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

Highlights:

- Support 1x10M/100M/1G/2.5G/5G/10GBase-T Ethernet Data Input RJ45 Port +1xDC**12-57**V 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 **12~57**VDC 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.

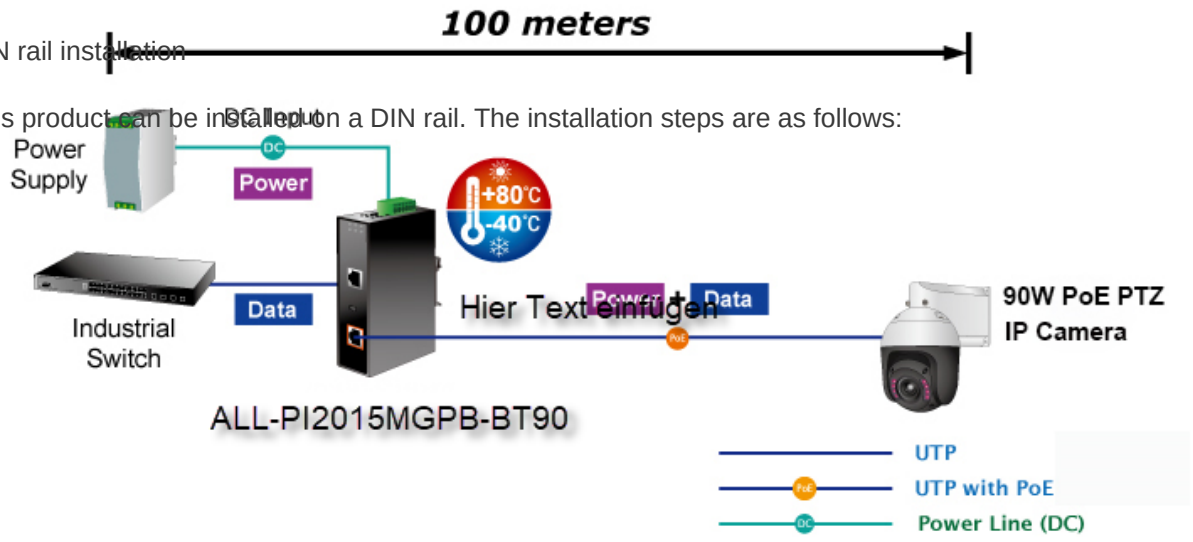
Application:

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Installations:

DIN rail installation

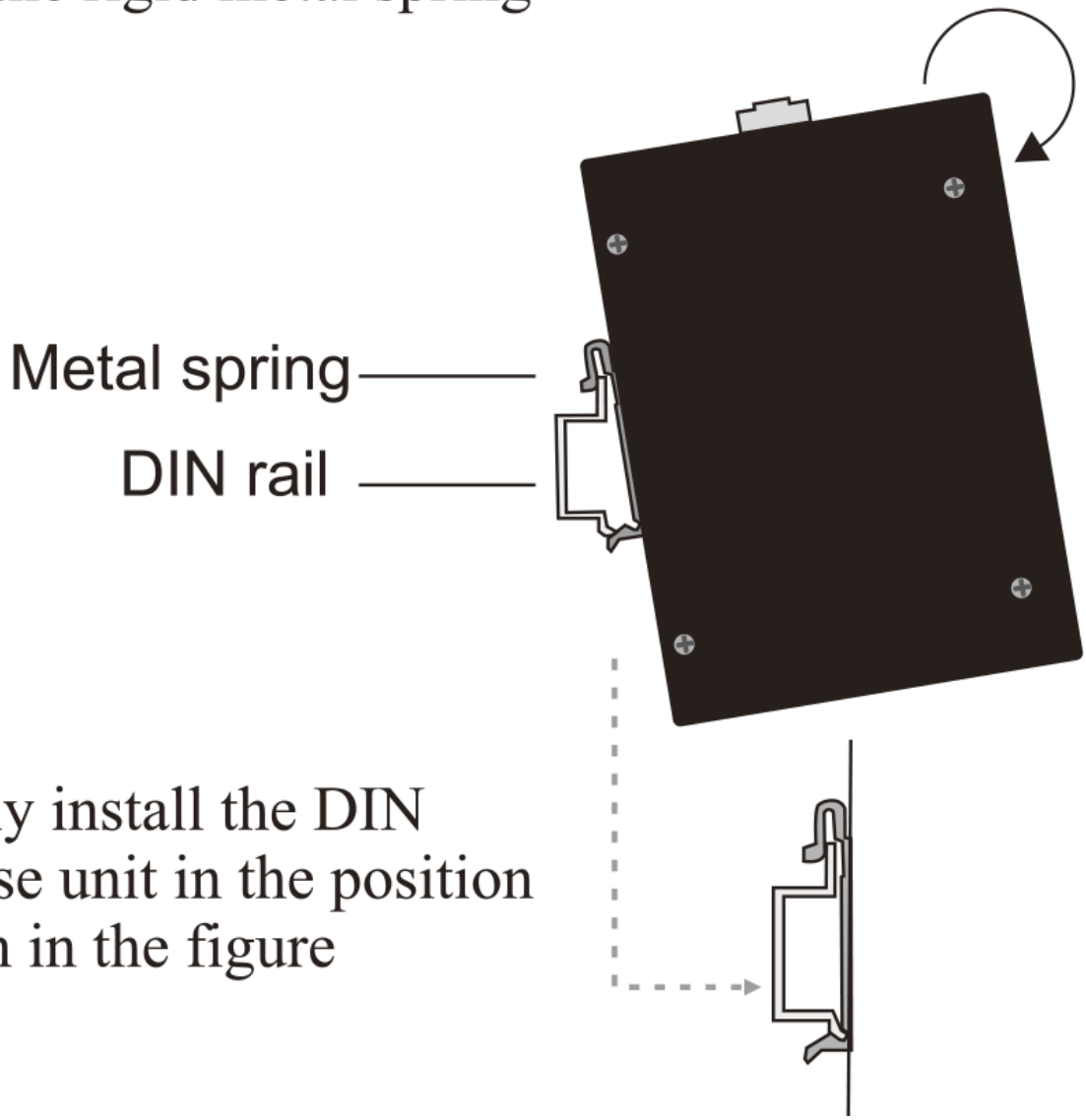
This product can be installed on a DIN rail. The installation steps are as follows:



