



AP
ESG3010

8 Port 10/100/1000Mbps L2 Managed Ethernet Switch

- Complies with IEEE802.3, IEEE 802.3u, IEEE 802.3ab standards.
- 8 x 10/100/1000Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX.
- Support the Console port management.
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode.
- 8K entry MAC.
- Supports WEB management interface.
- LED indicators for monitoring power, link, activity and speed.
- Internal power adapter supply.



OVERVIEW

ESG3010 8-port+2SFP10/100/1000M Switch provides the seamless network connection. It integrates 10/100/1000Mbps Ethernet network capabilities.

ESG3010 is L2 Managed Ethernet Switch, and can be configured by web based interface. Including administrator, port management, VLAN setting, each port statistics, trunking setting, QoS setting, security filter, configuration/ backup/recovery, miscellaneous, log out, and soon.

KEY FEATURES

- Complies with IEEE802.3, IEEE 802.3u, IEEE 802.3ab standards.
- 8 x 10/100/1000Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX.
- Support the Console port management.
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- 8K entry MAC.
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HARDWARE SPECIFICATIONS

| ITEMS | SPECIFICATIONS |
|----------------------------------|---|
| Interface | 8, 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 2 1000Mbps SFP Slots 1 Console Port |
| Network Media | 10BASE-T: UTP category 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5 cable (maximum 100m) 1000Base-T: UTP category 5, 5e cable (maximum 100m) |
| Transfer Method | Store-and-Forward |
| MAC Address Table | 8K |
| Switching Capacity | 20 Gbps |
| Frame Filtering and Forward Rate | 10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps |
| Dimensions (L × W × H) | 280*180*44 mm |
| Environment | Operating Temperature: 0°C~40°C Storage Temperature: -10°C~70°C Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing |

SOFTWARE SPECIFICATIONS

| ITEMS | SPECIFICATIONS |
|---------------------|--|
| Quality of Service | Support 802.1p CoS/DSCP priority Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting |
| L2 Features | IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group) Spanning Tree Port isolation |
| VLAN | Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) Port/ MAC/Protocol-based VLAN Management VLAN configuration |
| Access Control List | L2 ~ L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID; Time Range Based |
| Security | SSH v1/v2, Port Security, Broadcast/Multicast/Unknown-unicast Storm Control |
| Management | Web-based GUI and CLI management SNMP v1/v2c/v3, compatible with public MIBs DHCP/BOOTP Client, DHCP Snooping, CPU Monitoring, Port Mirroring Time Setting: SNTP Integrated NDP/NTDP feature Firmware Upgrade: TFTP & Web |

OTHERS

| ITEMS | SPECIFICATIONS |
|------------------|--|
| Certification | CE, FCC, RoHS |
| Package Contents | Gigabit Switch Electric Line Guide Book/Warranty Card |
| Environment | Working Temperature : 0°C ~ 40°C Storage temperature : -40°C ~ 70°C Working Humidity : 10% ~ 90% RH non-condensing Storage Humidity : 5% ~ 90% RH non-condensing |



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