

PoE Injector Industrial (Metal Shell)

ICS-PSE65 / ICS-PSE90



Overview

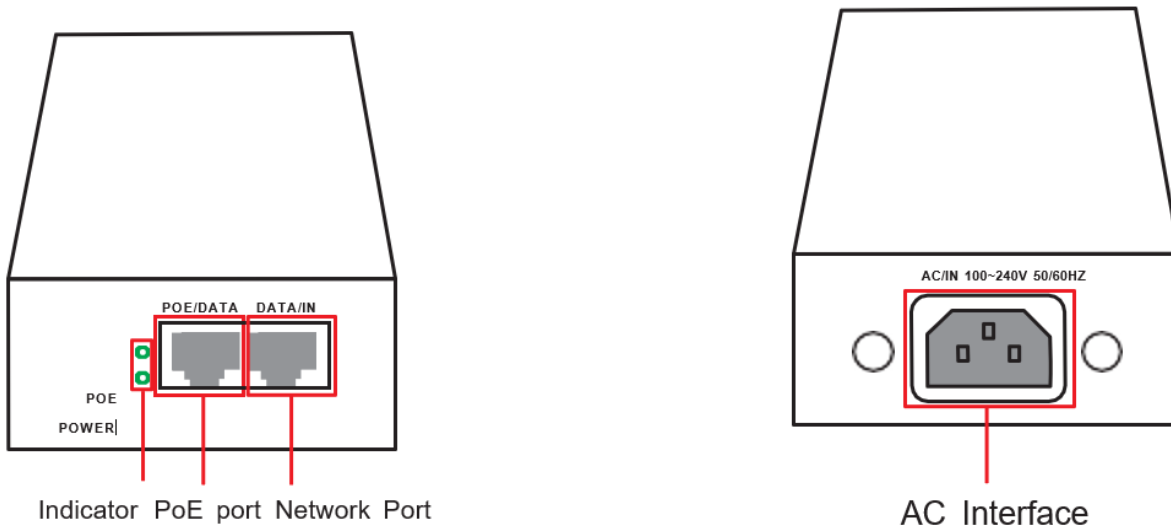
ICS-PSE65/ICS-PSE90 are high-power power-supplying devices made of metal and dependently developed and researched by hasivo, which comply to En55022, CLASS B standard and are suitable for high-power PoE devices such as high-power wireless AP and high-speed dome camera, 90W maximum devices supported. The injectors can directly supply power for PoE powered devices with protection functions of input over- and under- voltage, output over-voltage and output over-current short circuit protection. As it can be managed without configuration, the injectors can achieve perfectly "plug and play" and easy operation.

Features

- PoE standard: IEEE 802.3af/at/PoE++/BT
- Adopt high-quality metal shell, providing solid chassis and good heat dissipation.
- Global voltage suitable: AC100~240V 50/60Hz (dependently developed high-quality power).
- Strong compatibility and high stability (hasivo own high-power PoE modules).
- System Reliability: MTBF > 100K hours.
- Plug and Play, without configuring management function.
- Power protection: input over- and under-voltage, output over-voltage, output over-current short circuit protection.
- CE and RE, complies to EN55022, CLASS B standard
- Operation Environment: airy, clean, no conductive dust and no corrosive gas.
- Lightning protection: AC input, can withstand 5 KB, 8/20 μ s impulse current waveform, positive and negative 5 times, each time for 1 minute; power supply lightning protection circuit has failure alarm function and safety protection components such as safety pipes.

