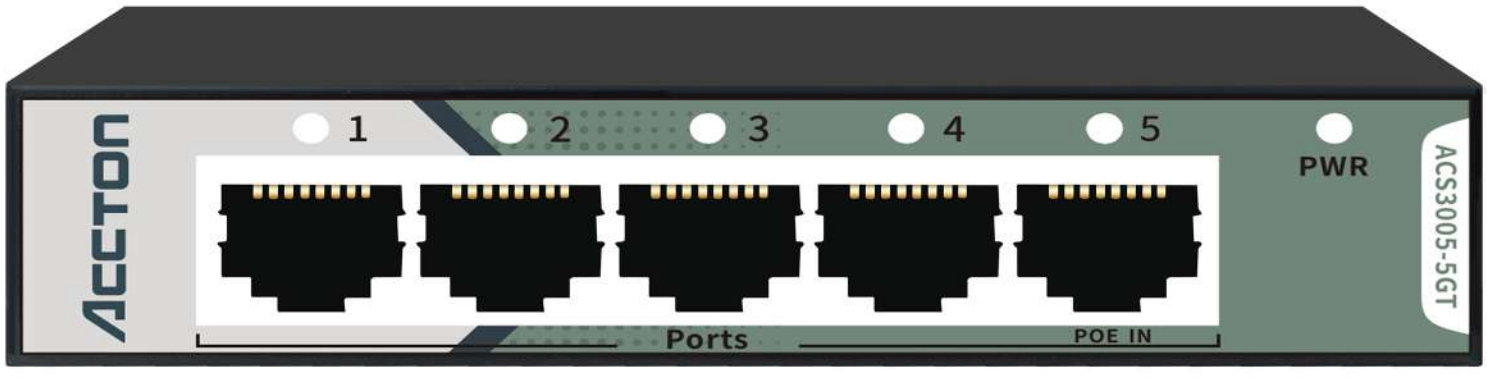
5-PORT CLOUD MANAGED SWITCH | ACS3005-5GT



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,PortVLAN suitable for a variety of networking service requirements.
- Support Port isolation; Support network loop detection;
- Support Port QOS; Traffic limit of port;
- Support broadcast and multicast storm suppression;
- Support powerreceiving of national standard 802.3POE and non-standard 48V-57V POE;
- Support App"Amitres IOT" to remotely manage switch, support local web management ;
- Provide 510/100/1000Base-T RJ45 ports;
- Support 802.3az Ethernet EEE, Support energy-saving mode;
- Support 4Mbits packet buffer;Support 15Kbytes jumbo frames
- All ports support the Auto MDI/MDIX function;
- Support IEEE802.3X full-duplex flow control and Backpressure half-duplex flow control;
- Support self-learning and aging of MAC addresses;
- Support port MAC binding;
- Support port mirroring;
- CloudNetwork Management: Visual remote management, on-site problems, and remote solutions;
- Over-current, over-load, 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 light, on: The device has been powered on.
Port LED	Link/ACT	ON：Port link is normal；Blinking：Data is being transferred

4. GENERAL SPECS

Item	Parameter
Port Composition	51000Mbps.RJ45ports
Backplane Bandwidth	10G
MAC Address	2K
Packet forwarding rate@ 64byte (throughput)	7.44Mpps
Power Supply	DC Input 12V/0.4A，Standard power
Network medium and transmission distance	1000Base-T:4pairs of super 5 category（Cat5e)or above UTP/STP (≤100m) 100Base-TX:2 pairs of 5category（Cat5）or above UTP/STP (≤100m) 10Base-TX:2 pairs of 5 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	SwitchSNinformation,devicemodel,firmwareversion,real-timeIP,real-time portpower,portLINKstatus,linkduplex,upanddownrate,VLANstatus;
CloudNetwork Management：Device Operation	Portisolationsetting,portrestart,portclosure,portspeedlimit,port ultra-remoteswitch,switchwholemachinerestart,wholemachinesetting reset,portduplexsetting,firmwareupgrade,VLANsetting;
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)	Quality of Service (QoS)
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	Support

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 150g
The Weight Of The Whole BOX(60PCS)	Approximately 19kg

PRODUCT SIZE

