

| Model              | ALP-16100G-250                                                                                                                                                                                                                                                                                                  | ALP-24100G-370                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand              | Alstron                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                  |
|                    |                                                                                                                                                                                                                                |                                                                                |
| PoE                |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                  |
| PoE Standard       | IEEE802.3af, IEEE802.3at, IEEE802.3at+ (Mode A)                                                                                                                                                                                                                                                                 |                                                                                                                                                                  |
| PoE Budget         | 250 Watts                                                                                                                                                                                                                                                                                                       | 370 Watts                                                                                                                                                        |
| Interface          |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                  |
| Ethernet Ports     | 16 Gigabit RJ45 PoE Ports,<br>2 x Gigabit RJ45 Uplink Ports,<br>2 x Gigabit SFP Uplink Port,<br>1 x Console Port<br>AUTO Negotiation / AUTO MDI/MDIX Full-duplex                                                                                                                                                | 24 Gigabit RJ45 PoE Ports,<br>2 x Gigabit RJ45 Uplink Ports,<br>2 x Gigabit SFP Uplink Port,<br>1 x Console Port<br>AUTO Negotiation / AUTO MDI/MDIX Full-duplex |
| LED Indicators     | System: Power Port: Link, Activity                                                                                                                                                                                                                                                                              |                                                                                                                                                                  |
| System             |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                  |
| Switching Capacity | 40 G (8 K MAC Address)                                                                                                                                                                                                                                                                                          | 56 G (8 K MAC Address)                                                                                                                                           |
| Forwarding Rate    | 26.784 Million PPS                                                                                                                                                                                                                                                                                              | 38.688 Million PPS                                                                                                                                               |
| Jumbo Frame        | 9 KB                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |
| Features           | PoE Port Management<br>4 K VLAN, Port-based VLAN, 802.1Q tag-based VLAN<br>IEEE802.1d Spanning Tree and IEEE802.1w Rapid Spanning Tree;<br>IEEE802.1s Multiple Spanning Tree<br>IGMP snooping v1, v2, IGMP snooping<br>QoS, Flow monitoring & shaping, SNMP v1/v2<br>Management : Console / Telnet / SSH / HTTP |                                                                                                                                                                  |
| Security           | Loopback Protection<br>Broadcast / Multicast / Unknown Unicast Storm Control                                                                                                                                                                                                                                    |                                                                                                                                                                  |

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Related Products



SFP  
see page 37



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

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

| Model                 | ALP-16100G-250                                                                    | ALP-24100G-370                                                                     |
|-----------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                       |  |  |
| Power                 |                                                                                   |                                                                                    |
| Power Input           | AC 100 ~ 240V, 50/60Hz<br>(AC Fuse Protection Included)                           |                                                                                    |
| Power Consumption     | ≤ 270 Watts                                                                       | ≤ 400 Watts                                                                        |
| MTBF                  | > 50,000 (@ 25 °C)                                                                |                                                                                    |
| Mechanical            |                                                                                   |                                                                                    |
| Dimension (L x W x H) | 440 x 200 x 44 mm (Metal Case)                                                    |                                                                                    |
| Nett Weight           | Approx. 3.4 kg                                                                    | Approx. 3.6 kg                                                                     |
| Environmental         |                                                                                   |                                                                                    |
| Standards             | Design comply to CE, EMC Class A                                                  |                                                                                    |
| Storage Temperature   | -10 ~ 60 °C                                                                       |                                                                                    |
| Operating Temperature | 0 ~ 40 °C (Built-in Fan)                                                          |                                                                                    |
| Operating Humidity    | 10 ~ 85% (non-condensing)                                                         |                                                                                    |

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SFP  
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