



4-Port Gigabit Industrial Un-Managed POE Switch with 1-RJ45 & 1-SFP Uplink

Key Features:

Ports: Provide 4*10/100/1000Mbps PoE ports with 1*1G Ethernet & 1*1G 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

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 85 degrees operating temperature

Considerate Design: IP40 Industrial design with dual power input

Easy to use: Plug and play, no configuration required.



AM-ISUG-4051GF-P

Environmentally Hardened Design

With the **IP40** 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 85 degree C**, the AM-ISUG-4051GF-P can be placed in almost any difficult 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.



Gigabit SFP Uplink Port

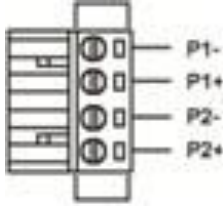
With One SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra-high speed data transferring, Beside the SFP can transmit the data with Max 100Km distance with more economical solution.

Technical Specification

| | |
|----------------------------------|--|
| Model | AM-ISUG-4051GF-P |
| Hardware Specifications | |
| Ports | 4*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 1*1000 Base-X SFP Slots + 1*1G RJ45 Uplink Port |
| PoE Port | 4*10/100/1000Mbps POE PSE port |
| LED Display | Power Indicator: PWR (green). Network Indicator: Link (yellow) PoE Working Indicator: PoE (green) |
| Thermal Fan | Fanless Design |
| Installation | Din Rail |
| Switch Architecture | Store and forward |
| Transmission model | IEEE802.3X full-duplex and Backpressure half-duplex |
| Switch Performance | Backplane bandwidth – 12 Gbps |
| | Packet forwarding rate - 8.92Mpps |
| | MAC address - 8k |
| Power requirement | DC 36V~54V |
| ESD Protection | 6KV ESD |
| Dimension(WxDxH) | 30mm x 95mm x 125mm |
| Weight | 1 kg |
| POE Specifications | |
| Network standard | IEEE802.3i 10 BASE-T |
| | IEEE802.3u 100 BASE-TX, IEEE802.3ab 1000BASE-T |
| | IEEE802.3x Flow Control |
| | 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 | 65W |
| Environment specification | |
| Safety | FCC Part15 Class A, CE, RoHs |
| Environment specification | Operating temperature: -40°C~85°C, operating humidity: 5%~95% Storage temperature: -40°C~85°C, storage humidity: 5%~95% |

Installation Models

Power Terminal

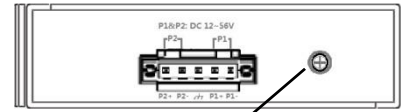


- ◆ 4-pin 3.81mm-spacing plug-in terminal
- ◆ 12V-54VDC wide voltage input
- ◆ P1&P2 dual power input
- ◆ Reverse protection



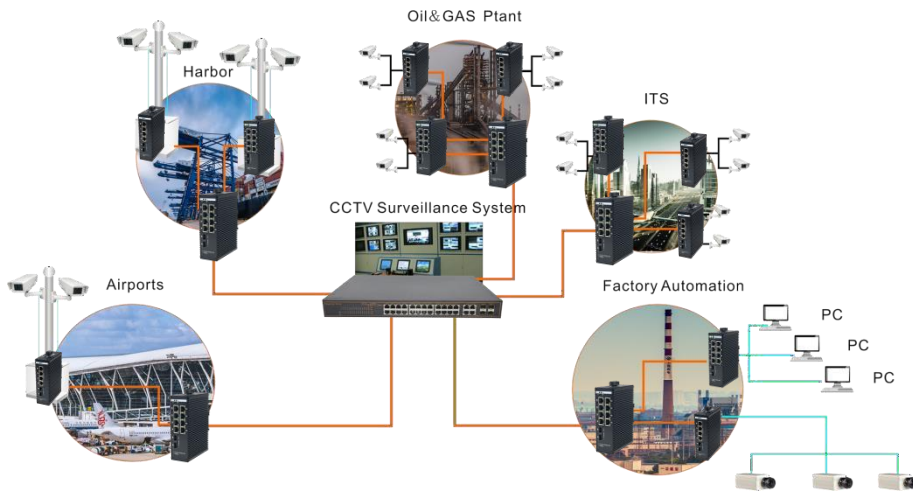
Din-Rail

Earth Protection



Ground screw

Applications



Ordering Information

AM-ISUG-4051GF-P

4 Ports 10/100/1000Mbps Industrial Un-Managed PoE switch with 1 SFP & 1 Ethernet Port