DATASHEET
AP-IGS108P

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10-Port Gigabit Industrial PoE Switch

PRODUCT OVERVIEW

This rugged industrial PoE switch is designed for DIN-rail and wall mounting and is equipped with:

- 8× Gigabit PoE ports,
- 2× Gigabit SFP uplink ports,
- Power Supply Input: DC 48–55V,
- Operating Temperature: -40°C to +75°C

The switch is certified for use in industrial environments and complies with CE standards. Its robust and reliable industrial-grade design ensures stable and uninterrupted operation, making it ideal for demanding automation systems and harsh operating conditions.

Appearance	Description
	• Support 8*10/100/1000M PoE Ports+2*1000M SFP Ports • Support IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x • Compatible with both IEEE802.3at (30W) and IEEE802.3af (15.4w) • High strengthiron shell, DIN35 Rail installation • Industrial grade 4 design, -40 to 75°C working temperature. • Support Redundant power supply access, support anti-reverse connection. • Support lightning protection, Surge: 6KV, ESD:15KV • Support EMC EN55032 standard.

APPLICATION ENVIRONMENT

- Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration, etc.
- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries.
- Multimedia transmission: Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications.
- Real-time monitoring: Simultaneous transmission of real-time control signals, images and data.

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PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-IGS108P
Power	DC 48-55V (Dual Input)
Ethernet	8 * 10/100/1000M PoE Ports 2 * 10/100/1000M SFP Ports
Standard	
Network Protocol	IEEE802.3 IEEE802.3u IEEE802.3ab IEEE802.3z IEEE802.3x
PoE Protocol	IEEE802.3af (15.4W) IEEE802.3at (30W)
Optical Characteristics	Multi-mode: 850/1310nm (0-2KM) Single mode: 1310/1550/1490nm (0-120KM)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge)
Network Medium	10BASE-T: Cat 3, 4, 5 UTP (≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000Base-TX : Cat5 or more UTP/STP (≤100 meter)
Optical Media	Multimode fiber : 50/125, 62.5/125, 100/140μm Single mode fiber: 8/125, 8.7/125, 9/125, 10/125μm
Protection	
Security Certificate	CE, FCC, RoHS
Environment	
Working Environment	Working Temperature: -40~75°C Storage Temperature: -40~85°C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing
Indication	
LED Indicators	PWR (Power) ,1-10 (Network Link & ACT)
Mechanical	
Structure Size	Product Dimension (L*W*H): 160*135*44mm Package Dimension (L*W*H): 242*207*86mm N.W: 0.73kg G.W: 0.90kg
Power Voltage	Input Voltage: DC 48-55 V Type of input: 4 PIN Industrial Terminal (block V1+V1- V2+ V2-)
Package List	Switch 1 pcs, Pull-arm 1 pair, User manual 1 pc, Certification1 pc
Indicators	
PWR (power supply)	Lighting: Powered Un-Light: No Power
1-10 Green (Link&Data)	Lighting: Connecting Flashing: Data Transmit Un-Light: Disconnect
Ordering Info	
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www.airpronetworks.com

All specifications in this document are subject to change without notice. AirPro products are sold with a limited warranty described at: www.airpronetworks.com
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