

DIESPI-AFGM-2444S



Interface	24*10/100/1000M POE ports + 4 Gigabit SFP/TP Combo ports, 1*Console port
Optical	Number of interface : 4 Connector: LC by default, SC optional Wave length: Depend on SFP ports
Electrical ports	Number of interface : 28 Connector: POE Rate: 10/100/1000M
Performance specification	Backplane bandwidth: 56Gbps (non-blocking) Packet forwarding rate: 40.32Mpps Packet Buffer Memory: 4.1M MAC address table: 8K
MTBF	100,000 hours
CPU	500MHZ
Switching	Store & Forward
Power Supply	AC 90~250V 50~60Hz Internal Power 400W
Transmission mode	Half/Full Duplex
Working temperature	-20°C~55°C
Storage temperature	-40°C~85°C
Network Protocols and Standards	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI; IEEE 802.3af
VLAN	Supports port-based VLAN Supports up to 4096 VLANs Supports 802.1Q standard VLAN
Spanning tree	Support STP spanning tree protocol Supports RSTP Rapid Spanning Tree Protocol Supports MSTP Rapid Spanning Tree Protocol
Link Aggregation	Supports 8 groups of aggregation, each group supports up to 8 ports
Port mirroring	Supports both side-way port mirroring
Loop protection	Support loop protection, real-time detection, rapid alarm, precise positioning, intelligent blocking, automatic recovery
Port isolation	Support the downlink port isolation, and can communicate with the uplink port
Port flow control	Half-duplex based on back pressure control Full duplex based on PAUSE frame
Port speed limit	Supports port-based input / output bandwidth management
Multicast control	IGMPv1 / 2/3 and MLDv1 / 2 snooping Support GMRP registration Multicast address management, multicast VLAN, multicast routing port, and static multicast address
Storm suppression	Supports unknown unicast, multicast, unknown multicast, broadcast type storm suppression Storm suppression based on bandwidth regulation and storm filtering
QOS	802.1p port queue priority algorithm Cos / Tos, QOS mark WRR (Weighted Round Robin), Weighted Priority Rotation Algorithm Support WRR, SP, WFQ three priority scheduling mode
Network management	Support WEB interface management CLI management based on Telnet and Console SNMP V1 / V2 / V3 management
Security	User port+IP address+MAC ACL based on IP and MAC Security properties of port based MAC address quantities