

Model : ATZ POE-ISW4GP-1GE1GS

Description: 4 Ports Industrial PoE Switch 4*10/100/1000M
(Uplink 1*1000M RJ45 + 1*1000M SFP slot)



ATZ POE-ISW4GP-1GE1GS is ideal for powering PoE devices such as IP cameras, WLAN access points, IP phones, office access control systems, and other PD devices to provide a total solution for ethernet application in harsh environments.

Features:

- **Ports:** Provide 4*10/100/1000Mbps PoE ports with 1 1000Mbps Ethernet and 1000Mbps SFP
- **PoE Standard:** IEEE802.3af/at Power over Ethernet (PoE) Compliant
- **Self-adaption:** RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX
- **Industrial Installation:** Din Rail mounting installation

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- **Wide Application:** Designed for Railway, traffic etc some Industrial environment
- **Surge protection:** Protect the device from lightning surges and others electrical hazards
- **Working Temperature:** -40 to 75 degrees operating temperature
- **Considerate Design:** IP30 Industrial enclosure
- **Easy to use:** Plug and play, No configuration required

Environmentally Hardened Design

With the **IP30** metal industrial case which provides a high level of immunity against Electromagnetic interference and heavy electrical surges. Being able to operate under the temperature range from **-40 to 75 degrees C**, ATZ POE-ISW4GP-1GE1GS can be placed in almost any harsh environment.

Surge Protection Design

Provides contact discharge of $\pm 8\text{KV}$ DC and air discharge of $\pm 15\text{KV}$ DC for Ethernet ESD protection. It also supports $\pm 6\text{KV}$ surge immunity to improve product stability and protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate.

Dual Power input for High Availability Network

Featuring a strong dual power input system with wide-ranging voltages (12V~56V DC) incorporated into customer's automation network to enhance system reliability and maintain uptime which make the installation more flexible and stable.

Specifications:

Hardware Specifications

Ports	5 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 1 1000Mbps SFP Slot	
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2	
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green	
Power requirements	12~56V DC	
Power Consumption	Less than 5Watts	
Power Connector	Removable 4-pin terminal block. Pin 1/2 for Power 1; Pin 3/4 for Power 2	
Installation	DIN-rail kit and wall-mount kit	
Switch Performance	Backplane bandwidth	12Gbps
	Packet forwarding rate	8.93Mpps
	MAC address	4k

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Flow control	Back pressure for half duplex. IEEE 802.3x pause frame for full duplex
Enclosure	IP30 Metal case
ESD Protection	6KV ESD
Dimension(W x D x H)	135mm x 95mm x 36mm
Weight	0.75Kg

Power over Ethernet (PoE) Specifications

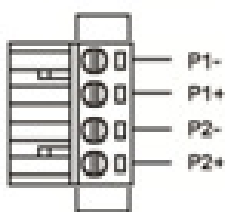
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
PoE Supply Type	1/2(+), 3/6(-) End-span
PoE Power Output	Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)
PoE Power budget	65/120W Optional

Environment

Environment specification	Operating temperature: -40°C~75°C, operating humidity: 5%~95% Storage temperature: -40°C~75°C, storage humidity: 5%~95%
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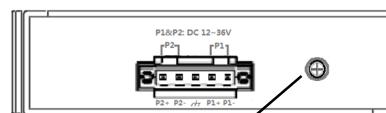
Installation

Power Terminal



- ◆ 4-pin 5.08mm-spacing plug-in terminal
- ◆ 12V-56VDC wide voltage input
- ◆ P1&P2 dual power input
- ◆ Reverse protection

Earth Protection



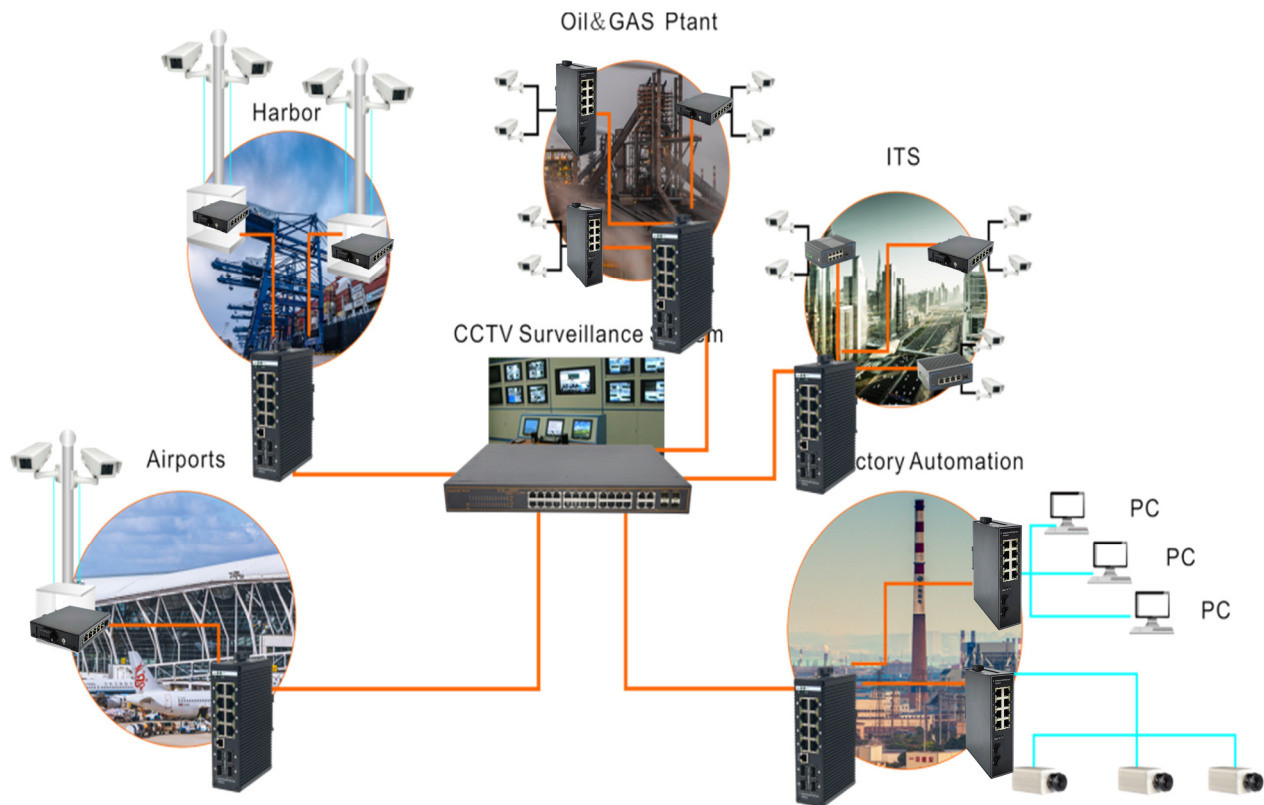
Ground terminal or screw



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Applications



Package Includes:

1x 4 ports Industrial PoE Switch (no power adapter)

Warranty: 3 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.