



16Giga + 2SFPL2 16 Port Gigabit Managed POE SWITCH

SPECIFICATION	S-16GE-M-2UG-LD-AI-VLAN
Network standard	IEEE 802.3i IEEE 802.3u IEEE 802.3x, IEEE 802.3ab IEEE 802.3af IEEE 802.3at
Port	16 10/100/1000Mbps RJ45 port , 2 gigabit SFP , 1 Console
PoE	16 10/100/1000Mbps RJ45 port support PoE+ , Max 150W , Single port max 46W
LEDs	18 Link/Act LEDs , 16 POE LEDs , 1 SYS LED , 1 Power LED
Performance	Forwarding mode:store and forward , Bandwidth: 36Gbps Packet forwarding rate: 23.8Mpps , 8K MAC address table
Lightning protection	6KV
Input	100-240V/50-60Hz
Standard Protocol	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:Standard method for performing link aggregation , IEEE 802.3x:flow control, IEEE 802.1p:LAN Layer 2 Qos/Cos protocol for traffic priority (multicast filtering), IEEE 802.1q:VLAN, 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 AI VLAN, One key AI Extend(1-8 port 250meters PoE distance) One key AI PoE, One key QoS (Video priority)
DHCP	Support DHCP Snooping
VLAN	Support 4K VLAN, Support 802.1Q VLAN,MAC VLAN,IP 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, Support IP-MAC-PORT ternary binding, Support ARP protection, IP source protection, DoS protection, Support DHCP Snooping, DHCP attack protection, Support 802.1X certificated,AAA, Support port security, port isolation Support CPU protection
POE management	Support POE power limit, Support POE chip status view Support setting PoE port priority, Support setting PoE power supply time period
Access control (ACL)	Support L2 (Layer 2)~L4 (Layer 4) packet filtering Support port mirroring, port redirection, flow rate limiting, QoS re-marking
Quality of Service (QoS)	Support 8 port queue, Support port priority, 802.1p priority, DSCP priority Support SP, RR, WFQ Priority scheduling algorithm
Spanning Tree	Support STP(IEEE 802.1d), RSTP(IEEE 802.1w) and MSTP(IEEE 802.1s) protocol, Support loop protection, root bridge protection, TC protection, BPDU protection, BPDU filtering
Multicast	Support IGMP v1/v2 Snooping, Support fast leave mechanism, Support multicast VLAN Supports multicast filtering, packet statistics, and unknown multicast discards.
Storm suppression	Support multicast suppression, Support broadcast suppression, Support unknown unicast suppression, Support static aggregation
Link aggregation	Support static aggregation, Support dynamic aggregation, Support IP, MAC, and hybrid load balancing modes, Supports up to 32 aggregation groups
IPV6	Support IPv6 Ping, IPv6 Tracert, IPv6 Telnet, Support IPv6 SSH,IPv6 SSL
Management and maintenance	Support WEB network management (HTTP, HTTPS, SSL V3), Support CLI (Telnet, SSH V1/V2, local serial port), Support SNMP V1/V2/V3, Support LLDP, RMON, Support ARP protection, IP source protection, DoS protection, Support CPU monitoring, memory monitoring Support system log, grading warning, Support Ping, Tracert detection, cable detection

