

ALLNET PoE Injector Industrial Gigabit / PoE BT (15.4W/30W/90W) / DIN / metal housing / "ALL-PI2014-I-BT90"

>>> [Go to the shop article](#)



EAN CODE



ALLNET PoE Injector Industrial Gigabit / PoE BT (15.4W/30W/90W) / DIN / metal housing / "ALL-PI2014-I-BT90"

Highlights:

- 1 RJ45 Ethernet data input + 1 RJ45 Power over Ethernet output (Data + Power)
- 90W LTPoE++ power sourcing equipment support
- DIN rail and wall mounting bracket
- 48~57VDC terminal block for optional external power supplies (NOTE: POWER SUPPLY IS NEEDED)
- Supports 10/100/1000Base-TX
- IEEE802.3at PoE+ compatible
- Extensive LED indicators for PoE diagnostics
- -40°C to +75°C operating temperature

Ensure the reliable power supply of your PoE devices with the ALLNET PoE Injector Industrial Gigabit, model "ALL-PI2014-I-BT90." This high-quality PoE injector offers a range of features to optimize your network infrastructure. Here are some of the highlights:

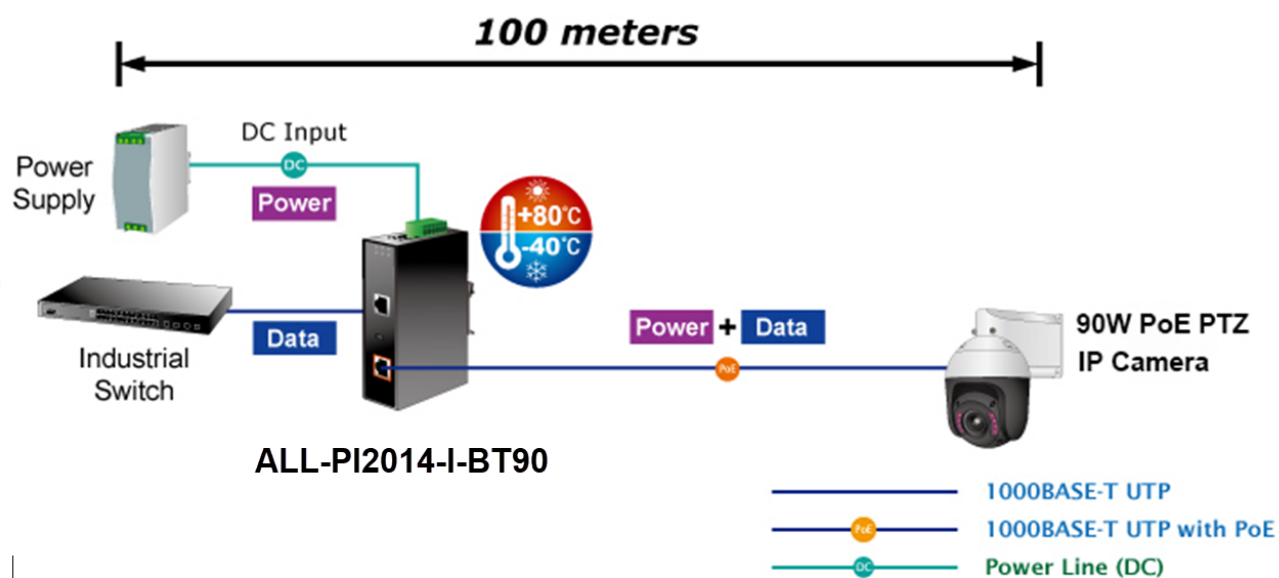
1. **Data and Power Over a Single Cable:** The injector features one RJ45 Ethernet data input and one RJ45 Power over Ethernet output. This allows you to transmit both data and power over a single Ethernet cable, simplifying your cabling.
2. **Powerful PoE:** With support for 90W LTPoE++ (Low-Temperature Power over Ethernet), this injector is capable of supplying ample power to even high-power PoE devices.



