WSC084

FEATURES

- 1-8 port support 250Meters long-distance power supply (recommended cat5e or 6 network cable)
- Support a key VLAN, the port 1-8 isolated from each other, which can effectively inhibit network storms, improve network performance
- Supports IEEE 802.3af / at standard, automatically detects and identifies devices that comply with the IEEE 802.3af / at standard and supply power to it
- Support Auto MDI/MDIX;
- Adopt store-and-forward exchange method
- intelligent power supply, the lowest power consumption, ensure PD power needs
- With power circuit protection, protect the safety of PD
- No configuration characteristics of the power supply is automatically supplied to the adaptive equipment;
- Fan-less design, energy saving and environmental protection; no noise, reduce the impact on the environment.
- Support Apollo Cloud Platform One-stop Management, Realizing Visual Management of Switches and connected devices, making Operations and Maintenance Simpler.
- Small, exquisite design
- Plug and play, no configuration required, easy to use.

SPECIFICATION

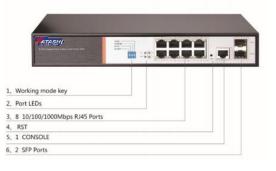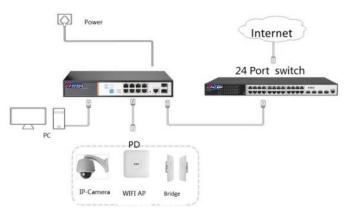| Technical Parameters	
Chipset	Realtek High Performance Chipset
Flash	16MB
RAM	128DDR
Port	8 10/100/1000Mbps RJ45 ports
	2 Gigabit SFP fiber ports
	1 Console port
PoE	8 10/100/1000Mbps RJ45 port support PoE
	Max 150W
	Single port max 46W
LEDs	10 Link/Act LEDs
	8 POE LEDs
	1 Power LEDs 1 SYS LED
Performance	Forwarding mode: store and forward
	Switch Volume (Full-duplex)： 20Gbps
	Packet forwarding rate： 14.88Mpps
	8K MAC address table
lightning protection	±4KV
ESD	No barrier: ±6KV Air： ±8KV
Input	100-240V/50-60Hz
Dimension (L×W×H)	285mm×180mm×44mm
Network standard	IEEE 802.3: Ethernet Media Access Control (MAC) protocol IEEE 802.3i:10BASE-T Ethernet IEEE 802.3u:100BASE-TX fast Ethernet IEEE 802.3ab:1000BASE-T gigabit Ethernet IEEE 802.3z:1000BASE-X gigabit Ethernet (fiber) IEEE 802.3ad: comply link aggregation standard IEEE 802.3x: flow control IEEE 802.1p: About the traffic priority of the second layer of Qos / Cos protocol (multicast filtering) IEEE 802.1q:VLAN Bridge operation IEEE 802.1d:STP spanning tree IEEE 802.1s:MSTP spanning tree IEEE 802.1w:RSTP spanning tree IEEE 802.3af IEEE 802.3at
Shortcut function	One key VLAN
	One key Extend (1-8 port 250meters PoE distance)
	One key QoS (Video priority)
	One key AI power supply
DHCP	Support DHCP Snooping

SPECIFICATION

Technical Parameters	
VLAN	Support 4K VLAN
	Support 802.1Q VLAN, Port VLAN, Voice VLAN
MAC address table	Comply the IEEE 802.1d standard
	Support MAC address learning and aging automatically
	Support static, dynamic, filter address table
Safety	Password protection
	Support based on the port number, IP address, MAC address restrictions on user access
	Support HTTPS, SSL V3, TLS V1, SSH V1/V2
	Based on user rating management and password protection
	Support IP-MAC-PORT
	Support ARP protection, IP sources protection, DoS protection
	Support DHCP Snooping, DHCP attack protection
	Support 802.1X AAA
	Support port security, port isolation
	Support CPU protection
PoE	Support setting the PoE port priority
	Support viewing POE Chip Status
	Support setting PoE power supply period
	Support setting port power
Access control (ACL)	Support L2(Layer 2)～L4(Layer 4) packet filtering function
	Support port mirroring, port redirection, flow rate limit, QoS re-marking
QoS	Support 8 port queue
	Support port priority, 802.1p priority, DSCP priority
	Support SP, RR, WRR, WFQ Priority scheduling algorithm
	Support automatically identify, manage and acquire of connected equipment information
Multicast	Support IGMP v1/v2 Snooping
	Support static multicast
	Support multicast VLAN
Spanning Tree	Support STP(IEEE 802.1d)， RSTP(IEEE 802.1w) and MSTP(IEEE 802.1s) protocol
	Support loop protection, BPDU protection
Storm suppression	Support for multicast suppression
	Support broadcast suppression

Technical Parameters	
Storm suppression	Support for unknown unicast suppression
Link aggregation	Support static aggregation
	Support dynamic aggregation
	Support IP, MAC, hybrid load balancing mode
	Supports up to 32 aggregation groups
Management and maintenance	Support WEB management (HTTP, HTTPS, SSL V3)
	Support CLI (Telnet, local serial port)
	Support SNMP V1/V2/V3
	Support LLDP, RMON
	Support ARP Protection, IP Source protection, DoS protection
	Support CPU monitor, memory monitoring
	Support system log
	Support Ping, Tracert detect
Working environment	·Operating Temperature: 0°~40°C
	·Operating Humidity : 10%~ 90%， Non-condensing
Storage environment	·Operating Temperature: -40°C～70°C
	·Operating Humidity : 5%～90% RH no condensation
safety	· CE/ROHS/FCC/CCC

1. Working mode key
2. Port LEDs
3. 8 10/100/1000Mbps RJ45 Ports
4. RST
5. 1 CONSOLE
6. 2 SFP Ports