



## Distribution SW best choice:

QOS	VLAN	DSCP	LACP
IGMP	RATE-Control		SNMP
Tag	RSTP	MAC	MVR

### Specification:

**Interface:** Number of Ports 8X 10/100/1000 RJ45 TX + 16X Giga SFP ports

**Network standard:** IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE IEEE 802.3z, IEEE 802.3ab (1000Base)

**Power:** AC 110/220V

**Dimension:** 440 x 172 x 43 mm

**Working Temp:** 0~ 50 °C

**Humidity:** 10% to 90% (Non-condensing)

### Features:

- ✚ Access Method Ethernet, CSMA/CD
- ✚ Communication Rate 10/100/1000Mbps,
- ✚ Full / Half duplex (auto-negotiation)
- ✚ MDI/MDIX Auto-detect (forced mode is supported)
- ✚ Bridging Function Filtering, forwarding and learning
- ✚ Switching Method Store-and-forward
- ✚ Address Table 8K entries
- ✚ Filtering/Forwarding Rate Line speed
- ✚ Maximum Packet Size 9600 Bytes
- ✚ Flow Control 802.3x for full duplex, backpressure for half duplex
- ✚ VLAN 802.1Q VLAN, Port-based VLAN, Private VLAN
- ✚ VLAN Stacking
- ✚ QoS 4 transmit priorities per ports, for port-based/802.1P tagged-based/DSCP priority operation
- ✚ Spanning Tree Support RSTP/STP protocol
- ✚ Trunking 8 groups max., Static and LACP are supported
- ✚ Mirror Port
- ✚ IGMP Snooping - for IP multicast traffic.
- ✚ MVR
- ✚ Mac ID Security on Port Static Mac address access limit on port, and Dynamic Mac address number limit on port
- ✚ IP Filter on Port - IP/Subnet access filter function by port
- ✚ 802.1x support Authentication and Transparent modes
- ✚ Guest VLAN and Dynamic VLAN are supported

**Features:**

- ✚ DHCP Relay support DHCP Relay Option 82 function.
- ✚ Rate Control -128Kbps~1000Mbps, for ingress/egress traffic
- ✚ Storm Control Broadcast, Multicast, and Unicast Storm Control
- ✚ Admin Manage Security Yes, by IP/Subnet/Protocol-interface limit
- ✚ System Time - by NTP protocol
- ✚ System Log - Local and Remote (by syslog) logging
- ✚ Out-band Management Console
- ✚ In-band Management http(s), telnet, and SNMP
- ✚ SNMP v1,v2c,v3 agent, support MIB-II,Bridge MIB,802.1Q
- ✚ MIB and Private MIB
- ✚ Software Update/Backup by http/TFTP protocols, Xmodem, for firmware and configuration(binary/text)
- ✚ Certification CE Mark, FCC Class A

**Application:**

