Product Datasheet

18-port Gigabit Uplink PoE Switch

(H1016PLS)



OVERVIEW

The H1016PLS is a gigabit uplink unmanaged PoE switch. It has 16*10/100M PoE ports and 2*10/100/1000M uplink RJ45 ports. Port 1-16 can support IEEE802.3af/at PoE standard. Single-port PoE power up to 30W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, video access control intercom, etc. through a network cable to meet the network environment that needs a high-density PoE power supply. It is suitable for hotels, campuses, factory quarters, and small and medium-sized enterprises to form an economy. Efficient network.

Unmanaged mode, plug, and play, no configuration, easy to use.

FEATURE

■ 10/100M access, Gigabit RJ45 uplink

- ♦ Support non-blocking wire-speed forwarding.
- ♦ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- Provides 16*10/100M PoE ports and 2*10/100/1000M RJ45 ports for flexible networking and meets the networking requirements of various scenarios.

■ Intelligent PoE power supply

- ♦ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ♦ 16*10/100Base-TX RJ45 ports meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

■ Stable and reliable, easy to use

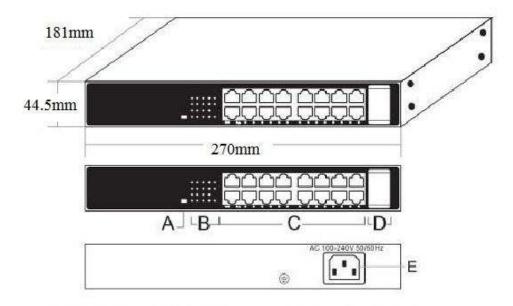
- ♦ CCC,CE, FCC, RoHS.
- ♦ Support desktop and 1U-19 inch cabinet installation.
- ♦ Plug and play, no configuration, simple and convenient.
- ♦ Low power consumption, fan active cooling, galvanized steel casing.
- ♦ The user-friendly panel can show the device status through the LED indicator of PWR, Link, and PoE.
- Self-developed power supply, high redundancy design, providing a long-term and stable PoE power output.
- With a function switch. Port 9-16 can support 10M/250 meters long-distance transmission mode when one key is opened.

TECHNICAL SPECIFICATION

Model	H1016PLS			
Interface Characteristics				
Fixed Port	16*10/100Base-TX PoE ports (Data/Power)			
	2*10/100/1000Base-T uplink RJ45 ports (Data)			
Ethernet Port	Port 1-16 support 10/100Base-TX and port 17-18 can support			
	10/100/1000Base-T(X) auto-detection, full/half-duplex MDI/MDI-X			
	auto-sensing			
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤250 meter)			
	100BASE-TX: Cat5 or later UTP(≤100 meter)			
	1000BASE-T: Cat5e or later UTP(≤100 meter)			
	100m&250m function switch. The default is OFF			
Functional Switch	When 100m turned on, the default is 100m transmission.			
	When 250m turned on port 9-16 support 10M/250m long-distance			
	transmission			
Chip Parameter				
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T			
Network Protocol	IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x			
Forwarding Mode	Store and Forward(Full Wire Speed)			
Switching Capacity	14.8Gbps (Non-blocking)			
Forwarding	5.36Mpps			
Rate@64byte	3.30Ινίμμο			
MAC	16K			
Buffer Memory	4M			
Jumbo Frame	10K			
LED Indicator	Power: PWR (Green), network: Link(Green), PoE: PoE (Green)			
PoE & Power Supply				

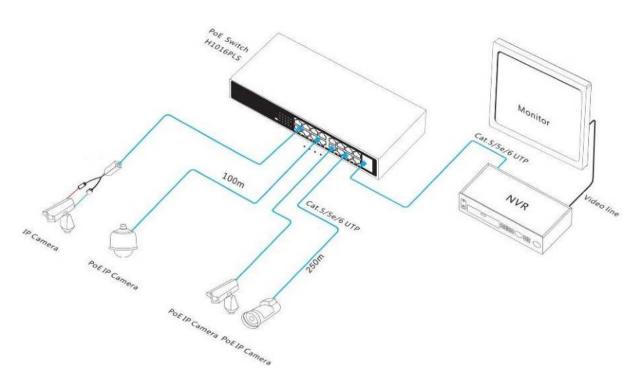
PoE Port	Port 1 to 16 IEEE802.3af/at			
Power Supply Pin	Default 1/2(+) 3/6(-) 2-pairs power supply			
Max Power Per Port	30W, IEEE802.3af/at			
Total PWR / Input	160W (AC100-240V)			
Voltage				
Power Consumption	Standby<15W, Full load <160W			
Power Supply	Built-in power supply, AC100~240V 50-60Hz 3.0A			
Physical Parameter				
Operation TEMP /	20. LEE°C(E)/ LOO/ DIL Non condensing			
Humidity	-20~+55°C;5%~90% RH Non condensing			
Storage TEMP /	-40~+75°C;5%~95% RH Non condensing			
Humidity				
Dimension (L*W*H)	270*181*44.5mm			
Net /Gross Weight	<1.7kg / <2.2kg			
Installation	Desktop, Wall-mounted, Rack-mounted			
Certification & Warranty				
Lightning Protection	Port lightning protection: 4KV 8/20us; Protection level: IP30			
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B,			
	RoHS			
Warranty	1 year, lifelong maintenance.			

DIMENSION



- A. Multi-functional switch
- B. Working indicator
- C. 16*10/100M PoE ports
- D. 2*10/100/1000M uplink RJ45 ports
- E. Power input port AC100-240,50/60Hz

APPLICATION



ORDERING INFORMATION

Model	Description	Built-in	
		Power Supply	
H1016PLS	Unmanaged PoE switch with 16* 10/100M PoE ports and		
	2*10/100/1000M uplink RJ45 ports. Port 1-16 can support	400\4/	
	IEEE802.3af/at PoE standard. Adjust function switch, Port	160W	
	9-16 can support 10M/250m long distance transmission.		

PACKING LIST

PACKING LIST	CONTENT	QTY	UNIT
	18-port gigabit uplink PoE switch	1	SET
	AC power line	1	PC
	Mounting Kits (hanging ears)	1	SET
	User guide	1	PC
	Warranty card	1	PC