IG-842POE *8-port Gigabit Industrial PoE Switch*

- 4 X 10/100/1000 Mbps Gigabit 802.3af/802.3at PoE Ports
- 2 x 10/100/1000 Mbps Gigabit Uplink Ports
- 2 x SFP ports
- Up to 30 Watts per port
- 120 Watts Total Power Budget

- Dual 48V~ 56Vdc Power input with redundancy (Dual input)
- IP30 metal housing
- +12KV Surge Protection
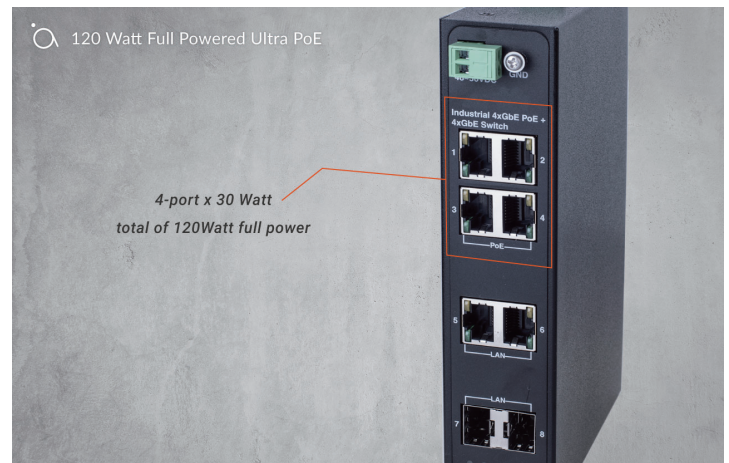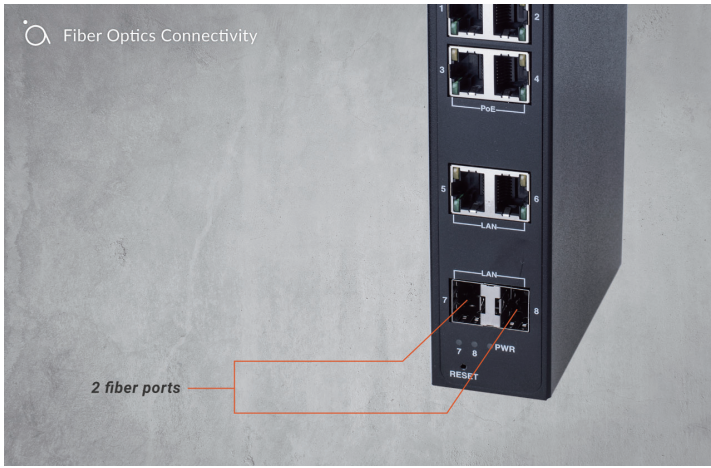- Harsh Environment: -40°C ~ 75°C

Industrial-grade Gigabit POE Switch

The IG-842POE is an Industrial 8-port Gigabit PoE Switch providing blazing performance in harsh industrial environment. It includes 4 Gigabit 802.3af/802.3at PoE ports, 2 Gigabit uplink, and 2 SFP ports an IP30 rugged strong case with redundant power system. The IG-842POE is well suited for applications in deploying surveillance system and wireless service in demanding environments such as the factory or public transportation.

120 Watt Full Powered Ultra PoE

The IG-842POE's PoE ports are able to provide up to 30Watts of power for all 4 POE ports. That means total of 120Watt full power. You can use this extra power to work with POE Extender to expand the cabling distance.

120 Watt Full Powered Ultra PoE

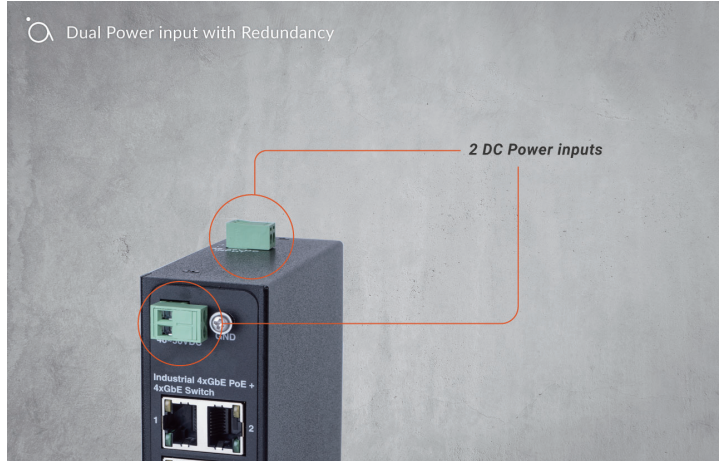4-port x 30 Watt
total of 120Watt full power

Fiber Optics Connectivity

The IG-842POE features 2 fiber ports. It is ideal for Fiber to the Block applications which can then transfer the bandwidth to the building through the copper ports.

2 fiber ports

2 DC Power inputs

Dual Power input with Redundancy

IG-842POE supports 2 DC Power inputs , it can have power redundancy. When the one of the DC power is fail , the Relay will be triggered. Though it can reminder users that Power is fail.
* Please note that the DC power supply is not included

Built for Harsh Environment

-40°C

75°C

IG-842POE

Built for Harsh Environment

AirLive Industrial Switches can operate from -40°C ~ 75°C. And each POE port has +12KV surge protection. It is the ideal solution for applications which work under hash environment and require stable network and PoE power such as parking lot or IP surveillance.

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Specifications

Networking Specifications	
Model	IG-842POE
Total Gigabit Ports	8
Gigabit 802.3af/at PoE Port (10M/100M/1G)	4 X 30W PoE
Gigabit SFP Slot (100M/1G)	2
Gigabit Ports (RJ45)	2
Forwarding Capacity	11.904Mpps
Mac Table	4k
Jumbo Frames	9,216 Bytes
Switching Capacity	16 Gbps
Power Specifications	
Power 1 : Input Voltage	48VDC ~56VDC
Power 2 : Input Voltage	48VDC ~56VDC
Output Voltage Range / per PoE Port	48~56VDC
	PoE IEEE 802.3af (Max. 15.4W) output
	PoE+ IEEE802.3at (Max. 30W) output
PoE Power Budget	120W
Surge Protection /each PoE Port	12KV
Mechanical Specifications	
Dimensions (WxHxD)	171.6 x 132 x 39 mm
Weight	0.8KG
Connectors	RJ45 x 6, SFP x 2, Terminal Black x2
Environmental Specifications	
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	5% ~ 95% non-condensing
Certifications	
EMC	CE, FCC, VCCI, C-Tick
Safety	EN60950-1, IEC60950-1
Surge	EN61000-4-5