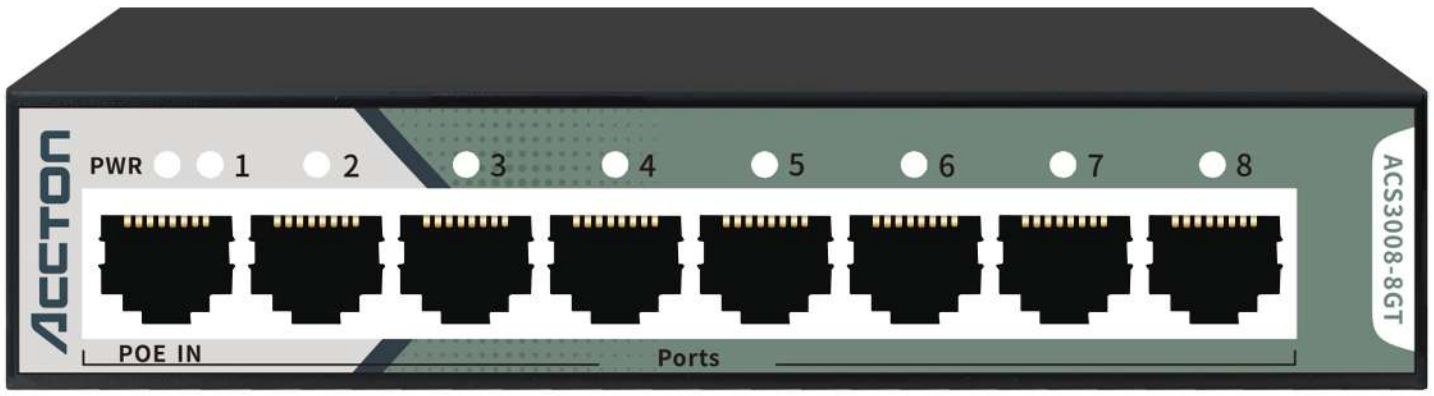
8-PORT CLOUD MANAGED SWITCH | ACS3008-8GT



This product is a fully gigabit cloud-managed switch independently developed by our company. It provides 5 10/100/1000Base-T RJ45 ports, supports national standard 802.3 POE and non-standard 48V-57V POE power receiving. It supports remote mobile phone access for monitoring the operating status of the switch and management of various network functions. The switch can be remotely managed through the APP "Amitres IOT", and the switch ports can be remotely viewed and managed,and support login management through local WEB page.



PRODUCT FEATURES & FUNCTIONS

- Support 802.1Q VLAN, MTU- VLAN,Port VLAN suitable for a variety of networking service requirements.
- Support port isolation；
- Support port QoSand port traffic limiting；
- Support network loop detection;
- Support national standard 802.3 POE and non-standard 48V-57VPOE power receiving;
- Support App"Amitres IOT" to remotely manage switch, support local web management；
- Provide810/100/1000Base-T RJ45 ports;
- Support Ethernet EEE of 802.3az, and support energy-saving mode;
- Support 4Mbitspacket cache;
- Support 15kbytes jumbo frames;
- Allports support the auto flipping (Auto MDI/MDI-X)function;
- Support full-duplex flow control of IEEE802.3X and half-duplex flow control of Backpressure;
- Supportt heautonomous learning and aging of MAC addresses;
- Support port MACbinding;
- Support port mirroring;
- Support local Web management;
- Cloud network management: Visual remote management, on-site problems, remote solution;
- Overcurrent, overload, and short circuit protection, to eliminate hidden dangers and ensure power receiving safety.
- plug and play;

3. INDICATOR DEFINITION：

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

4. GENERAL SPECS

Item	Parameter
Port Composition	8 1000Mbps.RJ45ports
Backplane Bandwidth	16G
MAC Address	8K
Packet forwarding rate@ 64byte (throughput)	11.904 Mpps
Power Supply	DC Input 9-52V/0.4A，standard configuration power supply
Network medium and transmission distance	1000Base-T:4pairs of super 5 Category（Cat5e)or above UTP/STP (≤100m) 100Base-TX:2 pairs of 5 Category（Cat5）or above UTP/STP (≤100m) 10Base-TX:2 pairs of 5 Super Category（Cat5e）or above UTP/STP (≤250m)

5. SOFTWARE SPECIFICATION

Item	Parameter
Basic Function	Comply with IEEE802.3 Ethernet and IEEE802.3u Fast Ethernet protocol standard Compatible with POE powersupply devices that comply with IEEE802.3 af/at standards; Store and forward MAC autolearning and aging IEEE802.3X full-duplex flow control and Back pressure half-duplex flow control
Ethernet Protocol And Standard	IEEE802.3 Ethernet Media Access Control Protocol IEEE802.3i10BASE-T Ethernet IEEE802.3u100BASE-TX Fast Ethernet IEEE802.3ab1000BASE-T Gigabit Ethernet IEEE802.3x Traffic Control
Data Transmission Rate	Ethernet 10 Mbps half-duplex，20Mbps full-duplex Fast Ethernet 100Mbps half-duplex, 200Mbps full-duplex Gigabit Ethernet 2000Mbs full-duplex
The supported contents of the remote control end (through the APP “Amitres IOT”)	
CloudNetwork Management: Information Viewing	Switch SN information, device model, firmware version, real-timeI P,real-time port power,port LINK status, link duplex, up and down rate,VLAN status;
CloudNetwork Management：Device Operation	Port isolation setting, port restart, port closure, ports peed limit, port ultra-remote switch, switch whole machine restart, whole machine setting reset, port duplex setting, firmware upgrade, VLAN setting;
Security Features	Based on password protection Support MAC/PORT binding Support DHCPSnooping、DHCPattack protection Support port security、port isolation Support CPU protection function Support network loop detection

Control(ACL)	Support port mirroring、port redirection、flow rate limiting、QoS remarking
Quality of Service (QoS)	Support 8port queues, Support port priority、802.1Ppriority、DSCP Priority Support SP、WRR、SP+WRR、Equpriority scheduling algorithm
Management and Maintenance	Support WEB Network management, Support PC client management Support mini-program /APP remote management

6. POE FUNCTION

Item	Parameter
IEEE802.3af Power Receiving	Support one port
Power Receiving Over-Voltage Protection	Supported

7. ENVIRONMENT REQUIREMENTS

Environment	Parameter
Temperature	OperatingTemperature：0℃ ～40℃ StorageTemperature：-10℃ ～70℃
Humidity	Operating Humidity：20%～85%RH non-condensing Storage Humidity：10%～90%RH non-condensing
Altitude	Operating：The maximum is 6500 feet（2000meters） Storage：The maximum is 6500 feet（2000meters）

8. WEIGHT

Category	Parameter
Nacked Machine (Without Package)	Approximately 0.25kg
The Weight Of The Whole BOX(60PCS)	Approximately 29kg

PRODUCT SIZE

