

PoE Injectors TPI018 / TPI030 / TPI060

Articles No.: 308050/308051/308052



The TRIAX TPI018, TPI030, and TPI060 PoE Injectors provide a simple, cost-effective, and reliable way to add Power over Ethernet (PoE) functionality to standard non-PoE network switches.

Available in three models supporting IEEE 802.3af (PoE), 802.3at (PoE+), and 802.3bt (PoE++), these injectors deliver both power and data through a single Ethernet cable, simplifying installation and reducing cabling costs.

Each injector is equipped with 1 × RJ45 Data In (LAN) port and 1 × RJ45 PoE Out port, making it ideal for powering IP cameras, wireless access points, VoIP phones, and other PoE-enabled devices, especially in locations where a nearby power outlet is unavailable.

Its plug-and-play design ensures quick deployment and dependable performance for surveillance, networking, and professional AV applications.

Features:

- Available in three versions:
 - **TPI018:** IEEE 802.3af PoE, up to **15.4 W**
 - **TPI030:** IEEE 802.3at PoE+, up to **30 W**
 - **TPI060:** IEEE 802.3bt PoE++, up to **60 W**
- Delivers up to 60 W of PoE power to support high-power network devices
- Supports 10/100/1000 Mbps Gigabit Ethernet with auto-negotiation for simultaneous high-speed data and power transmission
- Automatically detects connected powered devices and allocates the required power according to IEEE Class 0–8
- Integrated protection against overcurrent, overvoltage, overload, short circuit, and overheating
- Wide input power range: 100–240 VAC, 50/60 Hz
- 52 VDC PoE output
- PoE pin assignment: 1/2 (+), 3/6 (-), 4/5 (+), 7/8 (-)
- Compact design with wall-mounting support
- Plug-and-play operation with no configuration required

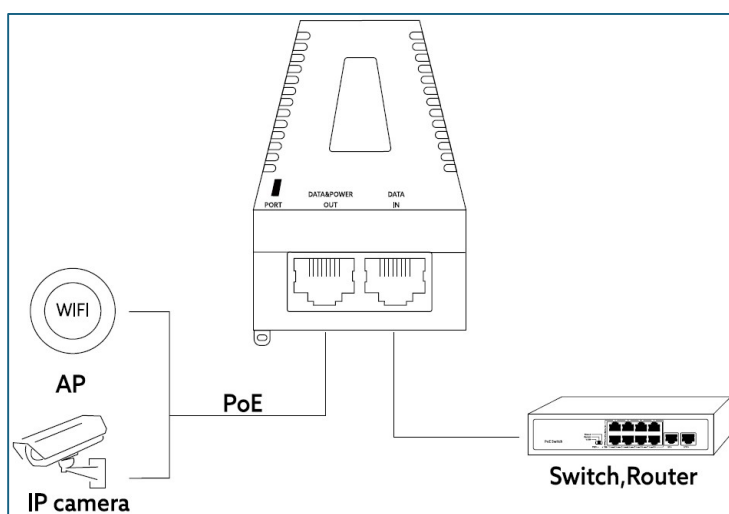
First Connection

1. Using the existing Ethernet cable, connect a LAN port on your non-PoE switch to the **Data In** port on the TPI injector.
2. Connect your powered device (**IEEE 802.3af/at/bt-compliant**) to the **PoE Out** port on the injector.
3. Use the supplied power cable to connect the injector to an AC power outlet.
4. The **top green LED** will illuminate when the device is powered.

Product application

- IP surveillance cameras
- Wireless access points (Wi-Fi APs)
- VoIP telephones
- Access control systems
- IoT and smart building devices
- Professional AV over IP installations

A simple and efficient solution for upgrading existing network infrastructure with reliable PoE power delivery.



Global specifications:

Model	TPI018	TPI030	TPI060
Art. Number	308050	308051	308052
			
EAN	5061038089325	5061038089332	5061038089349
Input Ports	1 x 10/100/1000Mbps RJ45 DATA / 1 x AC socket		
Output Ports	1 x 10/100/1000Mbps RJ45 POWER + DATA		
Standards	IEEE 802.3 af	IEEE 802.3 af/at	IEEE 802.3 af/at/bt
PoE Total Output Power (max)	18W	30W	60W
Input Voltage	100~240VAC, 50/60Hz		
Output Voltage	52VDC		
Network Media	Gigabit: UTP/STP Cat 5, 5e and 6 up to 100 meters		
Power supply pins	1,2(+)/3,6(-)		1,2(+)/3,6(-) 4,5(+)/7,8(-)
Dimension (Without cable)	L x W x H: 143x55x40mm		
Power cord type	3-Pin UK plug, cable 1.2 m length		
Weight	Unit: 200g		
Operating Temperature	-20°C~55°C		
Storage Temperature	-20°C~75°C		
Operating Humidity	10%~90%, non-condensing		
Storage Humidity	10%~95%, non-condensing		

Mechanical specifications:

