

OUTDOOR PoE INJECTOR

HF-POE30-AC/DC

Product Description

HF-POE30-AC/DC is a Gigabit PoE Injector that combines power and data and delivers them to a powered device over one Ethernet cable. The POE-30 injector provides up to 30 watts, higher than the conventional PoE injectors. It is available with Universal AC Input as also Wide Range DC input. The -5 to 55 deg C wide temperature range design makes the HF-POE30 perfect for operating in critical industrial environments. The outdoor version is available with IP65 Chassis and is suitable for Outdoor Environments.



HF-POE30-AC
Outdoor PoE Injector



HF-POE30-DC
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Features

- Gigabit PoE Injector
- -5 to 55 Degree Celsius wide temperature range
- Compliant with isolation and channel
- Data and power carried over one Ethernet cable
- Full protection OCP and OVP
- Field Earth for higher immunity against EMI/EMC Noise.

HF-POE30-AC/DC

TECHNICAL SPECIFICATIONS

Interface

RJ45 Ports	10/100/1000BaseT(X) for PoE OUT and DATA IN
PoE Pinout	Default: 1, 2, 4, 5 V+ , V- for pin 3, 6, 7, 8 (4 pairs)

Power Requirements

Input Voltage	100-264 VAC for AC Model & 36-75 VDC for DC Model
Protection	Overload Current & Over voltage; Reverse Polarity & Short circuit
Power Consumption	Max. 2.5 W full loading without PD's consumption
Power Budget	Max. 30 W for 1 PD's consumption

Standards and Certifications

Standards	Passive PoE - as per characteristics of IEEE802.3af / IEEE802.3at - 4 Pairs
Safety	EN/IEC 60950-1
EMI/EMC	EN 55032/24 CISPR 32, FCC Part 15B Class A
Surge & Lightening Protection	<ul style="list-style-type: none">• IEC 61000-4-2: (ESD) Air Discharge: ±8kV, Contact Discharge: ±4kV• IEC 61000-4-6: (CS) 150 kHz to 80 MHz, 3Vrms (Level 2)• IEC 61000-4-3: (RS) 80MHz~6000MHz, 3V/m (Level 2)• CISPR22/32: Class A: CE test from 150KHZ to 30MHz, RE test 30MHz to 6GHz• EN 61000-4-8: Pulse Frequency Magnitude immunity test level at 3A/m• IEC 61000-4-4: Electrical Fast Transients +/-1kV on Power Lines• IEC 61000-4-5: Surge Test AC PoE: Input side (220V) +/- 6kV Output side (Ethernet Lines) +/-6kV DC PoE: Input side (48V) +/- 6kV Output side (Ethernet Lines) +/-6kV

Ordering Information

Model No.	Description
HF-POE30-AC	IO Outdoor PoE Injector, 30W, AC Input
HF-POE30-DC	IO Outdoor PoE Injector, 30W, DC Input

Note : * IP67 is a customizable hardware option available on specific order. Please reach out to Sales Team for more information

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