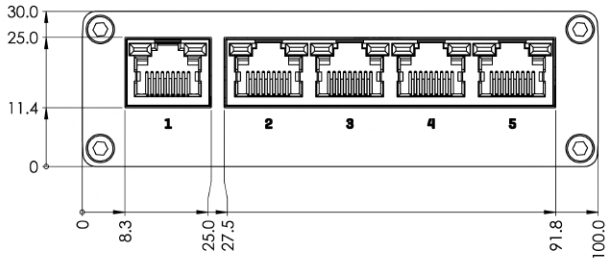
RIGHT VIEW

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



FRONT VIEW

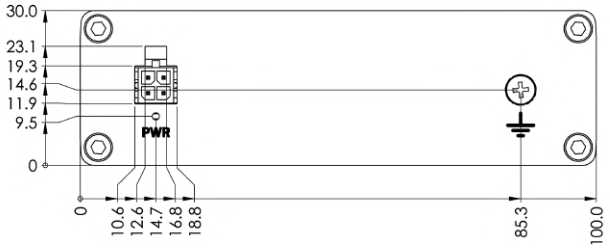
The figure below depicts the measurements of device and its components as seen from the front panel side:



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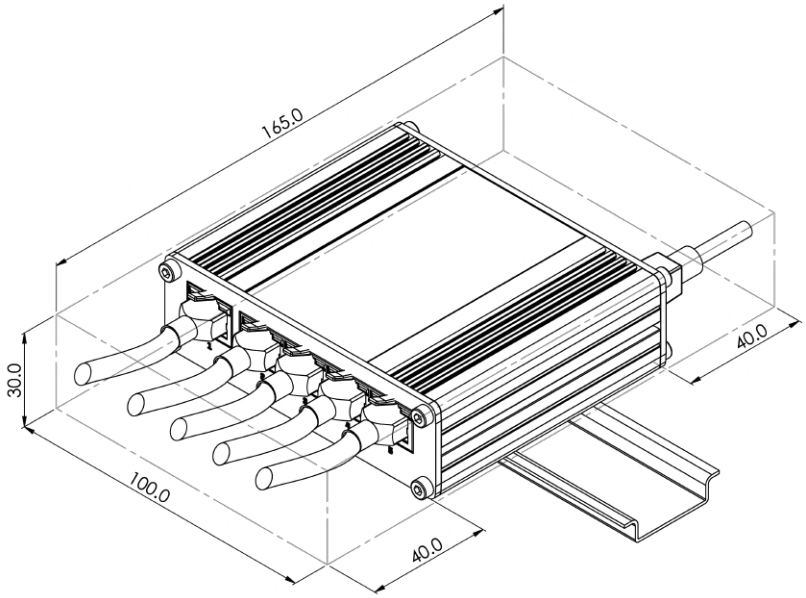
REAR VIEW

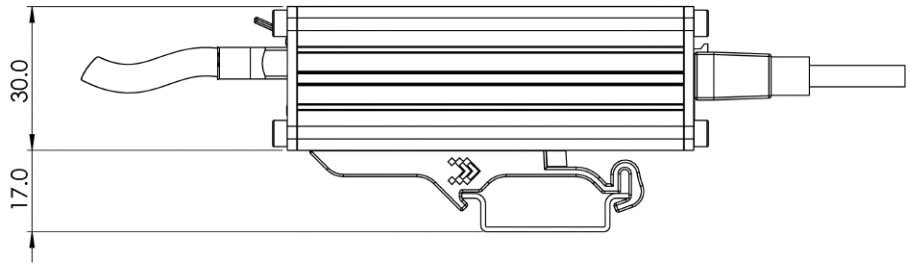
The figure below depicts the measurements of device and its components as seen from the back panel side:



MOUNTING SPACE REQUIREMENTS

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





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