BCZW

5-Port 10/100/1000Mbps

PoE++ Extender

802.3bt
PoE++
802.3af/at

75℃
−40℃

6KV
Lightning Protection

EXCLUSIVE **2 YEAR** WARRANTY

POE-IEX04G-W90

Key Features:

Ports: Provide 1*gigabit PoE++ ports input (Max. 90W), 4*gigabit PoE+ ports output(Max. 30W)

PoE Standard: IEEE802.3af/at/bt Power over Ethernet (PoE) Compliant

Power Input: This switch only be powered by PoE.

Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX.

Wide Application: Designed for Wifi AP and IP Security camera.VoIP etc

Surge protection: Protect the device from lighting surges and others electrical hazards

Working Temperature: -40 to 75 degrees operating temperature

Considerate Design: IP40 Industrial design with dual power input

PoE Passthrough

Features 1× Gigabit PoE++ input and 4× Gigabit PoE+ outputs. Delivers up to: 68W when powered by 802.3bt Type 4 (90W input), 49W with 802.3bt Type 3 (60W input), 21W via 802.3at Type 2 (30W input). This switch only be powered by PoE.

30W High-Power PoE+ Ouput

Delivers stable power for heavy-duty gear like PTZ cameras and long-range APs. Backward compatible with all 802.3at/af standards. Automatically detects PoE/PoE+ requirements seamlessly mix legacy and new equipment.

Extreme Environment Ready

This outdoor poe switch's IP40 dustproof shield defends against sandstorms. Survives punishing -40℉ to 167℉ (-40℃ to 75℃) swings—from Alaska winters to Arizona summers. No weather downtime on oil rigs, construction sites or remote towers.
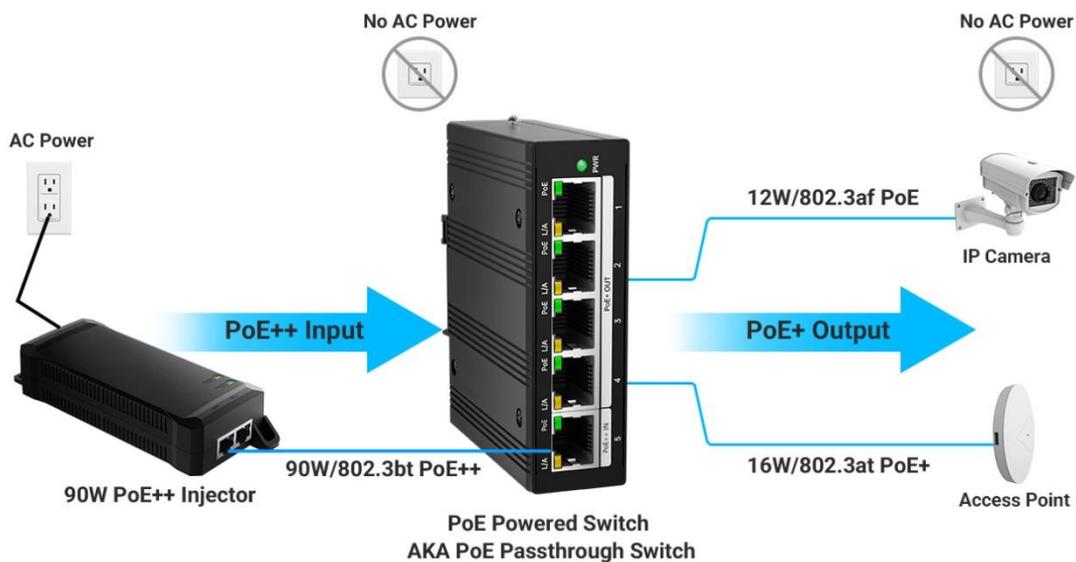
POE-IEX04G-W90

5-Port 10/100/1000Mbps PoE Extender

Technical Datasheet

Model	POE-IEX04G-W90
Hardware Specifications	
Connector	5* 10/100/1000BASE-T RJ45 auto MDI/MDIX ports
PoE Port	1* PoE++ type-4 input (Max. 90W) 4* PoE+ type-3 output (Max. 30W)
LED indicators	Power Indicator: PWR(green). Network Indicator: Link/ACT(Yellow) PoE Working Indicator: PoE(green)
Power Connector	No
Power Requirements	This switch only be powered by PoE.
Power Consumption/ Dissipation	Max. 3 watts (System on) Max. 67 watts (Full loading at 100m/328ft from your source)
ESD Protection	Contact Discharge 6KV DC, Air Discharge 8KV DC
Enclosure	IP40 aluminum case
Thermal Fan	Fanless Design
Installation	Din Rail
Dimension(W×D×H)	30mm x 78mm x 95mm(1.18in x 3.07in x 3.74in)
Weight	0.3Kg
Switching Specifications	
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3z 1000BASE-X IEEE802.3x Flow Control
Switch Architecture	Store and Forward
Backplane bandwidth	10Gbps
Packet forwarding rate	7.44Mpps
MAC address	2k
Shared Data Buffer	4.1 megabits
Jumbo Frame	10 Kbytes
Flow Control	IEEE802.3X full-duplex and Backpressure half-duplex
Environment	
Safety	FCC Part15 Class A,CE.RoHs
Stability Testing	IEC 60068-2-32 (free fall) IEC 60068-2-27 (shock) IEC 60068-2-6 (vibration)
Environment specification	Operating temperature: -40℃~75℃，operating humidity: 5％~95％ Storage temperature: -40℃~75℃，storage humidity: 5％~95％

Power over Ethernet (PoE) Specifications	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE
	IEEE 802.3at Power over Ethernet Plus/PSE
	IEEE 802.3bt Power over Ethernet Plus/PSE
PoE Supply Type	1/2/4/5(+), 3/6/7/8(-)
PoE Power Output	IEEE 802.3af Standard (15.4W) input
	Max. 9 watts output at 100m/328ft from your source
	IEEE 802.3at Standard (30W) input
	Max. 18 watts output at 100m/328ft from your source
	IEEE 802.3bt type-3 Standard (60W) input
	Max. 36 watts output at 100m/328ft from your source
	IEEE 802.3bt type-4 Standard (90W) input
	Max. 67 watts output at 100m/328ft from your source

Application

No AC Power

No AC Power

AC Power

PWR

12W/802.3af PoE

IP Camera

PoE++ Input

PoE+ Output

90W/802.3bt PoE++

90W PoE++ Injector

16W/802.3at PoE+

Access Point

PoE Powered Switch
AKA PoE Passthrough Switch

rdering Information	
POE-IEX04G-W90	5 Ports 10/100/1000Mbps PoE++ extender, IEEE802.3af/at/bt, PoE Input Only, 6KV surge protection, DIN-Rail Mount

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