Air Pro

Introduction

The 16-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 16 Gigabit RJ45 ports, can provide seamless connection for 10/100/1000M Ethernet, supports three working modes, one-key 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.

16-Port Gigabit Intelligent Ethernet Switch

AP-SG1016

Main Features

- 16*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 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

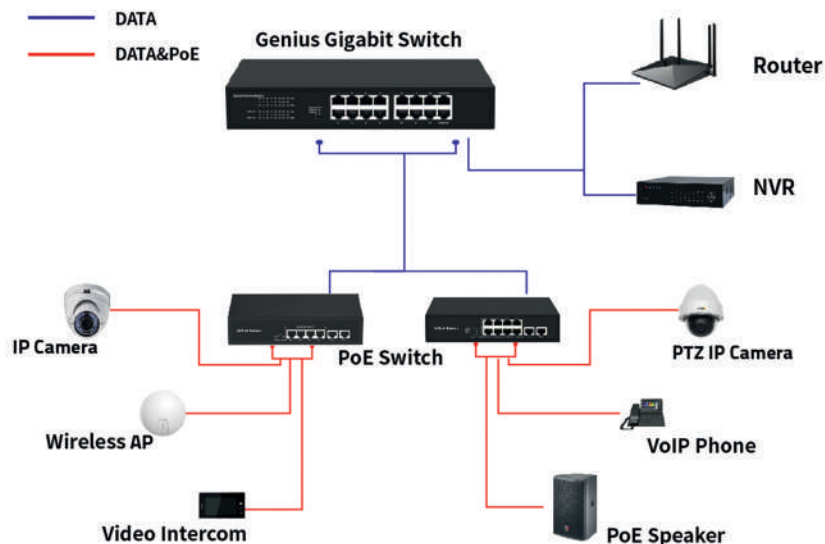- Real-time monitoring: Simultaneous transmission of real-time control signals, images and data

SPECIFICATIONS

I/O Interface	
Power	AC input（100-240V）
Ethernet	16*RJ45 10/100/1000Mbps Ports
Performance	
Switching Capacity	32Gbps
Throughput	23.8Mpps
Packet Buffer	4M
MAC Address	8K
Jumbo Frame	4K
Transfer Mode	Store and forward
MTBF	100000 hour
Standard	
Network protocol	IEEE802.3 (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 : Cat3,4,5 or above UTP(≤100m)
	100Base-TX : Cat5 or above UTP(≤100m)
	1000Base-TX : Cat5 or aboveUTP(≤100m)
Protection	
Security Certificate	CE、FCC、RoHS

DATASHEET

Air Pro

SPECIFICATIONS

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：Maximum10,000 feet Storage heigh：Maximum 10,000 feet

Indication	
LED Indicators	PWR（Power indicator）、Link（Network Link）、LOOP（Loop alarm）、1000M
DIP Switch	VLAN：Port Isolation, 1-14 ports are isolated each other, all communicate with uplink port 15/16; Default：Default mode, Support loop alarm; Extend：Monitor Mode, 1-14 ports support 100M speed reduction negotiation, support 250 meters in 10Mbps/s mode, port 15 and port 16 as uplink port;

Mechanical	
Structure Size	Product Size：268*181*44mm Package Size：312*262*84mm Product Net-Weight：1.0kg Product Gross-Weight：1.5kg
Packing Info	MEAS：540*435*332mm Packing Qty：10 unit Packing weight：16.5KG
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

Ordering Info	
AP-SG1016	16-Port Gigabit Intelligent Ethernet Switch

Application

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www.airpro.in