



AMG-Network Switch

8 Port Switch, 2 SFP Port



- 8 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 Single fiber/Dual fiber supported.
- ESD Protection @ 6KV ESD



Hardware Specifications

Connector	8*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2*1000 Base-X SFP Slots 1 Console port	
PoE Port	8*10/100/1000Mbps POE PSE port	
SFP	Single fiber/Dual fiber supported. Distance varies by module	
Thermal Fan	Single Fan 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	20 Gbps
	Packet forwarding rate	16.82 Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(W×D×H)	310mm x 180mm x 44.5 mm(12.2in x 7.09in x 1.75in)	
Weight	1.4kg	

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	120W

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

	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	
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,NDAA,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-802SFP

