

Model	ALP-24100G-SW-L2	ALP-48100G-SW-L2
Brand	Alstron	
		
Interface		
Ethernet Ports	24 x 10/100/1000 Mbps RJ45 Ports 4 x 10G/G SFP/SFP+ Uplink Port, 1 x Console Port AUTO Negotiation / AUTO MDI/MDIX Full-duplex	48 x 10/100/1000 Mbps RJ45 Ports 6 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		
CPU (MB)	32 (Flash Memory) , 256 (DRAM) , 1.5 (Buffer)	
Switching Capacity	128 G (16 K MAC Address)	216 G (16 K MAC Address)
Forwarding Rate	96 Million PPS	162 Million PPS
Jumbo Frame	9 KB	
Features	Static Configuration & Dynamic MAC Learning 4 K VLAN, GVRP, Double Tag VLAN (Q in Q) IGMP snooping v1, v2, v3, IGMP snooping Static routing, QoS, WRR, Flow monitoring & shaping Congestion avoidance mechanisms like Tail-Drop & WRED SNMP v1/v2/v3 TFTP firmware update/backup/restore Management : Console / Telnet / SSH / Web	
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	

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Related Products



SFP
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Managed SFP & SFP+ Switch
ALP-SFP-G-24-SW-L3
ALP-SFP-G-28-SW-L2

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Model	ALP-24100G-SW-L2	ALP-48100G-SW-L2
		
Reliability Features	LACP link aggregation, EAPS and ERPS, IEEE802.1d Spanning Tree and IEEE802.1w Rapid Spanning Tree; IEEE802.1s Multiple Spanning Tree, BVSS, VRRP	
Power		
Power Input	AC 100 ~ 240V, 50/60Hz (AC Fuse Protection Included)	
Power Consumption	≤ 35 Watts	≤ 40 Watts
MTBF	> 50,000 (@ 25 °C)	
Mechanical		
Dimension (L x W x H)	440 x 180 x 44 mm (Metal Case)	440 x 280 x 44 mm (Metal Case)
Nett Weight	Approx. 3 kg	Approx. 5.5 kg
Environmental		
Standards	Design comply to CE, EMC Class A	
Storage Temperature	-10 ~ 50 °C	
Operating Temperature	-10 ~ 40 °C (Built-in Fan)	
Operating Humidity	20 ~ 85% (non-condensing)	

Related Products



SFP
see page 37



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