SINGLE-PORT POE INJECTOR · 3 MODELS

TCM-4830W / 4860W / 4890W

Mid-Span Gigabit PoE Injector PSE

Adds PoE power to any Gigabit link, no PoE switch needed.

30 / 60 / 90 W | IEEE 802.3af/at/bt | Gigabit



30/60/90 W PoE output	**802.3bt** af / at / bt	**Gigabit** 10/100/1000M	**100 m** Cat5e / Cat6	**Plug & Play** No setup	**52 VDC** Max output	**AC Input** 100–240 V

DESCRIPTION

The **TCM-4830W/AT**, **TCM-4860W/BT** and **TCM-4890W/BT** are single-port mid-span PoE injectors (PSE) with 30 W, 60 W and 90 W output. Installed near the switch, each one combines Gigabit data with 48–52 VDC power and sends both to a remote PoE device over one Cat5e, Cat6 or Cat6a cable up to 100 m, so no PoE switch is needed.

They comply with IEEE 802.3af/at/bt, detect compliant devices automatically and work plug-and-play. Typical loads include PTZ IP cameras, wireless access points, IP speakers and IP phones.

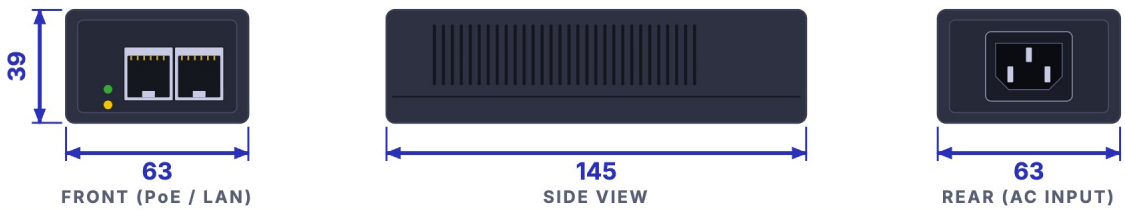
FEATURE

- Three power ratings: 30 W, 60 W and 90 W
- IEEE 802.3af / at / bt compliant PSE
- 10/100/1000 Mbps data pass-through, RJ45
- Auto MDI / MDI-X on both ports
- Auto-sensing: powers compliant PDs only
- Power and data over one cable up to 100 m
- Output voltage 48–52 VDC (52 V max)
- Plug-and-play, no configuration needed
- Universal AC 100–240 V input
- LEDs for power and PD-connected status

TECHNICAL SPECIFICATION

MODEL	TCM-4830W/AT	TCM-4860W/BT	TCM-4890W/BT
Rated PoE Power	30 W	60 W	90 W
PoE Standard	IEEE 802.3af / at	IEEE 802.3af / at / bt	IEEE 802.3af / at / bt
Output Voltage	48–52 VDC (52 V max)		
Ports	1 × 10/100/1000M RJ45 LAN in (data) · 1 × 10/100/1000M RJ45 PoE out (data + power)		
MDI / MDI-X	Auto MDI / MDI-X		
Functions	Auto-sensing detection of 802.3af/at/bt PDs, auto power negotiation, power + data up to 100 m, plug-and-play		
10BASE-T Cable	UTP Cat 3, 4, 5; EIA/TIA-568 100 Ω STP (max 100 m)		
100BASE-TX Cable	UTP Cat 5, 5e; EIA/TIA-568 100 Ω STP (max 100 m)		
1000BASE-T Cable	UTP Cat 5e, 6 (max 100 m)		
Power Source	AC 100–240 V, 50/60 Hz, IEC C14 inlet		
LED Indicators	Red / yellow: power on, no PD connected · Green: power on, PD connected		
Operating Temp.	0 °C to +60 °C		
Humidity	10–90%, non-condensing		
Dimension	145 × 63 × 39 mm (L × W × H)		

DIMENSION (mm)



APPLICATION

PTZ IP camera · Wireless AP · IP speaker · IP phone · Other PoE devices up to 90 W

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