# WWW.INFOPULSAS.LT / info@infopulsas.lt



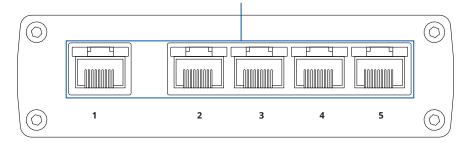




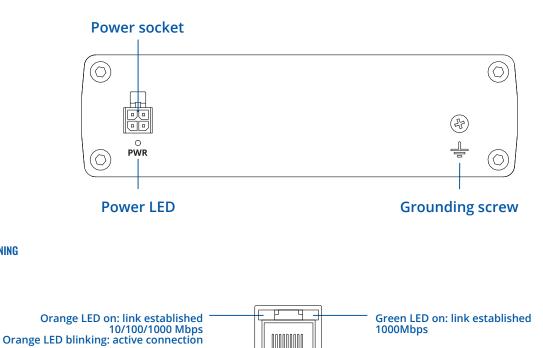
# HARDWARE

## **FRONT VIEW**

## **Ethernet ports**

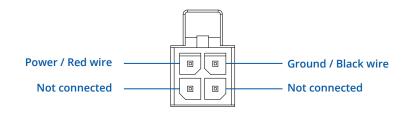


### **BACK VIEW**





**RJ45 LED MEANING** 





# **FEATURES**

### ETHERNET

LAN

5 x LAN ports, 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover

#### PERFORMANCE SPECIFICATIONS

Bandwidth (Non-blocking)	10 Gbps	
Packet buffer	128 KB	
MAC address table size	2K entries	
Connector	4 pin industrial DC power socket	
Input voltage range	9 - 30 VDC, reverse polarity protection, voltage surge/transient protection	
PoE (passive)	Passive PoE. Possibility to power up through LAN port, not compatible with IEEE802.3af, 802.3at and 802.3bt standards	
Power consumption (idle/max)	< 0.4 W/ <1.8 W	

### PHYSICAL INTERFACES (PORTS, LEDS)

Ethernet	5 x RJ45 ports, 10/100/1000 Mbps
Status LEDs	1 x Power LED, 10 x LAN status LED's
Power	1 x 4 pin DC connector
Ground	1 x Grounding screw

### PHYSICAL SPECIFICATION

Casing material	Full aluminum housing
Dimensions (W x H x D)	100 x 30 x 85 mm
Weight	227 g
Mounting options	DIN rail or wall mounting (additional kit needed), flat surface placement

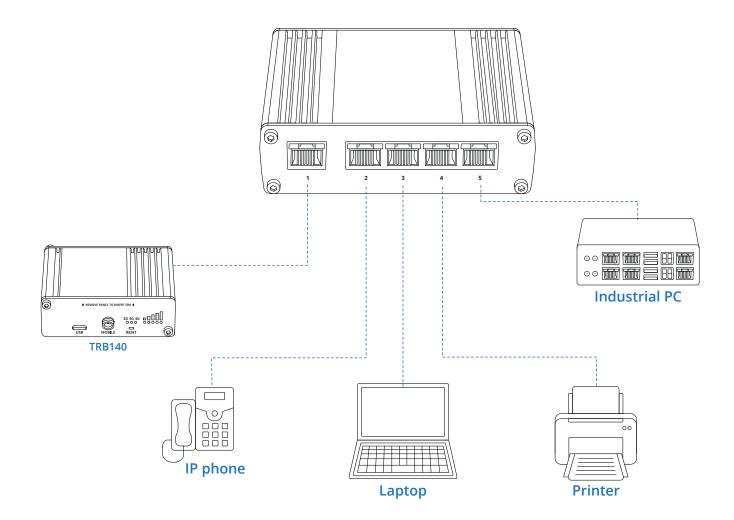
### **OPERATING ENVIRONMENT**

Operating temperature	-40 C to 75 C
Operating humidity	10 % to 90 % non-condensing



# **HARDWARE INSTALLATION**

- 1. Connect your main internet router/modem to TSW110 LAN port number 1.
- 2. Connect end devices (ex. Industrial PC, printers, IP phones, laptops) to TSW110 2 to 5 port.
- 3. Connect 4 pin power plug to TSW110 to power up switch.



### **TECHNICAL INFORMATION**

Technical specifications			
Input voltage range		9 - 30 VDC	
Max power consumpt	tion	<1.8 W	
Bundled accessories specifications*			
Power adapter	Input: 0.4 A @100-240 VAC, 0	Input: 0.4 A @100-240 VAC, Output: 9 VDC, 1 A, 4 pin plug	

\* Order code dependent.



