

# ANS-L24G4F

## Especificações Técnicas

|                        |   |
|------------------------|---|
| RJ45 Ports             | 24 10/100/1000 Base-TX PoE auto-negotiation MDI/MDI-X.  |
| Fiber Ports            | 04 1000 Base-FX (SC, ST optional) SFP.  |
| Backplane bandwidth    | 56Gbps  |
| Packet forwarding rate | 41.664Mpps  |
| Flash memory capacity  | 16MB  |
| The memory capacity    | 256MB   |
| Queue buffer           | 1.5MB   |
| System Configuration   | <ul style="list-style-type: none"> <li>System information : View software version, CPU utilization, memory utilization</li> <li>Network Settings: Configure the management address of the device User</li> <li>Configuration: Configure user name, password</li> <li>Log configuration : View and download logs</li> <li>TELNET configuration : TELNET service enabled, disabled</li> <li>HTTPS configuration : HTTP / HTTPS feature enabled, disabled</li> <li>Diagnostic test : PING, TRACEROUTE function</li> </ul>  |
| Port Configuration     | <ul style="list-style-type: none"> <li>Physical port configuration: Port rate, flow control mode, the maximum frame length</li> <li>Storm suppression :Configuration broadcast, unknown multicast, unknown unicast pass rate</li> <li>Port speed limit : Configuration entry, exit rate, burst rate</li> <li>Port mirroring: Supports up to four mirrors</li> <li>Link Aggregation: Supports up to 16 static LACPs and supports dynamic</li> <li>LACP Port isolation : Supports up to eight groups of Uplink, Downlink isolation Port statistics</li> </ul>   |
| Layer 2 Configuration  | <ul style="list-style-type: none"> <li>VLAN configuration : Port working mode, PVID, tag / untag list configuration, VLAN creation Mac-vlan</li> <li>Protocol-vlan : Supports VLANs based on ETHERII, SNAP, LLC frame types Voice-vlan</li> <li>MAC configuration: Static MAC configuration, dynamic MAC query</li> <li>MSTP configuration: Supports STP, RSTP, and MSTP (802.1s) protocols</li> <li>IGMP snooping : Supports static multicast configuration</li> <li>DHCP-snooping : Support static binding, arp dynamic detection, ip source address check</li> <li>ERPS-Ring configuration</li> <li>GMRP configuration</li> <li>The mld-snooping configuration : Supports the ipv6 multicast configuration</li> <li>The Gvrp configuration : Supports dynamic vlan creation</li> </ul> |
| Layer3 Configuration   | <ul style="list-style-type: none"> <li>The interface configures : he IPv4 address configuration of the Layer 3 interface</li> <li>ARP configuration : Static ARP add, ARP aging time settings, view system ARP information VRRP configuration ND configuration : Static ND configuration</li> </ul>   |



## CARACTERÍSTICAS GERAIS

- 24 10/100/1000 Base-Tx
- 04 1000 Base-FX (SC, ST) SFP Slot.
- Over Voltage Protection
- All Ports Anti-Lighting (8KV)
- Support Broadcast Storm Shield
- Bandwidth 56Gbps
- Flash memory 16MB
- Queue buffer 1.5MB
- MSTP, IGMP, ERPS, ARP, VRRP, RIP, OSPF, BGP, SNMP entre outros.

## Especificações Técnicas - Continuação

|                                    |  |
|------------------------------------|--|
| Configuration                      | <ul style="list-style-type: none"> <li>• Static configuration: Adds a static route</li> <li>• RIP configuration</li> <li>• OSPF configuration</li> <li>• BGP configuration</li> </ul>  |
| Cyber security                     | <ul style="list-style-type: none"> <li>• Access Control: Set the access rules for this device</li> <li>• Anti-attack Set : PING message discarded, DOS attack, CPU receives the message rate setting</li> <li>• ACL configuration: Based on MAC and IP ACL configuration, you can configure the ACL to take effect 802.1x authentication configuration</li> </ul>  |
| Advanced configuration             | <ul style="list-style-type: none"> <li>• QOS configuration :Support SP, WRR, DRR scheduling configuration; 8 send queues per port mapping 802.1p 8 priority; Support DSCP queue mapping;</li> <li>• The LLDP configuration</li> <li>• SNMP configuration :Supports SNMP v1, v2c, v3</li> <li>• RMON configuration</li> <li>• DHCP Server configuration DHCP relay configuration</li> <li>• DNS settings</li> <li>• NTP settings</li> <li>• NAT settings</li> </ul>   |
| System maintenance                 | <ul style="list-style-type: none"> <li>• Configuration file management</li> <li>• Save configuration : Configuration file view, upload, download</li> <li>• Reboot the device reset Online upgrade</li> </ul>  |
| Authentication                     | <ul style="list-style-type: none"> <li>• ROHS authentication</li> </ul> <p>European Community (CE) Electromagnetic Compatibility Directive : This equipment has been tested and found to comply with the protection requirements of European Emission Standard EN55022/EN60555-2 and the Generic European Immunity Standard EN50082-1.</p> <ul style="list-style-type: none"> <li>• EMC: EN55022(1988)/CISPR-22(1985), class A</li> <li>• EN60555-2(1995),class A</li> <li>• EN60555-3</li> <li>• IEC1000-4-2(1995),4K V CD, 8KV, AD</li> <li>• IEC1000-4-3(1995),3V/m</li> <li>• IEC1000-4-4(1995),1KV – (power line), 0.5KV – (signal line)</li> </ul> |
| Size                               | 440x230x44mm   |
| Power characteristic               | AC 110-240V adaptive, 47-63Hz, 1A/230V, RPS power hot backup   |
| Power Consumption                  | 80W  |
| Indicator LEDS                     | Power indicator, indication of system, connecting / transceiver instructions   |
| Environment humidity / temperature | <ul style="list-style-type: none"> <li>• 0-50 °C operation</li> <li>• -40-70 °C preservation</li> <li>• 0-90% no condensation</li> </ul>   |

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