

Switch D7109

The managed 8-port gigabit PoE switch with 2 SFP lots provides 8 10/100/1000M network ports and 2 gigabit SFP slots, of which ports 1~8 are PSE power supply ports, supporting IEEE802.3af and IEEE802.3at power supply standards and PoE, with a maximum single-ended output power of up to 30W and a total power of 120W

Port Sayı	8 Port
Port sürəti	100mbp/s
PoE	PoE
PoE gücü	120 W
Tip	Managed



Ətraflı

Model	D7109
Downstream Facing Port	8 10/100/1000M Base-TX Ethernet ports
Upstream Facing Port	2 1.25G SFP slots
Management Port	1 Console port
PoE Port	8 PoE+-powered ports (ports 1-8), with a transmission distance of 100m.
PoE Standard	Support IEEE802.3at power supply standard; compatible with IEEE802.3af power supply standard.
Switching Capacity	66Gbps
Forwarding Rate	27Mpps

MAC Address Table	<p>Support 8K MAC address table, dynamic and static address table.</p> <p>Support MAC address table automatic learning and aging, two-way learning.</p>
Protocol Standards	<p>IEEE 802.3i 10Base-TX;</p> <p>IEEE 802.3u 100Base-TX;</p> <p>IEEE 802.3ab/z 1000Base-TX;</p> <p>IEEE 802.3x Flow Control;</p> <p>IEEE 802.3af DTE Power via MDI;</p> <p>IEEE 802.3at DTE Power via MDI;</p> <p>ANSI/IEEE802.3N-Wa;</p> <p>IEC61000-4-2(ESD)15KV(air), 8KV(contanc).</p>
VLAN	<p>Support up to 4096 VLANs;</p> <p>Support port-based VLAN;</p> <p>Support 802.1Q standard-compliant VLAN;</p> <p>Support MAC VLAN;</p> <p>Support Protocol VLAN.</p>
Spanning Tree	<p>Support STP spanning tree protocol;</p> <p>Support RSTP rapid spanning tree protocol;</p> <p>Support MSTP multiple spanning tree protocol.</p>
Port Aggregation	<p>Support static aggregation and dynamic aggregation.</p>
Port Mirroring	<p>Support many-to-one port mirroring, with no limit on the number of mirroring source ports.</p>
Loop Protection	<p>Support loop detection/loop avoidance</p>
Port Flow Control	<p>Support half-duplex backpressure-based control;</p> <p>Support full duplex PAUSE frame-based control.</p>
Port Speed Limit	<p>Support port-based input/output bandwidth management.</p>
Multicast Control	<p>Support IGMP Snooping;</p> <p>Support MVR (Multicast VLAN Registration) function;</p> <p>Support MLD Snooping (Multicast Listener Discovery Snooping).</p>
DHCP	<p>Support DHCP Client; support DHCP Server; support DHCP Snooping; support DHCP Relay.</p>

Storm Suppression	Supports suppression of broadcast, multicast, unicast, etc.
PoE Control	PoE on and off; PoE energy-saving mode; PoE output control<6,11,20,32,35w>; PoE power consumption allocation; PoE timing.
QOS	SP (Strict Priority), strict priority round robin algorithm; WFQ (Weighted Fair Queuing), weighted fair queuing; WRR (Weighted Round Robin), weighted priority round robin algorithm; Random Early Detect (RED), random early detection algorithm; WeightedRandomEarlyDetection (WRED), weighted random early detection algorithm; Head Of Line, blocking prevention mechanism; Best-Effort Service, best-effort service; First come first served, first come first served algorithm; 802.1p port queue priority algorithm; Cos/Tos, QOS mark; Differentiated Service, differentiated service.
Security Feature	The hardware supports IP ACL, MAC ACL, Vlan ACL, and ACL functions based on layer 3 and layer 4. The hardware supports port-based IP+MAC binding; Support IP Source Guard function; Support ARP Detection function; Support IEEE 802.1x port authentication; Support Radius function; Support TACACS+ authentication function; Support hierarchical user management and password protection.
Lightening Protection	Meet IEC61000-4-2(ESD)±15KV(air), ±8KV(contanc); can withstand 8/20us 24A (12A) energy.
System Maintenance	Support configuration file upload/download; support upgrade package upload; support WEB reset. Support system log function; support Ping.
Network Management	Support WEB interface management (support http and https protocols); support CLI interface management; support Telnet remote management. Support SSH 2.0; support SNMP network management; support RMON; support LLDP.
PoE Total Power	120W

Environmental Requirements	Long-term operating temperature: -10~55°C. Long-term relative operating humidity: 10%~90% (no condensation).
AC Power	Rated voltage range: 100~240V AC; 50/60Hz. Maximum voltage range: 90~264V AC; 50/60Hz.
Overall Dimensions	270*180*44.5mm (W*D*H)
Package Dimensions	330*257*75mm
Net Weight	1.28Kg
Gross Weight	1.73Kg