



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

INDUSTRIAL PROTOCOLS

Profinet	Profinet Class A conformance (available with optional order code)
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Ethernet

ETH	5 x ETH ports, 10/100/1000 Mbps, supports auto MDI/MDIX crossover
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IEEE 802.3 series standards	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az
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Power

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

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

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

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

Bandwidth (Non-blocking)	10 Gbps
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Packer buffer	128 KB
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MAC address table size	2K entries
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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

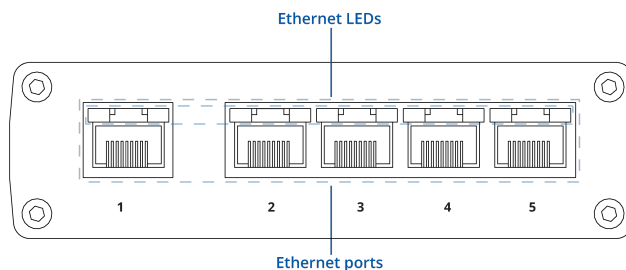
AMERICAS	TSW110 FCC
	TSW110 IC(ISED)
	TSW110 Anatel
	TSW110 NOM

MISCELLANEOUS	TSW110 CB Scheme
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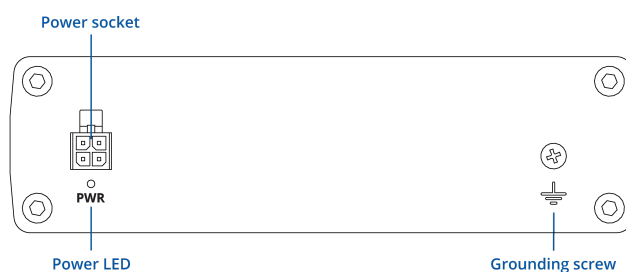
SAFETY & ENVIROINMENTAL	TSW110 WEEE
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Hardware

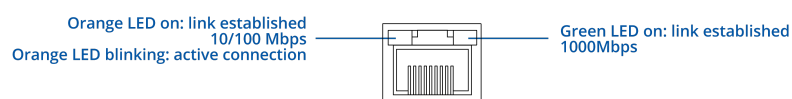
FRONT VIEW



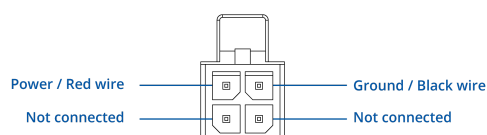
BACK VIEW



RJ45 LED MEANING



POWER SOCKET PINOUT



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.

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

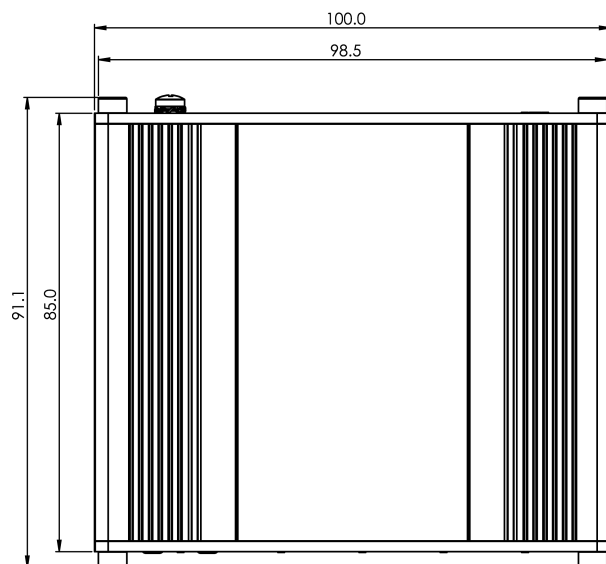
Available versions

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

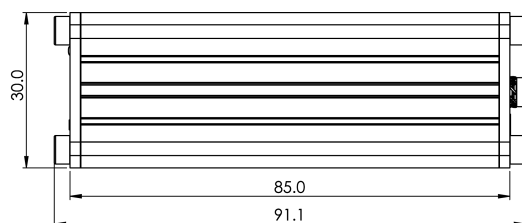
TOP VIEW

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



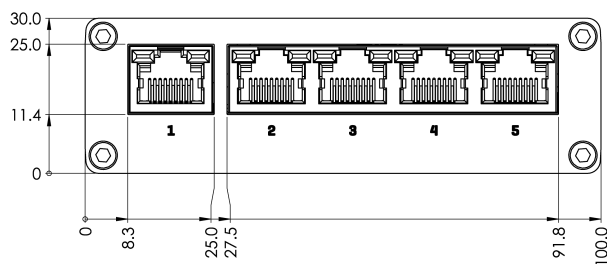
RIGHT VIEW

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



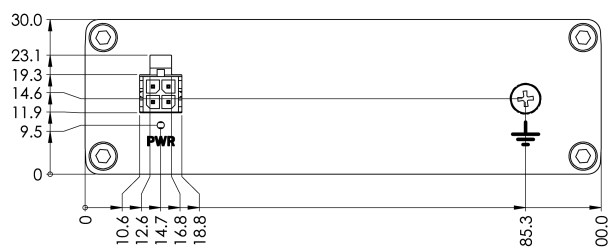
FRONT VIEW

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



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:

