



AMG-Network Switch

16 Port Switch, 2 SFP Port



- 16 Port POE Switch
- 2 SPF Modules Support
- Storage temperature: -40°C~75°C,
- Compact Design for easy to use
- Up to 256 VLAN groups
- 2 SPF Modules Support
- FCC Part15 Class A,CE,RoHs
- Option to have Singe fiber/Dual fiber supported.
- ESD Protection @ 6KV ESD



| Hardware Specifications | | |
|--|--|--------|
| Connector | 16*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2*1000 Base-X SFP Slots 1 Console port | |
| PoE Port | 16*10/100/1000Mbps POE PSE port | |
| SFP | Single fiber/Dual fiber supported. Distance vary the module | |
| Thermal Fan | Fanless Design | |
| LED indicators | Power Indicator: PWR (green). Network Indicator: Link(green) PoE Working Indicator: PoE (yellow) | |
| Switch Architecture | Store and Forward | |
| Transmission model | IEEE802.3X full-duplex and Backpressure half-duplex | |
| | Backplane bandwidth | |
| Switch Performance | Backplane bandwidth | 56Gbps |
| | Packet forwarding rate | 27Mpps |
| | MAC address | 8k |
| Power requirement | AC100-240V 50/60Hz | |
| ESD Protection | 6KV ESD | |
| Dimension(W×D×H) | 440mm x 190mm x 44.5 mm(17.32in x 7.48in x 1.75in) | |
| Weight | 3kg | |
| Power over Ethernet (PoE) Specifications | | |
| Network standard | IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE | |
| PoE Standard | IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE | |
| PoE Supply Type | 1/2(+), 3/6(-) End-span | |
| PoE Power Output | Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at) | |
| PoE Power budget | 200W | |
| Layer 2 Functions | | |
| Port Mirroring | TX / RX / both Many-to-1 monitor | |
| Vlan | 802.1Q tagged-based VLAN Up to 256 VLAN groups, out of 4094 VLAN IDs 802.1ad Q-in-Q tunneling | |

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|------------------------|--|
| | Voice VLAN;Protocol VLAN;Private VLAN (Protected port),GVRP |
| Link Aggregation | IEEE 802.3ad LACP and static trunk Supports 8 groups of 8-port trunk |
| Spanning Tree Protocol | STP, IEEE 802.1D Spanning Tree Protocol RSTP, IEEE 802.1w Rapid Spanning Tree Protocol MSTP, IEEE 802.1s Multiple Spanning Tree Protocol |
| IGMP Snooping | IGMP (v2/v3) snooping IGMP querier Up to 256 multicast groups |
| MLD Snooping | MLD (v1/v2) snooping, up to 256 multicast groups |
| Access Control List | IPv4/IPv6 IP-based ACL / MAC-based ACL |
| PoE Management | Open or close port Standard POE scheduling management Power and current display Automatic restarting function of equipment dead machine Timing Support IP bindings restarting |
| QoS | 8 mapping ID to 8 level priority queues --- Port number --- 802.1p priority --- 802.1Q VLAN tag --- DSCP field in IP packet Traffic classification based, strict priority and WRR |
| Security | IEEE 802.1X port-based authentication Built-in RADIUS client to co-operate with RADIUS server RADIUS / TACACS+ user access authentication IP-MAC port binding MAC filtering Static MAC address DHCP Snooping and DHCP Option82 STP BPDU guard, BPDU filtering and BPDU forwarding DoS attack prevention ARP inspection IP source guard |

Management Function

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|------------------------------|---|
| Basic Management Interfaces | Web browser / Telnet / SNMP v1, v2c, V3 Firmware upgrade by HTTP / TFTP protocol through Ethernet network Remote / Local Syslog, System log, LLDP protocol ,SNTP |
| Secure Management Interfaces | SSH, SSL, SNMP |
| SNMP MIBs | RFC 1213 MIB-II RFC 1215 Generic Traps RFC 1493 Bridge MIB RFC 2674 Bridge MIB Extensions RFC 2737 Entity MIB (Version 2) RFC 2819 RMON (1, 2, 3, 9) RFC 2863 Interface Group MIB RFC 3635 Ethernet-like MIB |
| Environment | |
| Safety | FCC Part15 Class A, CE, RoHS |
| Environment specification | Operating temperature: -20°C~55°C Storage temperature: -40°C~75°C, storage humidity: 5%~95% |
| Model No | AMG-UK-POE-1602SFP |