3. **Versatile Mounting Options:** The injector can be mounted on DIN rails and walls, providing flexibility in installation.
4. **Optional External Power Supplies:** For added flexibility, the injector includes a 48~57VDC terminal block for optional external power supplies. Note that an external power supply needs to be purchased separately.
5. **Gigabit Speed:** The injector supports 10/100/1000Base-TX, making it compatible with both Gigabit and standard Ethernet networks.
6. **PoE+ Compatible:** It is IEEE802.3at PoE+ compatible, enabling the power supply of PoE+ devices.
7. **Comprehensive Diagnostics:** The extensive LED indicators offer a quick and easy way to monitor the status of PoE power delivery and conduct diagnostics.
8. **Robust Design:** With an operating temperature range of -40°C to +75°C, this PoE injector is suitable for use in demanding environments.

The ALLNET PoE Injector Industrial Gigabit / PoE BT (model "ALL-PI2014-I-BT90") is the ideal solution to reliably power your PoE devices and operate your network smoothly and efficiently.

Application





Technical Details:

Model	ALL-PI2014-I-BT90
Standards Compliance	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE802.3 x Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus IEEE 802.3bt 4-pair Power over Ethernet Plus Plus
Fixed Port	Ethernet in:1x10/100/1000Base-TX RJ45 PoE out:1x10/100/1000Base-TX PoE++ PSE RJ45 Power in:1x48~57VDC,Max 2A (3 Pin Terminal Block)
Network Medium	10BASE-T: Cat3,4,5 UTP(?100 meters) 100BASE-TX: Cat5 UTP or better(?100 meters) 1000BASE-TX: Cat5e,6 UTP or better(?100 meters)
PoE Description	PoE Standard:IEEE802.3af/at/bt PSE PoE Pin Assignment:1/2/4/5+,3/6/7/8-(4-Pair) PoE Distance:Max 100m(Cat5e/Cat6) PoE Power Output:Max 90W(DC52-57V,1.73A)
LED Indicator	PWR:Lights to indicate the injector has power input PoE:Lights to indicate the injector is providing PoE power 25%,50%,75%,100%(PoE Power Usage Indicator): 25%:off to indicate the PoE power usage is less than 25%,blinks to indicate the PoE power usage is around 0-24%,lights to indicate the PoE power usage is more than 25% 50%:blinks to indicate the PoE power usage is around 26-49%,lights to indicate the PoE power usage is more than 50%

	75%:blinks to indicate the PoE power usage is around 51-74%,lights to indicate the PoE power usage is more than 75% 100%:blinks to indicate the PoE power usage is around 76-99%,lights to indicate the PoE power usage is at the maximum
Mechanical	Case: IP30 Slim type metal case Cooling way: Natural cooling,fanless design Dimension: 110x98x31mm(LxWxH) Weight: 0.35Kg Installation:DIN-Rail / Wall-mount
Protection	6KV 8/20u lighting protection 6KV ESD protection under-voltage,over-voltage,over-current and short circuit protection
Environmental	Working Temperature: -40°C to +80°C Storage Temperature:-40°C to +85°C Working Humidity: 10%~90% (non-condensing) Storage Humidity: 5% ~ 90%(non-condensing)
MTBF	100,000 hours

Attributes

Attribute	Value
Einsatzbereich Display:	Industrie
Gehäuse:	Metall
Geschwindigkeit Injektor:	10M (10Mbit/s); 100M (100Mbit/s); 1G (1000Mbit/s);
PoE Leistung:	15;30;60;90;
PoE Standard:	IEEE802.3af;IEEE8023at;IEEE802.3bt;
Weight:	1 Kg
Warranty:	24.00 Months

Accessories

Part No.	Name
193972	TP-TP coupler, CAT6A, socket, 1:1, 8-pin, RJ45, Security-Network coupler, drop socket, PoE capable, up to 10 Gbit (ABS housing) - ALL-RJ45-Magnet-V2
201008	TP-TP coupling, CAT6A, female, 1:1, 8-pin, RJ45, magnetic fuse coupling 50pcs bulk set, drop socket, PoE capable, up to 10Gbit - ALL-RJ45-Magnet-50pcsBulk
99305	ALLNET / ALL95100 TP Cat 6 / PoE Surge arrester
198028	ALLNET TP Cat 6 Überspannungs-/Blitzschutz Surge Protector ALL95102O Outdoor IP66
131244	Mean Well power supply - 48V 240W DIN rail
140522	Mean Well power supply - 48V 120W DIN rail, narrow
140523	Mean Well power supply - 48V 75W DIN rail, narrow