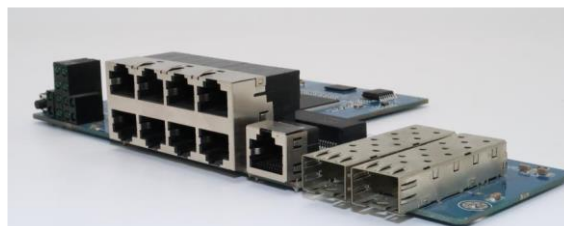




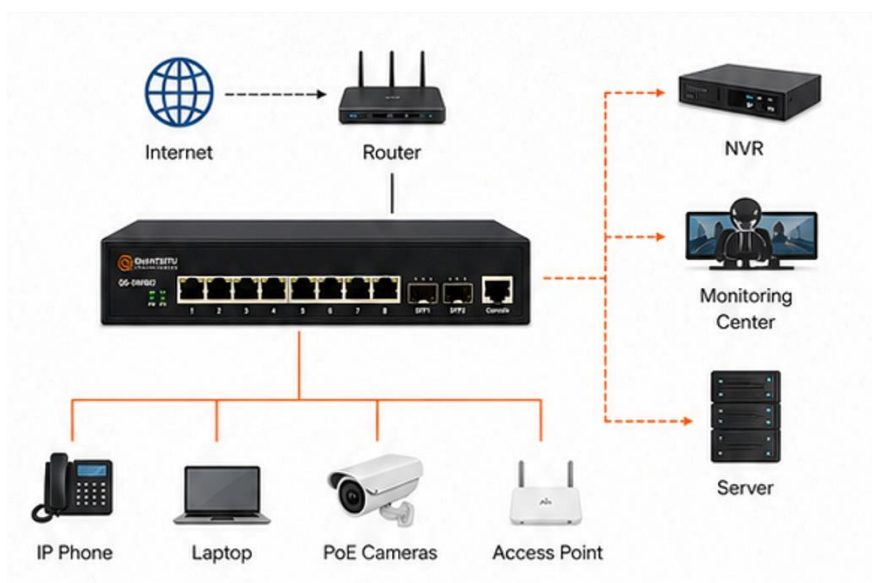
8 Port Gigabit Managed Switch

QS-SW802 is all gigabit managed switch, with 8*10/100/1000Mbps RJ45 port and 2 Separate gigabit SFP fiber optic module expansion slot. Using store-and-forward technology, combined with dynamic memory allocation, to ensure the effective bandwidth allocated to each port, support static routing capabilities, to provide complete security policy, improve the QoS strategy and plenty of VLAN function, easy to maintenance management, satisfy the business enterprise, village, hotel, office network and campus network of the network and access requirements.

- Support RJ45 Auto-MDI/MDIX;
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az);
- Supports a complete lineup of L2 features, including 802.1Q tag VLAN, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Control Protocol and 802.3x Flow Control function
- Web, CLI (Console Port, Telnet, SSH), SNMP and RMON bring abundant management policies



Model	QS-SW802
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad
Interface	8*10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2* 1000Mbps SFP Slots 1 Console Port
Indicator	PWR(Green), LNK/ACT(Green)
Network media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-T: UTP category 5e, 5 cable (≤100m) 100BASE-FX: MMF, SMF 1000BASE-X: MMF, SMF
MAC Address Table	8K, Auto-learning, Auto-aging
jumbo frame	10000Bytes
Transfer Mode	Store-and-forward
Packet buffer	4.1Mbit
Packet Forward Speed	14.88Mpps
Switching Capacity	20Gbps
Dimensions(L*W*H)	280*180*44mm
Green energy saving	IEEE (802.3az)
Input Power Supply	100-240V AC 50/60Hz
Output Power supply	12V/1.2A
Operating Temperature	0°C ~ 40 °C
Storage Temperature	-40 °C ~ 70 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing



IGMP Snooping	IGMP Snooping v1/v2/v3		
	MLD Snooping v1/v2 MVR		
L3	Static Route Static ARP DHCP Server		
	Hardware Queues		
QoS Features	Class of Service	Port Based 802.1p CoS DSCP IP Precedence TCP/UDP (IPv4/IPv6)	
		Rate Limiting	Ingress Egress
		Priority Queue Scheduling	WRR Strict Priority DSCP & CS
		IPv4 QoS (QCEs)	
		IPv6 QoS (QCEs)	

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Security	Port Security	
	Port Isolation	
	IEEE802.1x AAA	
	ACLs	L2+/L3/L4
		IPv6 Support
		Management Access List
	Management ACL/Management ACE	
	IP Source Guard (IP-MAC-Port-VALN Binding)	
	IP Source Guard (IP-MAC-Port Binding)	
	Dynamic ARP Inspection	
	Storm Control	
	RADIUS/TACACS+	
	RADIUS Authentication (RFC2138)	
	DDoS Prevention	
	HTTPs and SSL (Secured Web)	
	SSH v1.5/v2.0 (Secured Telnet Session)	
	DHCP Snooping	
	DHCP Relay	

Management	SNMP (v1, v2c, v3)	
	RMON (1,2,3 & 9 groups)	
	Software Upgrade	
	Configuration Export/Import	
	DHCP	Client
		Option 82
		Option 66
		Option 67
	Event/Error Log	Syslog
	Management Access Filtering	Console
		SNMP
		HTTP/HTTPS
		Telnet
	Port Mirroring	
	LLDP (IEEE802.1AB)	
	LLDP-MED	
	UDLD	
	DNS Client	
	Traceroute	
	Ping	
	Cable Test	
	DDMI	
	NTP/ SNTP (RFC2030)	
IPv6 Support	Dual IPv6/IPv4 stack	
	IPv6 Web/SSL	
	IPv6 SNTP (Simple Network Time Protocol)	
	IPv6 Telnet / SSH	
	IPv6 Ping/Traceroute	
	IPv6 TFTP	
	IPv6 RADIUS/TACACS+	
	IPv6 SNMP	
PoE Management	Port Config	
	Alive Checking for PD	
	PoE Delay	
	PoE Schedule	
ONVIF	ONVIF Detection	
	ONVIF Server (NLM)	