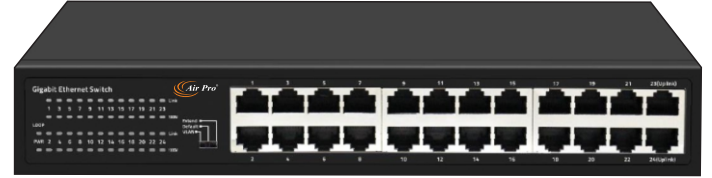Simple | Secure | Trusted

24-Port Gigabit Intelligent Ethernet Switch

PRODUCT OVERVIEW

The 24-port Gigabit intelligent Ethernet switch adopts high-quality and high-speed network Ics, and this product completely solves the problem of noise of small switches in the office environment through the Fanless mute design. This switch has 24 Gigabit Rj45 ports, can provide seamless connection for 10/100/1000M Ethernet, supports three working modes, onekey smart simple switching working mode, easy to manage and maintain, the product can be widely used in Security network video surveillance, hotel, campus, small and medium-sized enterprise network engineering and other occasions.

MAIN FEATURES

- 24*10/100/1000M RJ45 Ports.

- Apply to IEEE802.3, IEEE802.3u, IEEE802.3ab standard.

- Ethernet port supports 10/100/1000M adaptive.

- Support auto MDI/MDIX.

- Panel indicators to monitor working status and help fault analysis.

- One-key smart switch, supports VLAN, Default, Extend three modes.

- Flow control, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard.

- Port 1-8 supports QoS data priority.
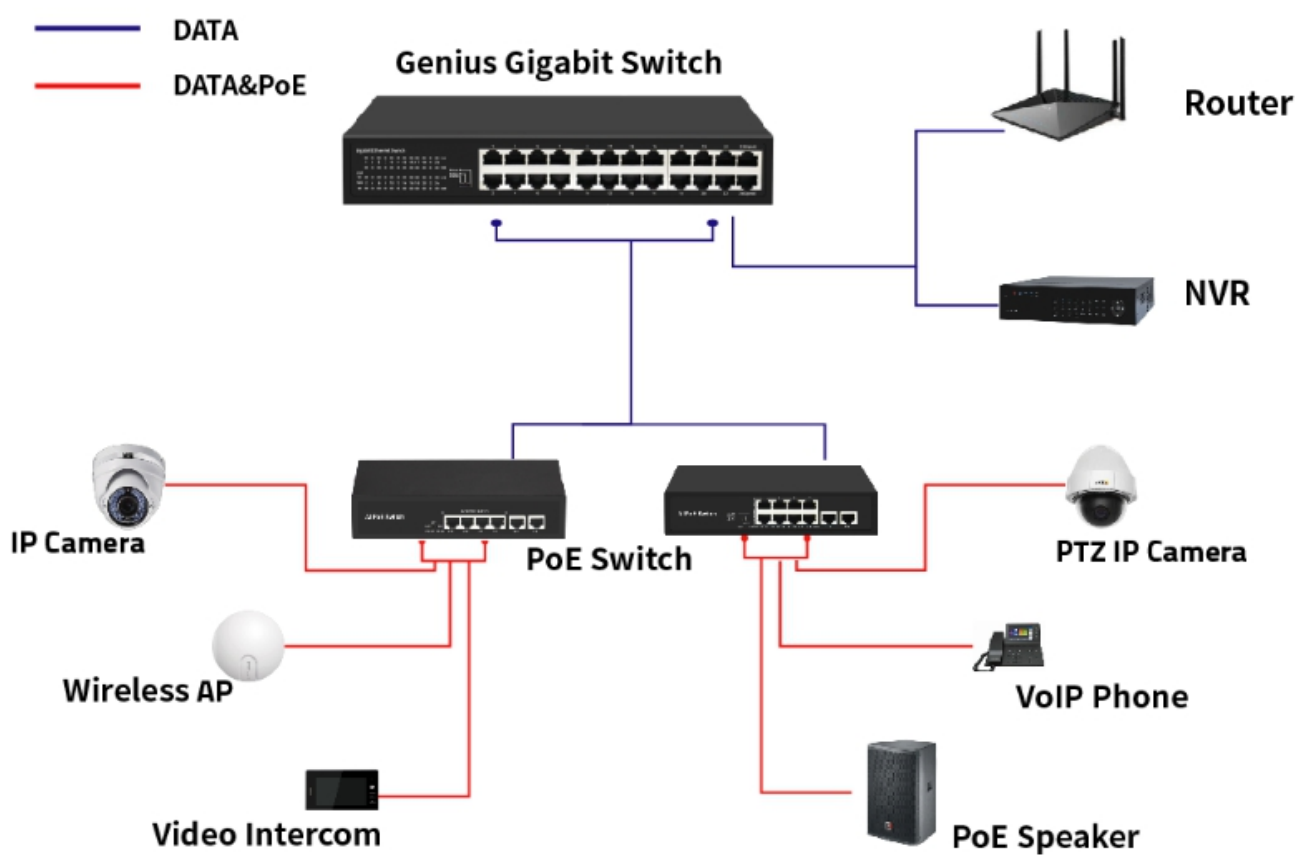
- Support Loop alarm.

APPLICATION SITUATIONS:

- Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration.

- 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.

PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-SG1024
Power	AC input (100-240V)
Ethernet	24*RJ45 10/100/1000Mbps Ports
Performance	
Switching Capacity	48Gbps
Throughput	35.71Mbps
Packet Buffer	4M
MAC Address	8K
Jumbo Frame	4Kbytes
Transfer Mode	Store and forward
MTBF	100000 hours
Standard	
Network protocol I	EEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
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 or above UTP(< 100m) 100Base-TX : Cat5 or above UTP(< 100m) 1000Base-TX : Cat5 or above UTP(< 100m)
Protection	
Security Certificate	CE, FCC, RoHS
Environment	
Working Environment	Working Temperature : -10~50°C Storage Temperature : -40~70°C Working Humidity : 10%~90%, non-condensing Storage Temperature : 5%~90%, non-condensing Working Height : Maximum 10,000 feet
Indication	
LED Indicators	PWR (Power indicator), Link (Network Link), Loop (Loop Alarm), 1000M
DIP Switch	VLAN : Port Isolation, 1-22 ports are isolated each other, all communicate with uplink port 23/24; Default: Default mode, Support loop alarm; Extend: Monitor Mode, 1-22 ports support 100M speed reduction negotiation, support 250 meters in 10Mbps/s mode, port 23 and port 24 as uplink port.
Mechanical	
Structure Size	Product Size : 270*180*45mm Package Size : 312*262*84mm Product Net-Weight : 1.16kg Product Gross-Weight : 1.66kg
Packing Info	MEAS : 540*435*332mm Packing Qty : 10 unit Packing weight : 17.6KG
Power Voltage	Power Input Voltage : AC 100-240 V
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Warranty card 1 pc, Brackets 1 pair
AP-SG1024	24-Port Gigabit Intelligent Ethernet Switch

DATA

DATA&PoE

Genius Gigabit Switch

Router

NVR

IP Camera

PoE Switch

PTZ IP Camera

Wireless AP

VoIP Phone

Video Intercom

PoE Speaker

Air Pro

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