



Part No.: 231227
Vendor Part No.: ALL-PI2015MGPB-BT90

ALLNET PoE Injektor Industrial MultiGigabit • PoE BT with Power-Booster (15,4W/30W/90W) • DIN • ALLNET PoE Injekt metal housing • ALL-PI2015MGPB-BT90

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Highlights:

- Support 1x10M/100M/1G/2.5G/5G/10GBase-T Ethernet Data Input RJ45 Port +1xDC12-57V Input Power Port+1x10M/100M/1G/2.5G/5G/10GBase-T PoE PSE Output RJ45 Port
- Complies with IEEE 802.3af/at/bt PoE/PoE+/PoE++ PSE standard
- Supports PoE power up to 90 watts for PoE++ port
- Auto detects IEEE 802.3af/at/bt PoE/PoE+/PoE++ end-span/mid-span compliant PD device, which can protect devices from being damaged by incorrect installation
- **LED indicators monitors the status of the total PoE usage in real time**
- Remote power feeding up to 100m
- Support 12~57VDC power input with integrated Power Booster
- IP30 slim metal case
- Solid DIN-rail or wall mount design
- Supports 6KV Surge and ESD protection
- -40 to +80°C operating temperature

ALLNET ALL-PI2015MGPB-BT90 is a **Industrial Single-Port 802.3bt PoE++** Injector with a maximum of up to **90 watts** of power output over Ethernet cables. It is also equipped with two **10M/100M/1G/2.5G/5G/10GBase-T** RJ45 copper interfaces to handle extremely large amounts of data transmission. The ALL-PI2015MGPB-BT90, adopting the IEEE 802.3bt standard, instead of delivering power over 2-pair twisted UTP – be it end-span (Pins 1,

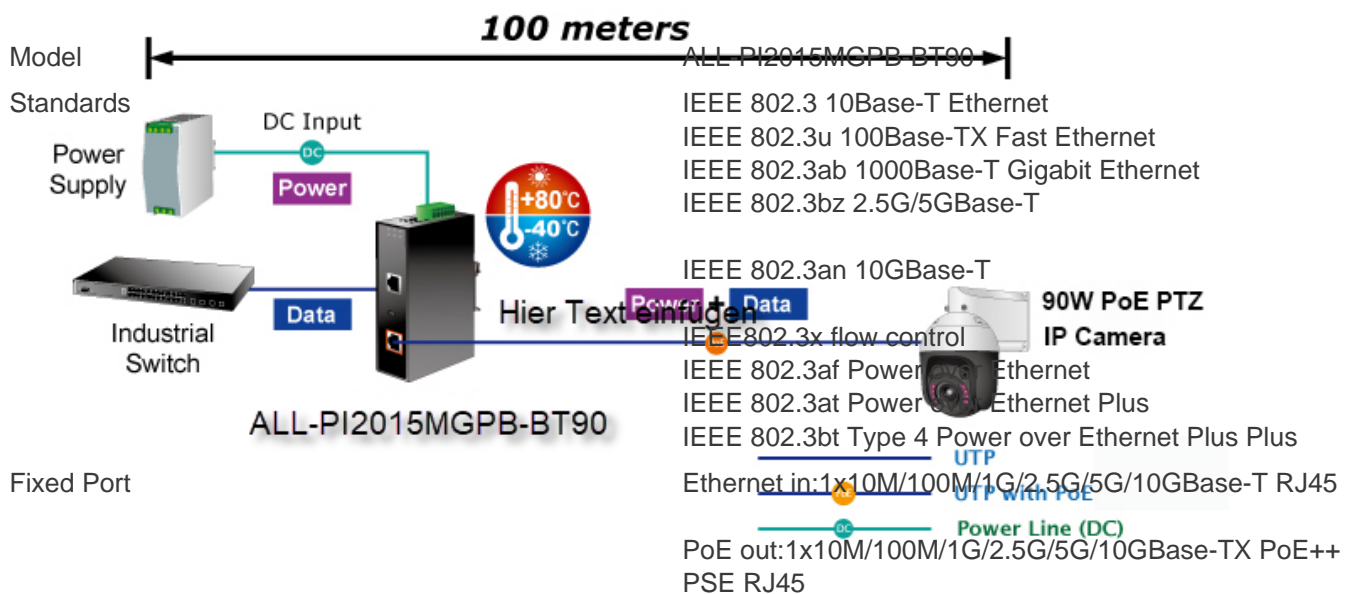


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2, 3 and 6) or mid-span (Pins 4, 5, 7 and 8), provides the capability to source up to 90 watts of power by using all the four pairs of standard Cat. 5e/6 Ethernet cabling. Backward compatible with both 802.3af/at PoE standards, the ALL-PI2015MGPB-BT90 allows users to flexibly deploy standard and high powered devices to transfer data and power simultaneously through one Ethernet cable for up to 100 meters. The ALL-PI2015MGPB-BT90 frees the security IP camera and wireless AP deployment from restrictions of power outlet locations and the additional AC wiring. It thus reduces cables and eliminates the need for electrical outlets on the wall, ceiling or any unreachable place, and most of all, it reduces installation time.

Application:

Technical Details:





	<p>Power in:1x12~57VDC,Max 10A(3 Pin Terminal Block)</p> <p>Booster efficiency:85%-97%</p>
Network Cable	<p>Twisted-pair cable up to 100 meters (328ft)</p> <p>10BASE-T: 4-pair UTP Cat. 3, 4, 5, 5e, 6, 6A</p> <p>100BASE-TX: 4-pair UTP Cat. 5, 5e, 6, 6A</p> <p>1G/2.5G: 4-pair UTP Cat 5e/Cat 6/Cat 6A/ Cat 7</p> <p>5G: 4-pair UTP Cat 6/Cat 6A/Cat 7</p> <p>10G:4-pair UTP Cat 6A/Cat 7</p>
PoE Description	<p>PoE Standard:IEEE802.3af/at/bt PoE/PoE+/PoE++ PSE</p> <p>PoE Pin Assignment:1/2/4/5+,3/6/7/8-(4-Pair)</p> <p>PoE Power Output:Max 90W(DC52-57V,1.73A)</p>
LED Indicator	<p>PWR:Lights to indicate the injector starts normally,when the power supply input voltage within 12~57VDC,this indicator will be solid on.</p> <p>PoE:Lights to indicate the injector PoE can work normally,for ALL-PI2015MGPB-BT90,when power supply input voltage within 12~57VDC,this indicator will be solid on</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> <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>

	N.W/G.W: 0.35Kg/0.46Kg Installation:DIN-Rail/Wall-mount
Protection	6KV 8/20u lightning 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:	Industrie
Gehäuse:	Metall
Geschwindigkeit Injektor:	10M (10Mbit/s); 100M (100Mbit/s); 1G (1000Mbit/s);
PoE Leistung:	15;30;60;90;
Weight:	0.4 Kg
Warranty:	24.00 Months

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