

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

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EAN CODE



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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.

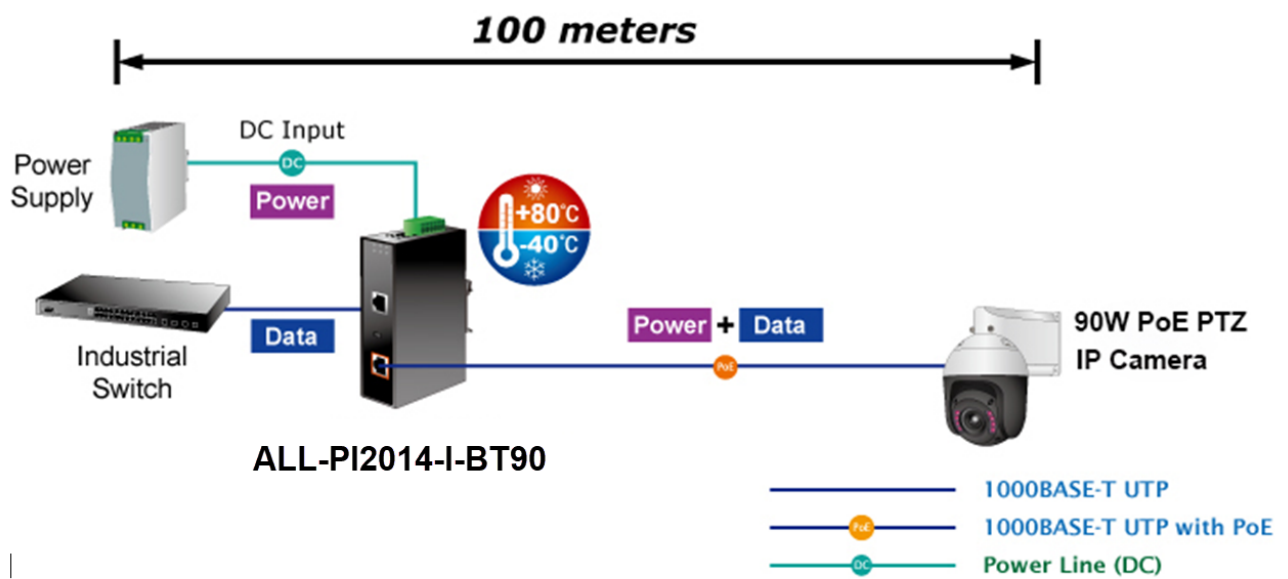


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3. **Versatile Mounting Options:** The injector can be mounted on DIN rails and walls, providing flexibility in installation.
4. **Optional External Power Supplies:** For added flexibility, the injector includes a 48~57VDC terminal block for optional 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 | <p>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</p> <p>IEEE 802.3af Power over Ethernet</p> <p>IEEE 802.3at Power over Ethernet Plus IEEE 802.3bt 4-pair Power over Ethernet Plus Plus</p> |
| Fixed Port | <p>Ethernet in:1x10/100/1000Base-TX RJ45</p> <p>PoE out:1x10/100/1000Base-TX PoE++ PSE RJ45</p> <p>Power in:1x48~57VDC,Max 2A</p> <p>(3 Pin Terminal Block)</p> |
| Network Medium | <p>10BASE-T: Cat3,4,5 UTP(?100 meters)</p> <p>100BASE-TX: Cat5 UTP or better(?100 meters)</p> <p>1000BASE-TX: Cat5e,6 UTP or better(?100 meters)</p> |
| PoE Description | <p>PoE Standard:IEEE802.3af/at/bt PSE</p> <p>PoE Pin Assignment:1/2/4/5+,3/6/7/8-(4-Pair)</p> <p>PoE Distance:Max 100m(Cat5e/Cat6)</p> <p>PoE Power Output:Max 90W(DC52-57V,1.73A)</p> |
| LED Indicator | <p>PWR:Lights to indicate the injector has power input</p> <p>PoE:Lights to indicate the injector is providing PoE power</p> <p>25%,50%,75%,100%(PoE Power Usage Indicator):</p> <p>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%</p> <p>50%:blinks to indicate the PoE power usage is around 26-49%,lights to indicate the PoE power usage is more than 50%</p> |



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

Atributos

| Atributo | Valor |
|---------------------------|--|
| Einsatzbereich: | Industrie |
| Gehäuse: | Metall |
| Geschwindigkeit Injektor: | 10M (10Mbit/s); 100M (100Mbit/s); 1G (1000Mbit/s); |
| PoE Leistung: | 15;30;60;90; |
| Peso: | 1 Kg |
| Garantía: | 24.00 Meses |



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Accesorios

| Número de artículo | Denominación |
|--------------------|--|
| 193972 | ALLNET RJ45 Sicherungskupplung, Abwurfbuchse, PoE fähig, bis |
| 201008 | ALLNET Acoplador magnético RJ45, 50uds |
| 99305 | ALLNET ALL951000 Protector contra rayos Cat 6 |
| 198028 | ALLNET TP Cat 6 Überspannungs-/Blitzschutz Surge Protector A |
| 131244 | Meanwell Fuente de alimentación 48V 240W carril DIN |
| 140522 | Mean Well power supply - 48V 120W DIN rail, narrow |
| 140523 | Mean Well power supply - 48V 75W DIN rail, narrow |

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