



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	Dual Fan 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

	--- 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
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, SNMP
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, UL/EN, NDAA Complied

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-2604SFP+