

Model	ALP-24100G-SW-L3	ALP-48100G-SW-L3
Brand	Alstron	
		
Interface		
Ethernet Ports	24 x 10/100/1000 Mbps RJ45 Ports 6 x 10G 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 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) , 2 (Buffer)	
Switching Capacity	216 G (16 K MAC Address)	216 G (16 K MAC Address)
Forwarding Rate	126 Million PPS	162 Million PPS
Jumbo Frame	9 KB	
Features	4K VLAN Entries, GVRP RIP, Double Tag VLAN (QinQ & Selective QinQ) PIM-SM, PIM-DM, IGMP v1/v2/v3, IGMP Snooping, IGMP Fast Leave, MVR, IGMP filter DHCP server/relay/client, DHCP snooping ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet, IPv6 neighbor discovery, Path MTU discovery, Multicast Group Policy, 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	
L3 Managed Features	OSPF, BGP, PBR, ECMP, BFD for OSPF, BGP, LDP protocol, Multi-VRF, MLD, MLD snooping, IPv6 Static Routing, RIPng OSPFv3, BGP4+, URRF	

* Continue at next page

Related Products



SFP
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Rugged PoE Media converter
ALP-FCH-G-SFP-60



L2 Managed Gigabit Switch
ALP-24100G-SW-L2



150W PSU
ALP-PWR-150-AC

* Product specifications and model are right at the point of catalog publication. It is subjected to change without advance notice.

Model	ALP-24100G-SW-L3	ALP-48100G-SW-L3
		
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	
Reliability Features	Static LACP Link Aggregations, EAPS, ERPS, IEEE802.1d Spanning Tree and IEEE802.1w Rapid Spanning Tree; IEEE802.1s Multiple Spanning Tree	
Power		
Power Input	Slot 1: AC 100 ~ 240V, 50/60Hz (AC Fuse Protection Included)	
Power Consumption	≤ 75 Watts	≤ 75 Watts
MTBF	> 100,000 (@ 25 °C)	
Mechanical		
Dimension (L x W x H)	440 x 350 x 44 mm (Metal Case)	440 x 350 x 44 mm (Metal Case)
Nett Weight	Approx. 6.4 kg	Approx. 7.6 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
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Managed SFP & SFP+ Switch
ALP-SFP-G-24-SW-L3
ALP-SFP-G-28-SW-L2



L2 Managed Gigabit PoESwitch
ALP-24100G-SW-L2

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