# WHAT'S IN THE BOX?

## **STANDARD PACKAGE CONTAINS\***

- TSW110
- 9 W PSU
- QSG (Quick Start Guide)
- Packaging box





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



# **STANDARD ORDER CODES**

PRODUCT CODE	HS CODE	HTS CODE	PACKAGE CONTAINS
TSW11000000	851762	8517.62.00	Standard package with Euro PSU
TSW110000010	851762	8517.62.00	Standard package with US PSU

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



# **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

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



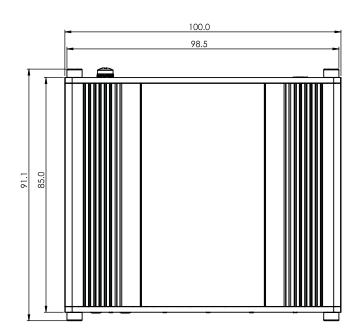
# **TSW110 SPATIAL MEASUREMENTS & WEIGHT**

#### MAIN MEASUREMENTS

W x H x D dimensions fo	r TSW110:
Device housing*:	100 x 30 x 85
Box:	173 x 71 x 148
*Housing measurements are pre	esented without antenna connectors and screws; for measurements of other device elements look to the sections below.

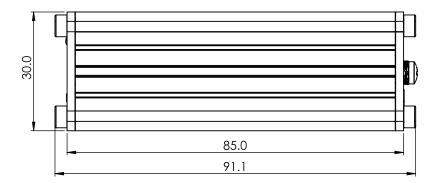
#### **TOP VIEW**

The figure below depicts the measurements of TSW110 and its components as seen from the top:



### **RIGHT VIEW**

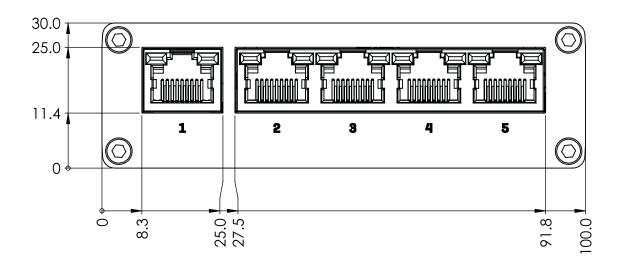
The figure below depicts the measurements of TSW110 and its components as seen from the right side:





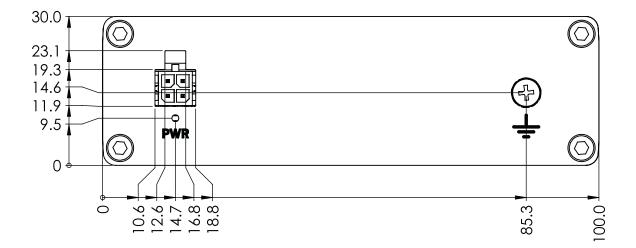
### **FRONT VIEW**

The figure below depicts the measurements of TSW110 and its components as seen from the front panel side:



### **REAR VIEW**

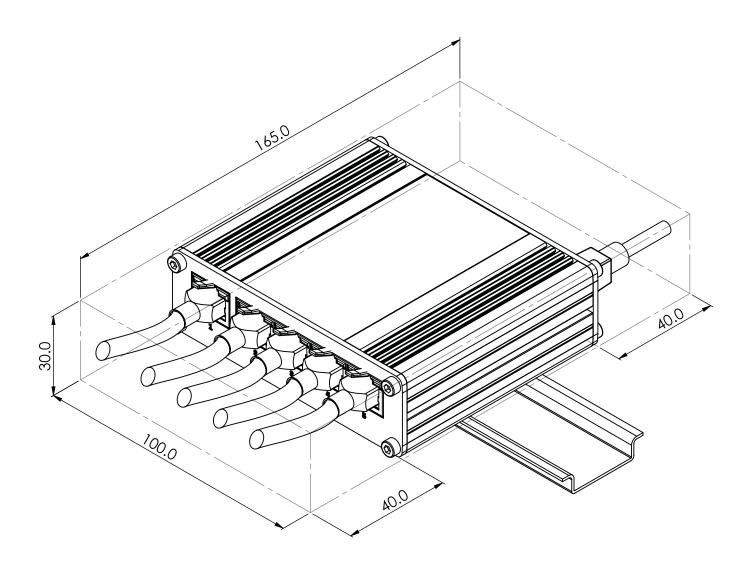
The figure below depicts the measurements of TSW110 and its components as seen from the back panel side:





## MOUNTING SPACE REQUIREMENTS

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





## **DIN RAIL**

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