Product Display

ICS-PSE65/ICS-PSE90, 2*10/100/1000M PoE port



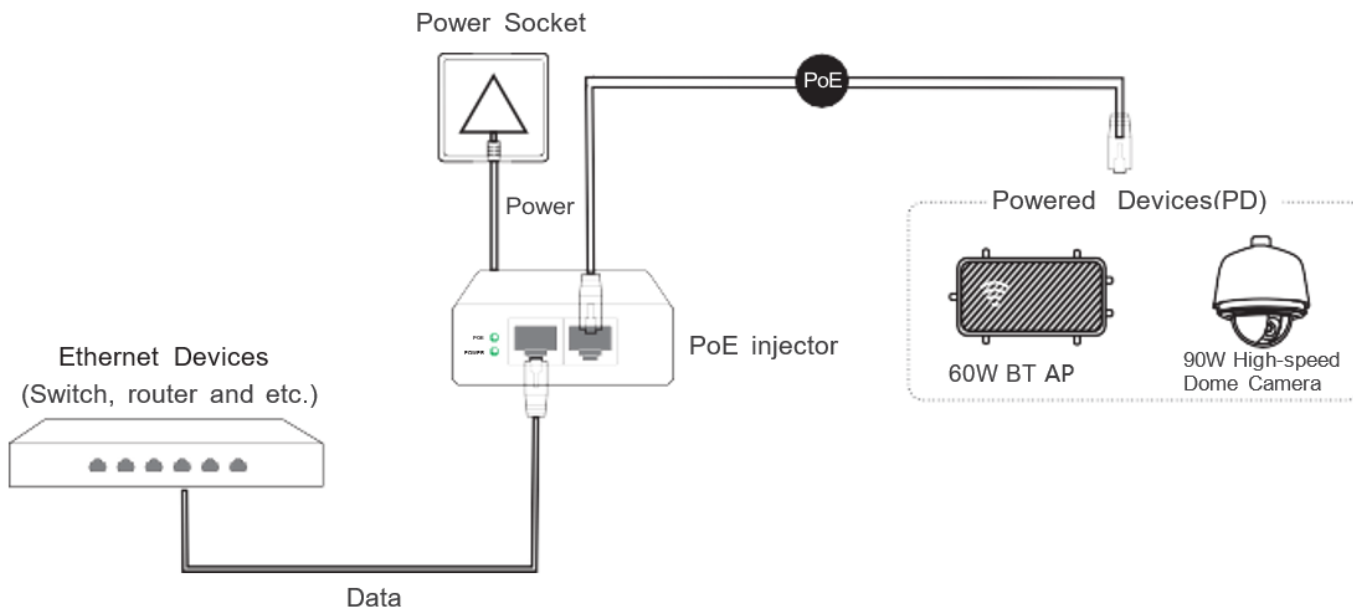
Indicator

Mark	Status	Description
POE	Always ON	Powered devices connected and power supplying normal
	Always OFF	Powered devices unconnected or no power supplied
POWER	Always ON	Injector power on
	Always OFF	Injector unconnected or power off

Application

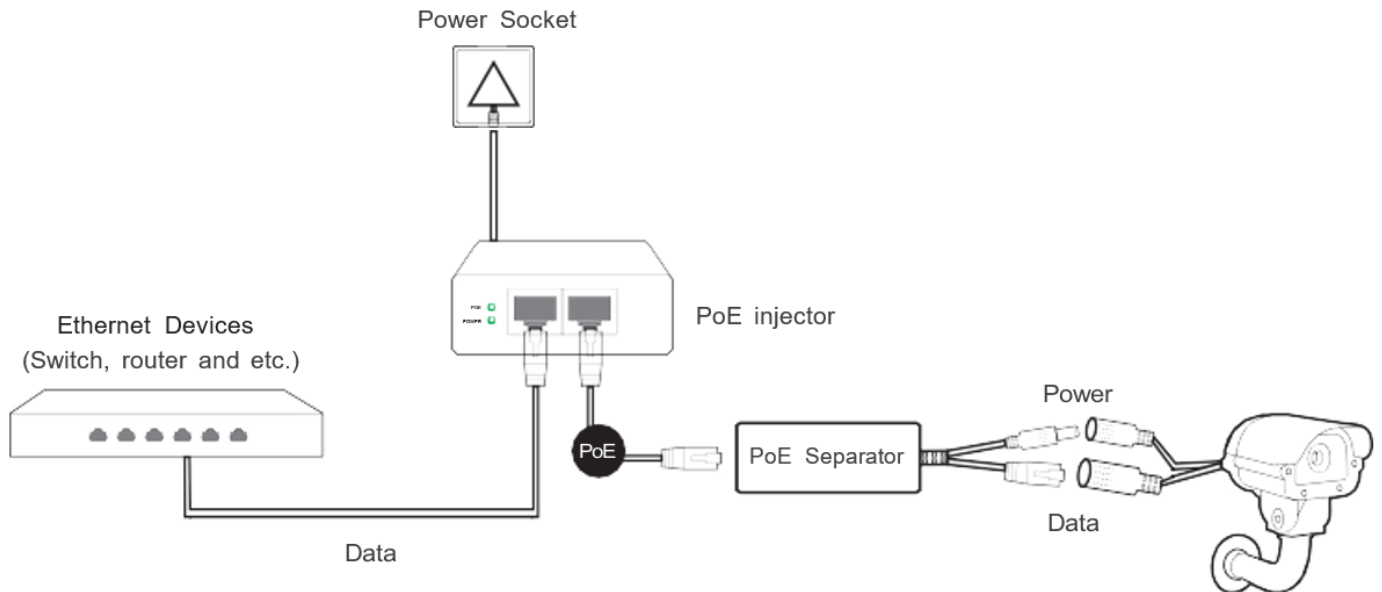
Method 1:

PoE injector transmit data and supply power for powered PoE devices such as PoE camera, PoE AP and VOIP through one cable.



Method 2:

PoE injector supplies power and transmits data for non-PoE devices used with PoE separator.



Specifications

	ICS-PSE65	ICS-PSE90
Interface	2*10/100/1000Mbps PoE port	
Transmission Medium	10Base-T: UTP CAT 3,4,5(Max 100m) 100BASE-TX: UTP CAT 5, 5e cable (Max 100m) 1000BASE-T: UTP category 5, 5e, 6 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) IEEE 802.3af/at/PoE++/BT	
PoE Pin	1,2+3,6-/4,5+ 7,8-	
PoE Power	65W	90W
LED Indicator	PWR	
Product Size (W*D*H)	70mm*180mm*35mm (metal shel)	
Operation Environment	Operation Temperature: -20°C~70°C	
Enclosure	IP30	
EMC	EN55032, EN55024(CE EMC), FCC Part 15B, EN61000-3-2, EN61000-3-3	
EMI	EN55032, FCC Part 15B class A	
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11	
Shock	IEC60068-2-27	
Free Fall	IEC60068-2-32	
Vibration	IEC60068-2-6	
Safety	EN60950-1	