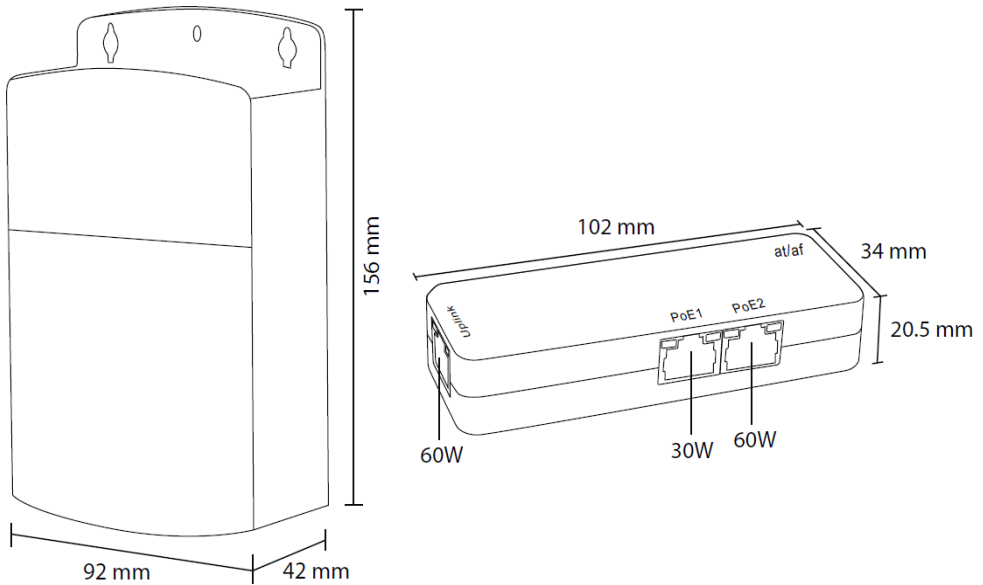




DATASHEET TR-EXP13130-IP63



TR-EXP13130-IP63 is a PoE extender with data transfer ports supporting 10/100 Mbps with the ability to supply power to connected devices via twisted pair cable.
10/100 Mbit/sec with the ability to supply power to connected devices via twisted pair cable.

Basic equipment:

- PoE extender 1pcs.
- Mounting box 1pcs.
- Datasheet 1pcs.

Warranty Service:

- One year warranty service from the date of sale.
- In case of the warranty card absence, the warranty period is determined from the date of sale.

Specification:

Model	TR-EXP13130-IP63		
Ethernet ports	1 x 10/100 Mbps (RJ45, Uplink) 2 x 10/100 Mbps (RJ-45, PoE)		
Port operation mode	Uplink: in (PD)	PoE1: out (PSE)	PoE2: out (PSE)
Switching method	Store-and-Forward		
Switching capacity	0,6 Gbps		
Packet forwarding rate	0,4464 Mln/sec		
MAC address table size	2000 Kbit		
Packet buffer size	1024 Kbit		
Network standards	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control		
Transmission range, cable type:	10BASE-T: UTP category cable 5, 5e (≤130 m) 100BASE-TX: UTP category cable 5, 5e (≤130 m)		
Cascade connection ¹	Up to 5 devices		
PoE standards		PoE1: IEEE802.3af/at	PoE2: IEEE802.3af/at/bt
PoE method		PoE1: A/B	PoE2: A/B
Maximum capacity per port	Uplink: ≤60W	PoE1: ≤30W	PoE2: ≤60W
Watchdog ²	Supported		
Installation	Desktop, wall-mounted		
Material	Plastic		
Power	48-55V DC		
Lightning protection	Standard mode 4kV Differential mode 4kV		
Electrostatic discharge protection	Air discharge 10kV Contact discharge 8kV		
Maximum power capacity	60 W		
Ingress Protection Code	IP63		
Working temperature	-30°C...50°C		
Permissible humidity level	10 – 90 %		
Weight, kg	GROSS: 0.2 NET: 0.15		
Dimensions of the device (W x D x H), mm	102 x 34 x 20.5		
Dimensions of the mounting box (W x D x H), mm	156 x 92 x 42		
Package dimensions (W x D x H), mm	160 x 95 x 47		

¹ Total data and power transmission distance: up to 5 PoE extenders up to 650 m. 2 PoE extenders connected consecutively increase the connection distance up to 390 m (max. PoE port power consumption 34 W), 3 PoE extenders up to 520 m (max. PoE port power consumption 21 W), 4 PoE extenders up to 650 m (max. PoE port power consumption 17 W).

² Technology for monitoring the activity status of a connected device. Port rebooting with Watchdog support occurs within 280-420 seconds after losing connection with the device after 30 minutes from the device's startup.

DATE OF SALE

SERIAL NUMBER