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① Insert the top of the DIN rail into the notch under the rigid metal spring



② Quickly install the DIN rail base unit in the position shown in the figure

Installation on a wall bracket

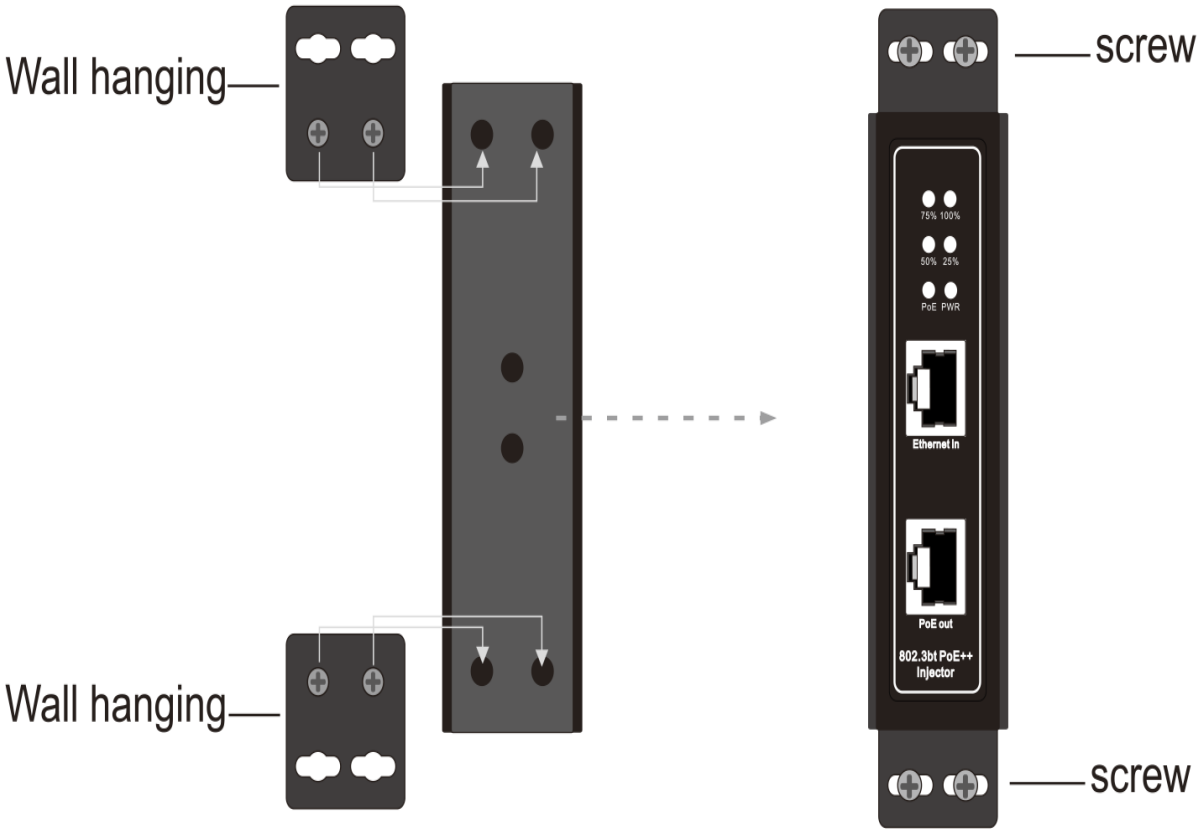
This product can also be installed on a wall bracket. The installation steps are as follows:

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① Install the wall mounted panel on the switch

