



AW-GEL-285A-380

28 Ports Lite Managed PoE Switch



Technical Specifications

Product Information

Segment	Lite Managed PoE Switch
Product Description	4xGbE bt 90W PoE + 20xGbE PoE + 2xGbE RJ45 + 2xGbE SFP Lite Managed Switch

Port Configuration

PoE Port Ethernet	24xGbE PoE
Uplink Port Ethernet	2xGbE RJ45 + 2xGbE SFP
Total Ports	28

PoE Function

PoE Port	24
Max. PoE Output Power	Port 1-4 bt 90W Port 5-24 at 30W
PoE Power Budget	380W
PoE Standard	802.3 af/at/bt
PoE Pin Assignment	Port 1-4 bt: 4 pairs 1/2 (+), 3/6 (-) and 4/5 (+), 7/8 (-) Port 5-24 af/at: 2 pairs 1/2 (+), 3/6 (-)
Surge Protection	4KV

HW Performance

Switching Bandwidth	56 Gbps
Buffer Memory	4.1Mb
Forwarding Rate	41.66 Mpps
MAC Address	8K
Jumbo Frames	9216 Bytes
Max. Power Consumption	390W

L2 Managed Features		
Spanning Tree		
IEEE802.1D (STP)	✓	
IEEE802.1w (RSTP)	✓	
Trunking		
IEEE802.1d (LACP)	✓	
Static Aggregation	✓	
VLAN		
802.1Q Tag-based VLAN	4096 VLAN IDs	
Port-based VLAN	✓	
QoS Features		
Hardware Queues	8	
Classification		
Port Based	✓	
802.1p	✓	
Rate Limiting		
Ingress	✓	
Egress	✓	
Per Port	✓	
Priority Queue Scheduling		
WRR	✓	
DSCP & Class of Service	✓	
Management		
Port Mirroring	✓	
Firmware Upgrade	✓	
PoE Management		
PoE On/Off Control	✓	
PoE Alive Checking for PD	✓	
Non-Stop PoE	✓	
Extended PoE Mode (up to 250m/10mbps)	✓	

Environmental Specifications

Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	10 ~ 90% RH

Mechanical Specifications

Dimensions	442 (W) x 212 (D) 44 (H) mm
Weight	2.74 kg

Power Source

Power Input	100V ~ 240V
Frequency	50 ~ 60 Hz

Certifications

Types	CE, FCC, UKCA, LVD, VCCI, BSMI
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Included Accessories

Content	Power Cord, QIG, Rack Mount Kit
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