

Managed 16 Port Gigabit PoE Switch UK-PS3016GS



Product Profile

UK-PS3016GS is Layer2 Managed 16 port gigabit PoE switch, auto detection and identification IEEE802.3af/at standard PD device, then carry power to it. Therefore do not worry it will destroy the private standard PoE or Non-PoE equipment. UK-PS3016GS is the best choice for minitype commercial network because it economically use PoE deployment wireless AP and IP camera. PS3016GS can resolve the problem of maintenance tedious, wireless coverage, terminal device powered, surveillance project. Maximum save the cost.

Key Features

- Support power over ethernet cable device for example wireless AP and IP camera.
- Support IEEE802.3af/at standard .
- Data and power transmission distance 100m, it can be flexible installation for wireless AP and surveillance project.
- 4.1Mbit Packet buffer size;
- 10K Bytes of packet length;
- Adopted storage forward switch system.
- Support the full port loaded with IEEE802.3 af /at power supply;
- Smart power and minimum consumption, guarantee PD requirement.
- With power supply circuit protection function and protection back-end device safety
- Automatically provide the adaptive device
- PSE modular design can flexible select PoE mode, easy to install

- Support IEEE802.1 Q VLAN and 4K VLANs
- Support IEEE 802.3、IEEE802.3u、IEEE802.3x、IEEE802.3az standard;
- Dynamic LED ,Provide the tips of simple working state and troubleshooting
- Support 3 modes
 - Default mode:POE data&power transmission 100m
 - Vlan Mode:Protect information and network
 - Extend mode:POE data&power transmission 250m
- Support AI Extend&AI QoS&AI Power supply&AI Vlan
- Support HI POE,IEEE802.3af/at,Max.46W output power single port

Specification

Network Port	• 10/100/1000Mbps PoE RJ45 port (port 1 ~ port16)
	• 2 Gigabit SFP port (17 port-18 port)
Transfer Pattern	Full wired-speed store-and-forward
Performance	• bandwidth: 36Gbps (non-blocking)
	• network delay (100 to 1000M bps) : maximum 20 μs (using 64 byte packet)
	• network delay (1000 to 1000M bps) : maximum 10 μs (using 64 byte packet)
	• MAC address capacity: 8K
	• Frames filter and transfer rate:
	10M : 14,880pps/port
	100M : 148809pps/port
1000M : 1488095pps/port	
Network protocol and standard	• IEEE 802.3ad,LACP;
	• IEEE 802.3u, Fast Ethernet;
	• IEEE 802.3ab, Gigabit Ethernet standard
	• IEEE 802.3x, Full-duplex Ethernet data link layers;
	• IEEE 802.3af/at , Ethernet power supply POE standard ;
	• IEEE 802.3az ,EEE ,Energy efficient Ethernet standard;
	• IEEE 802.3z ,Gigabit Ethernet fiber-optic standards;
POE pin	1/2(+), 3/6(-);
LEDs indicator	• Power、 POE
	• Link/ACT, 1000M
Power supply	• Total power: 150W (All PoE port, port 1 ~ port16)
Dimensions	• Size (LxWxH) : 440mm x 180 mm x 44 mm
	• Weight:3 kg
	• Operating Temperature: 0°-40°C (32°-104°F)

Environment	· Storage Temperature: -40°C-70°C (-104° -158°F)
	· Working Humidity: 10%-90%(Non-condensing)
	· Storage Humidity: 5%-90% (Non-condensing)
EMC	· CE Class B
	· FCC Part 15, Class B
	· VCCI Class B
	· C-Tick
Certifications	· CE,ROHS,FCC

Application Suggestion

1. In order to safety, pls non-professionals don't open the casing of product;
2. Pls be careful the risk of strong current and security protection when product is carrying on power;
3. Pls select the right power adaptor provide power for PoE switch, before using pls confirm if is it accord with the requirement of PoE switch;
4. Pls don't use PoE switch under the humid environment, avoiding water go into the product inside caused PoE switch breakdown.
5. Pls start the power after the circuit connected;
6. Pls don't plug-in and plug-out the connection cable when product is carrying on power;
7. Pls don't use PoE switch under somewhere with more dust and EME;
8. Pls don't put heavy product on PoE switch, in order to having an accident.;
9. According to the IEEE802.3AF/AT standard, pls use the Cat.5 or above;
10. Pls don't exceed the maximum output power of PoE switch when it connect more than one PD device ;