

KEY FEATURES

- 1*10/100/1000Base-TX data to 10/100/1000Base-TX data with PoE
- Versions with up to 30W and 90W PoE outputs available
- Industrial Hardened grade, designed to operate in harsh environmental conditions
- Operating temperature from -40°C to +75°C
- Wide power input from 12 to 48VDC
- Power boost
- IEEE802.3af/at/bt compliant
- Metal case, no fan design
- DIN-Rail or Wallmount
- 5 years warranty



INTRODUCTION

The INGP-D5 series Industrial grade Gigabit PoE Injectors are designed to inject and supply up to 90W PoE to power up your camera or any other PoE PD device. This PoE injector supports power boost, meaning you can power it from as low as 12VDC and get fully IEEE802.3af/at/bt compliant (up to 60W) PoE output. For more than 60W PoE output, min 24VDC power input required. All models supports 10/100/1000Mbps Ethernet. Housed in rugged metal Din-rail or wall-mountable enclosure, no fan design with extreme temperatures operation, makes those PoE Injectors a perfect choice for critical environments, such as security, transportation, airports, industrial networking or even military applications.

SPECIFICATIONS

Model	INGP-D5	INGP90-D5
Ports		
RJ45 ports and speed	1 * 10/100/1000Base-TX (In - Ethernet only) 1 * 10/100/1000Base-TX (Out - Ethernet with PoE)	
Ethernet		
Processing type	Forward	
PoE	IEEE802.3af/at Max output 30W	IEEE802.3af/at/bt Max output 90W
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab	

Model	INGP-D5	INGP90-D5
Environmental		
Operating Temperature	-40°C ~ +75°C	
Storage Temperature	-40°C ~ +85°C	
Relative Humidity	0 ~ 90% non-condensing	
MTBF	480.000h	
Electrical and Physical		
Power Input	12-48VDC	12-48VDC For more than 60W PoE output, min 24VDC required
Max Power consumption	35W	95W
Cooling	Natural cooling, no fan design	
Dimensions (H * D * W)	95 * 70 * 30mm	
Weight	~250g	
Mounting	Din-rail / Wallmount	
Certification		
Standards	Surge protection for power ports: 6KV (EN 61000-4-5)	
	Surge protection for Ethernet ports: 6KV (EN 61000-4-5)	
	Vibration: IEC 60068-2-6:2007	
	Shock: IEC 60068-2-27:2008	
	Free fall: IEC 60068-2-32:1975	
	CE 2014/30/EU EMC, EN 55032:2015/A11:2020, EN 55035:2017/A11:2020	
	EN 61000-3-2:2019/A2:2024, EN 61000-3-3:2013/A2:2021/AC:2022-01	
	EN 61000-4-2:2009, EN 61000-4-3:2020, EN 61000-4-4:2012	
	EN 61000-4-5:2014/A1:2017, EN 61000-4-6:2023	
	CE 2014/35/EU LVD, EN IEC 62368-1:2024	
	FCC Part 15, Subpart B:2016, ANSI C63.4:2014	
	RoHS 2011/65/EU, (EU) 2015/863, (EU) 2017/2102	

ORDERING INFORMATION

Model name	Description
INGP-D5	Industrial 30W PoE Injector, 2*10/100/1000Base-TX RJ45, 12-48VDC input, Din-Rail
INGP90-D5	Industrial 90W PoE Injector, 2*10/100/1000Base-TX RJ45, 12-48VDC input, Din-Rail

OTHER

Power supply is not included and to be purchased separately