

16-PORT 100/1000Mbps Cloud Managed Gigabit Switch ACS4116-16GT2GT



This product is a cloud network management series Ethernet POE power supply switch, which independently developed by our company and provides 16 1000Mbps adaptive POE power supply RJ45 ports, and 2 upstream 1000Mbps adaptive RJ45 interfaces and 1 1000Mbps SFP interface, and can be used as an Ethernet power supply device. All power supply ports can automatically detect and identify the powered devices that meet the IEEE 802.3af/at standard; this model supports remote management, and can remotely manage the switch through the WeChat mini program "cloud network management" (the international version can achieve remote management through the mobile APP).



PRODUCT FEATURES & FUNCTIONS

- Follow the IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet protocol standards;
- Support the 802.3af/at standard protocol, with intelligent detection for power supply, and will not burn out non-powered devices;
- Overcurrent, overload, and short circuit protection, to eliminate hidden dangers and ensure power supply safety;
- Support common mode and differential mode lightning protection;
- Cloud network management: Visual remote management, on-site problems, remote resolution;
- Provides 16 1000Mbps adaptive POE power supply RJ45 ports, and 2 upstream 1000Mbps adaptive RJ45 interfaces and 1 1000Mbps SFP interface
- All ports support the function of automatic flipping (Auto MDI/MDI-X);
- Support IEEE802.3X full-duplex flow control and Backpressure half-duplex flow control;
- Support the independent learning and aging of MAC addresses;
- All-metal shell, and the whole machine is fully loaded with 240W;
- plug and play;

PRODUCT PARAMETERS

INDICATOR DEFINITION :

Indicator Light	Definition	Function Description
PWR	Power Indicator	Switch power indicator light is on: The device has been powered on.
Port LED	Link/ACT	If the port indicator is steady on, the connection is normal. If the port indicator is blinking, the data is being transferred

4. BASIC SPECIFICATION:

Item	Data
Port Composition	16 1000Mbps POE RJ45 ports and 2 1000Mbps cascading RJ45 port and 1 1000Mbps SFP interface.
Backplane bandwidth	38G
MAC Address	2K
Packet forwarding rate @ 64byte (throughput)	28.272 Mpps
Power supply	AC input 100-250V, 240W single power supply
Supply Line Sequence	12/36、45/78 all line sequence

5. SOFTWARE SPECIFICATION:

Item	Descriptions
Basic functions	Follow the IEEE802.3 Ethernet and IEEE802.3u Fast Ethernet protocol standards Compatible with powered devices (PD) that conform to the IEEE802.3af/at standard. Compatible with certified non-standard powered devices (PD). Store and forward The independent learning and aging of MAC addresses. IEEE802.3X full-duplex flow control and Back-pressure half-duplex flow control
Ethernet Protocols And Standards	IEEE802.3 Ethernet Media Access Control Protocol, IEEE802.3i 10BASE-T Ethernet IEEE802.3u 100 BASE-TX Fast Ethernet, IEEE802.3ab 1000 BASE-T Gigabit Ethernet IEEE802.3z 1000BASE-XSFP interface IEEE802.3af To achieve the power supply of Ethernet devices through Ethernet data lines or devices IEEE802.3at To achieve high-power power supply of Ethernet devices through Ethernet data lines or devices
Data Transmission Rate	Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Fast Ethernet 100Mbps half-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000 Mbps Full-Duplex
Cloud Network Management:	Switch SN (Sequence Number) information, device model, firmware version, real-time IP, real-time port power, port LINK status, link duplex, up and down link rate.
Cloud Network Management: Device Operation	Port isolation setting, port restart, port POE switch, port super-long switch, switch whole machine restart, whole machine setting reset, firmware upgrade.

6. POE PERFORMANCE:

Item	Data
IEEE802.3af , IEEE802.3at	Support
The Maximum Power Output Of The Port	30W
Overcurrent protection, Overvoltage protection	Support
Shortcircuit protection	Support
Sequential startup (to avoid excessive instantaneous current)	Support
High power PD soft start.	Support

7. ENVIRONMENTAL REQUIREMENTS:

Environment	Parameter
Temperature	Working temperature:0°C~40°C - Storage temperature:-40°C~70°C
Humidity	Working humidity: 10%~90% RH non-condensing Storage humidity: 5%~90% RH non-condensing
Altitude	Working altitude: Maximum 6500 feet (2000meters) Storage altitude: Maximum 6500 feet (2000meters)

8. PRODUCT WEIGHT:

Category	Weight
Naked Machine Without Packaging	Approximately 0.75kg
The Entire Box Weight (20PCS)	Approximately 21kg

9. LIGHTNING SURGE PROTECTION (10/700US)

Performance	Data
Differential Mode	4KV
Common Mode	4KV

PRODUCT SIZE

