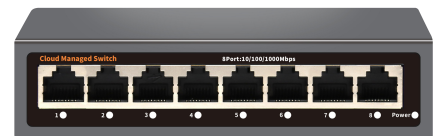


Cloud Managed 8-port Full Gigabit Ethernet Switch

Features

- ▶ 8 x 10/100/1000BASE-T RJ45 Auto-MDI/MDI-X Ports
- ▶ Supports Full/Half-duplex, Auto-negotiation
- ▶ IEEE 802.3az Energy Efficient Ethernet (EEE)
- ▶ Optional IEEE 802.3af/at PoE Support
- ▶ Supports VLAN, QoS, IGMP Snooping and management
- ▶ Environmentally Operating Temperature:
-10°C to 55°C



Product Description

This cloud managed gigabit switch adopts high-performance hardware chip with 4M large cache, stable data processing and forwarding capability. Equipped with 8 full gigabit RJ45 ports, total max power consumption 12W.

It supports complete Layer 2 management functions including VLAN, QoS, IGMP Snooping, loop protection, port aggregation, port mirroring and storm suppression.

It can be configured via web page, telnet, CLI or mobile APP cloud platform, widely used in small office, monitoring, retail and smart home networking scenarios.

Product Specification

Ethernet	Ethernet Standards	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.1Q, IEEE 802.1p
	Packet Forwarding Rate	10BASE-TX: 14880 pps/port 100BASE-TX: 148800 pps/port 1000BASE-TX: 1488000 pps/port
	Port Functions	Power priority, fast forwarding, auto MAC learning & aging IEEE802.3X full-duplex flow control & half-duplex backpressure
	MAC Address Table	8K entries
	Backplane Bandwidth	16Gbps
	Total Forwarding Rate	11.9Mpps
Software	Web Management	Dual IP management Fixed static IP: 10.77.88.100Default IP: DHCP auto-obtain, static IP configurable on web UI Default account: Username: admin, Password: admin
	IP Configuration	Static IP setup / DHCP auto acquisition
	User Management	Modify login username & password
	Port Management	Port enable/disable control Adjust speed, duplex mode, flow control & MTU value
	Link Aggregation	Max 4 aggregation groups, up to 8 member ports per group
	Port Isolation	Support port isolation function
	Loop Protection	Built-in loop detection & protection
	Port Mirroring	Up to 4 mirror sessions Mirror ingress & egress traffic of ports and aggregation groups
	Port Rate Limiting	Inbound speed limit per port
	EEE	IEEE 802.3az energy-saving Ethernet
	VLAN	Port-based VLAN / 802.1Q tagged VLAN / Voice VLAN / Surveillance VLAN
	QoS	Traffic classification: 802.1p COS, DSCP, port-based Scheduling modes: SP, WRR, WFQ
	Spanning Tree	Support STP, RSTP
	LLDP	Support LLDP link layer discovery protocol
	Multicast	Support IGMP Snooping & IGMP Querier
	MAC Management	Limit learned MAC count per port Add/delete static MAC entries MAC address search & dynamic MAC table view
	Storm Suppression	Restrain unknown unicast, multicast & broadcast storm

		traffic
	Traffic Statistics	Monitor Tx/Rx byte & packet counters
	Cable Tester	Detect cable connection status & cable length
	Network Diagnosis	Built-in PING tool for network troubleshooting
	Cloud Management	Mobile APP remote cloud management
	System Maintenance	Firmware upgrade Configuration backup & restore Factory reset / web reboot / config save Chinese & English UI switch Customizable device system name
Electrical	DC Internal Working Voltage	12V DC
	DC Working Current	≤1A
	DC Standby Power	≤1W
Environmental	Operating Temperature	-10°C ~ +55°C
	Storage Temperature	-40°C ~ +85°C
	Operating Humidity	10%~90% RH, non-condensing
	Storage Humidity	5%~95% RH, non-condensing
	Max Working Altitude	2000m (6500ft)
	Cooling Method	Natural air cooling

Application

- SMB Office Networks
- Campus/Park Access Layers
- Supermarkets/Chain Stores
- Small Data Centers/Computer Rooms
- Security Surveillance Networks