

Model	ALP-24100G-370-L2	ALP-48100G-370-L2
Brand	Alstron	
		
PoE		
PoE Standard	IEEE802.3af, IEEE802.3at, IEEE802.3at+ (Mode A)	
PoE Distance	100 m	
PoE Budget	370 Watts	
Interface		
Ethernet Ports	24 Gigabit Mbps RJ45 Ports 4 x 10G/G SFP/SFP+ Uplink Port, 1 x Console Port AUTO Negotiation / AUTO MDI/MDIX Full-duplex	48 Gigabit Mbps RJ45 Ports 4 x 10G/G SFP/SFP+ Uplink Port, 1 x Console Port AUTO Negotiation / AUTO MDI/MDIX Full-duplex
LED Indicators	System: Power Port: Link, Activity	
System		
Switching Capacity	128 G (16 K MAC Address)	176 G (32 K MAC Address)
Forwarding Rate	96 MPPS	132 MPPS
Jumbo Frame	9 KB	
Features	Static Configuration & Dynamic MAC Learning 4 K VLAN, GVRP, Double Tag VLAN (Q in Q) IEEE802.1d Spanning Tree and IEEE802.1w Rapid Spanning Tree; IEEE802.1s Multiple Spanning Tree IGMP snooping v1, v2, v3, IGMP snooping Static routing, QoS, WRR, Flow monitoring & shaping Congestion avoidance mechanisms like Tail-Drop & WRED EAPS Ring, TFTP firmware update/backup/restore Management : Console / Telnet / SSH / Web	

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Security	Login Security : IEEE802.1X Authentication / RADIUS / BDTacacs+/SSL BPDU Protection, Root Protection, Loopback Protection Prevents DDoS/TCP-related SYN Flood / UDP Flood attack L2-L4 ACL Flow identification & Filtering, Sticky MAC, Dynamic ARP Inspection & IP source guard Broadcast / Multicast / Unknown Unicast Storm Control Port isolation, Port security, and "IP+MAC+Port" binding Multi Level User Login	
Power		
Power Input	AC 100 ~ 240V, 50/60Hz (AC Fuse Protection Included)	
Power Consumption	≤ 400 Watts	≤ 400 Watts
MTBF	> 100,000 (@ 25 °C)	
Mechanical		
Dimension (L x W x H)	440 x 280 x 44 mm (Metal Case)	
Weight	5 kg	5.5 kg
Environmental		
Storage Temperature	-10 ~ 50 °C	
Operating Temperature	-10 ~ 40 °C (Built-in Fan)	
Operating Humidity	20 ~ 85% (non-condensing)	