



IG-642POE

6 Port Gigabit Industrial PoE Switch with 2 SFP Port

- 4 X 10/100/1000 Mbps RJ45 and 2 Fiber Gigabit SFP fiber port
- 4 Port 802.3at PoE Power source
- Dual 44V~ 56Vdc Power input with redundancy
- IP31 metal housing
- Harsh Environment: -40°C ~ 70°C



Reliable and Industrial-grade POE Switch

The IG-642POE is an **Industrial 6-port full Gigabit Ethernet Switch** providing non-blocking wire-speed performance and great flexibility for Gigabit Ethernet extension in harsh industrial environment. It provides **4-port Gigabit RJ-45** copper and **2 100/1000Base-X SFP** fiber optic interfaces delivered in an IP31 rugged strong case with redundant power system. The IG-642POE is well suited for applications in deploying surveillance system, and securing control and wireless service in climatically demanding environments such as the factory or public transportation.



Dual Power input with Redundancy

IG-642POE support 2 DC Power input , it can have power redundancy. When the one of the DC power is fail , the Relay will be trigger. Though it can remind users that Power is fail.



Harsh Environment: -40°C ~ 70°C

IG-642POE can work from -40°C ~ 70°C. It is ideally product for Harsh Environment.



Specifications

AirLive IG-642POE

Standard

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3z Gigabit SX/LX
- IEEE802.3ab Gigabit 1000T
- IEEE802.3x Flow Control and Back pressure
- IEEE802.3af for POE
- IEEE802.3at for POE+

Interface

- 4 x 10/100/1000Mbps RJ45
- 2 x mini GBIC

PoE Port

- 4

Switch Architecture

- Store and forward switch architecture
- Back-plane up to 12Gbps

MAC Address

- 1K

Jumbo Frames

- Up To 9KB

Packet Buffer

- 1M bit

LED

- PW1 Power 1 Green
- PW2 Power 2 Green
- Err Power Fail : Amber
- TX/RJ45 Port: LNK: Green
SPD: 10/100 (off), 1000 (Green)
- SFP Link : Green
Active: Flash

DIP Switch

- DIP 1 to select Port 5 SFP : OFF: F5 ON (DEFAULT)
ON: F5 OFF
- DIP 2 to select SFP speed: OFF: SFP 1000M (DEFAULT)
ON: SFP 100M

Power Supply

- Redundant Dual DC 44V-55V Power Input

Removable Terminal Block

- Provide 2 Redundant power, Alarm relay contact, 6 Pin
- Wire range: 0.34mm² to 2.5mm²
- Solid wire (AWG):12-24/14-22
- Stranded wire(AWG): 12-24/14-22
- Torque:5lb-In/0.5Nm/0.56Nm
- Wire Strip length: 7-8mm

Alarm Relay

- Relay outputs with current carrying capacity of 1 A @24VDC
- Relay in short circuit mode when 2 powers are connected. In open circuit mode when only one power supply is connected

PoE Power

- Support 802.3at/af
- Maximum 36Watts per port
- Total power 126Watts

Power Consumption

- Max. 5.76W (excluding PoE)

Dimensions

- 142mmx36.2mmx105mm (LxWxD)

Operating Temperature

- 40°C to 70°C

Storage Temperature

- 40°C to 85°C

Installation mounting

- DIN Rail mounting and Wall Mounting

Certificates:

- EN55022/24
- EN50155
- EN55011
- EN50121-3-2
- EN50121-4
- EN 50155 / EN 60068-2-6
- EN 50155 / EN 60068-2-27
- EN 50155 / EN 60068-2-32

Ordering Information:

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