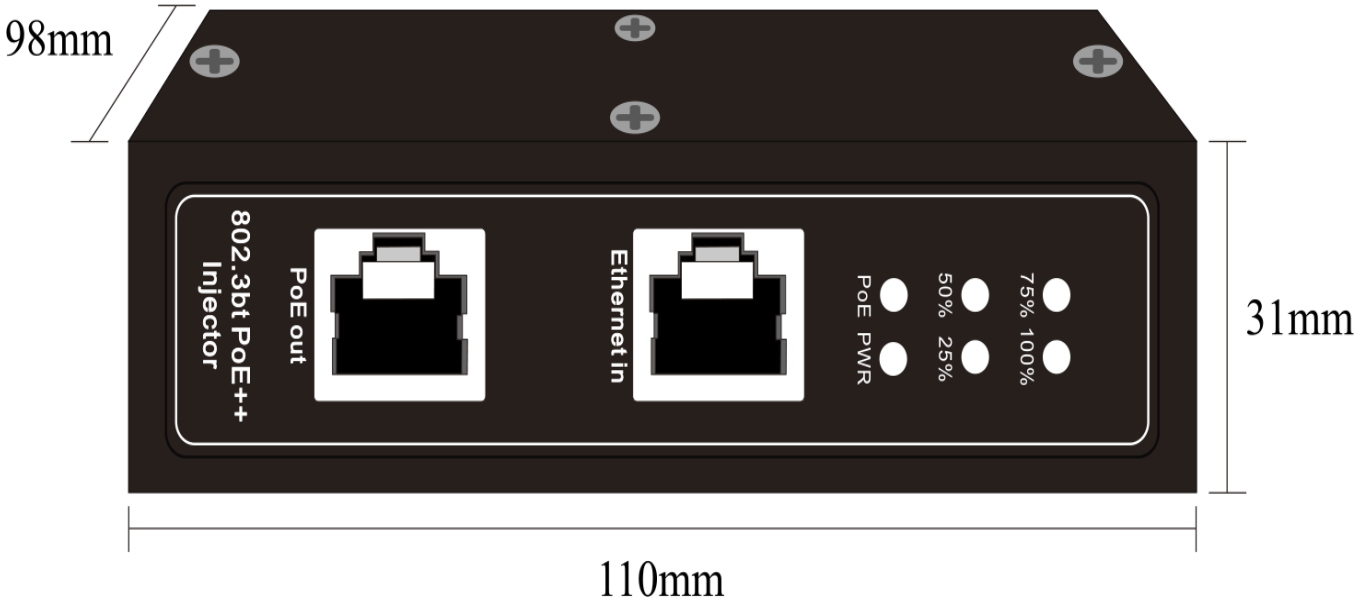
② Connect the switch with screws Fixed to the wall vertically



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Dimmension:



Technical Details:

Model	ALL-PI2015MGPB-BT90
Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3bz 2.5G/5GBase-T IEEE 802.3an 10GBase-T IEEE802.3x flow control IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus IEEE 802.3bt Type 4 Power over Ethernet Plus Plus
Fixed Port	Ethernet in:1x10M/100M/1G/2.5G/5G/10GBase-T RJ45 PoE out:1x10M/100M/1G/2.5G/5G/10GBase-TX PoE++ PSE RJ45 Power in:1x**12~57**VDC,Max 10A(3 Pin Terminal Block) Booster efficiency:85%-97%
Network Cable	Twisted-pair cable up to 100 meters (328ft) 10BASE-T: 4-pair UTP Cat. 3, 4, 5, 5e, 6, 6A 100BASE-TX: 4-pair UTP Cat. 5, 5e, 6, 6A 1G/2.5G: 4-pair UTP Cat 5e/Cat 6/Cat 6A/ Cat 7

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	5G: 4-pair UTP Cat 6/Cat 6A/Cat 7 10G:4-pair UTP Cat 6A/Cat 7
PoE Description	PoE Standard:IEEE802.3af/at/bt PoE/PoE+/PoE++ PSE PoE Pin Assignment:1/2/4/5+,3/6/7/8-(4-Pair) PoE Power Output:Max 90W(DC52-57V,1.73A)
LED Indicator	PWR:Lights to indicate the injector starts normally,when the power supply input voltage within 12~57VDC,this indicator will be solid on. 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 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) N.W/G.W: 0.35Kg/0.46Kg Installation:DIN-Rail/Wall-mount
Protection	6KV 8/20u lighting protection 6KV ESD protection

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	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
Extra Features Injector:	Power Booster;
Gehäuse:	Metall
Geschwindigkeit Injektor:	10M (10Mbit/s); 100M (100Mbit/s); 1G (1000Mbit/s); 2.5G (2500Mbit/s); 5G (5000Mbit/s); 10G (10000Mbit/s);
PoE Leistung:	15;30;45;60;90;
PoE Standard:	IEEE802.3af;IEEE8023at;IEEE802.3bt;
Weight:	0,4 Kg
Warranty:	24.00 Months

Accessories

Part No.	Name
131244	Mean Well power supply - 48V 240W DIN rail
140522	Mean Well power supply - 48V 120W DIN rail, narrow
167158	Mean Well power supply - 48V 120W DIN rail
219054	ALLNET Industrial Smart Managed Layer 2 Switch, 10-Port GbE • 69W PoE Budget • 7x PoE Outputs • 2x SFP Ports • 1x GbE PD Port • Fanless, IP40 • ALL-SGI8010PDM

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