



AMG-Network Switch

24 Port L3 Switch, 4 SFP Port



- 24 Port L3 Switch
- 4 SFP Modules Support
- Storage temperature: -40°C~75°C,
- Compact Design for easy to use
- Backplane bandwidth 360Gbps
- FCC Part15 Class A,CE,RoHs,UL,NDAA Complied
- ESD Protection @ 6KV ESD



Hardwre Specifications		
Connector	24* 10/100/1000BASE-T RJ45	
	4* 1/10G Base-X SFP+ Slots	
Uplink port	4* 1/10G Base-X SFP+ Slots	
LED Display	Power Indicator: PWR(green).	
	Network Indicator: Link(yellow)	
	SFP: Green	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T	
	IEEE802.3u 100 BASE-TX	
	IEEE802.3ab/z 1000 BASE-TX	
	IEEE802.3bz 10G BASE-TX	
	IEEE802.3x Flow Control	
	IEEE802.3az EEE	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	360Gbps
	Packet forwarding rate	126.67Mpps
	MAC address	32k
Power requirement	AC100-240V 50/60Hz	
Ethernet Surge Protection	6KV ESD InBuilt Surge Protector	
Dimension(W x D x H)	440 x 290 x 44.5mm (17.32in x 11.42in x 1.75in)	
Weight	3kg	
Safety Certificate	FCC Part15 Class A,CE,RoHs,UL,NDAA Complied	
Layer 3 Features	IPV4/IPV6 VRRP, the maximum group is 255	

	IPV4/IPV6 static route/default route supports up to 128 entries
	IPV4 dynamic routing, RIPv1/v2, OSPFv2, 4000 routing entries
	IPV6 dynamic routing OSPFv3, RIPv6, IPV6 management, 1000 routing entries
	L3 network management function, IPV4/IPV6 dual-stack management
	Layer 3 routing and forwarding, support communication between different network segments and different VLANs
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

	<p>--- Port number</p> <p>--- 802.1p priority</p> <p>--- 802.1Q VLAN tag</p> <p>--- DSCP field in IP packet</p> <p>Traffic classification based, strict priority and WRR</p>
Security	<p>IEEE 802.1X port-based authentication</p> <p>Built-in RADIUS client to co-operate with RADIUS server</p> <p>RADIUS / TACACS+ user access authentication</p> <p>IP-MAC port binding</p> <p>MAC filtering</p> <p>Static MAC address</p> <p>DHCP Snooping and DHCP Option82</p> <p>STP BPDU guard, BPDU filtering and BPDU forwarding</p> <p>DoS attack prevention</p> <p>ARP inspection</p> <p>IP source guard</p>
Basic Management Interfaces	<p>Web browser / Telnet / SNMP v1, v2c, V3</p> <p>Firmware upgrade by HTTP / TFTP protocol through Ethernet network</p> <p>Remote / Local Syslog, System log, LLDP protocol, SNMP</p>
Secure Management Interfaces	<p>SSH, SSL, SNMP</p>
SNMP MIBs	<p>RFC 1213 MIB-II</p> <p>RFC 1215 Generic Traps</p> <p>RFC 1493 Bridge MIB</p> <p>RFC 2674 Bridge MIB Extensions</p> <p>RFC 2737 Entity MIB (Version 2)</p> <p>RFC 2819 RMON (1, 2, 3, 9)</p> <p>RFC 2863 Interface Group MIB</p> <p>RFC 3635 Ethernet-like MIB</p>
Environment	
Safety	<p>FCC Part15 Class A, CE, RoHS, UL/EN, NDAA Complied</p>

Environment specification	Operating temperature: -20°C~55°C, operating humidity: 5%~95%
	Storage temperature: -40°C~75°C, storage humidity: 5%~95%
Model No.	AMG-UK-POE-2604SFP+