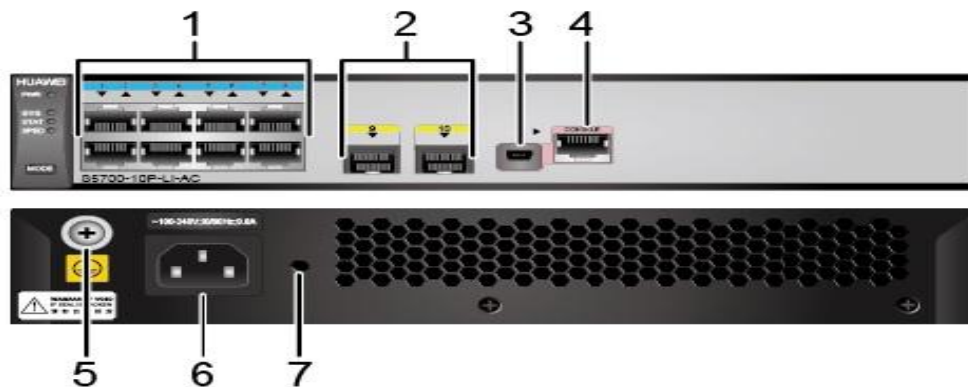


## Gigabit Enterprise Switches

### Model : Huawei S5700-10P-PWR-LI-AC

The S5700-10P-PWR-LI-AC is a next-generation energy-saving gigabit Ethernet switch that provides flexible GE access ports and 10GE uplink ports. Building on next-generation, high-performance hardware and the Versatile Routing Platform (VRP), the S5700-10P-PWR-LI-AC supports Advanced Hibernation Management (AHM), intelligent stack (iStack), flexible Ethernet networking, and diversified security control. It provides customers with a green, easy to- manage, easy-to-expand, and cost-effective gigabit to the desktop solution.



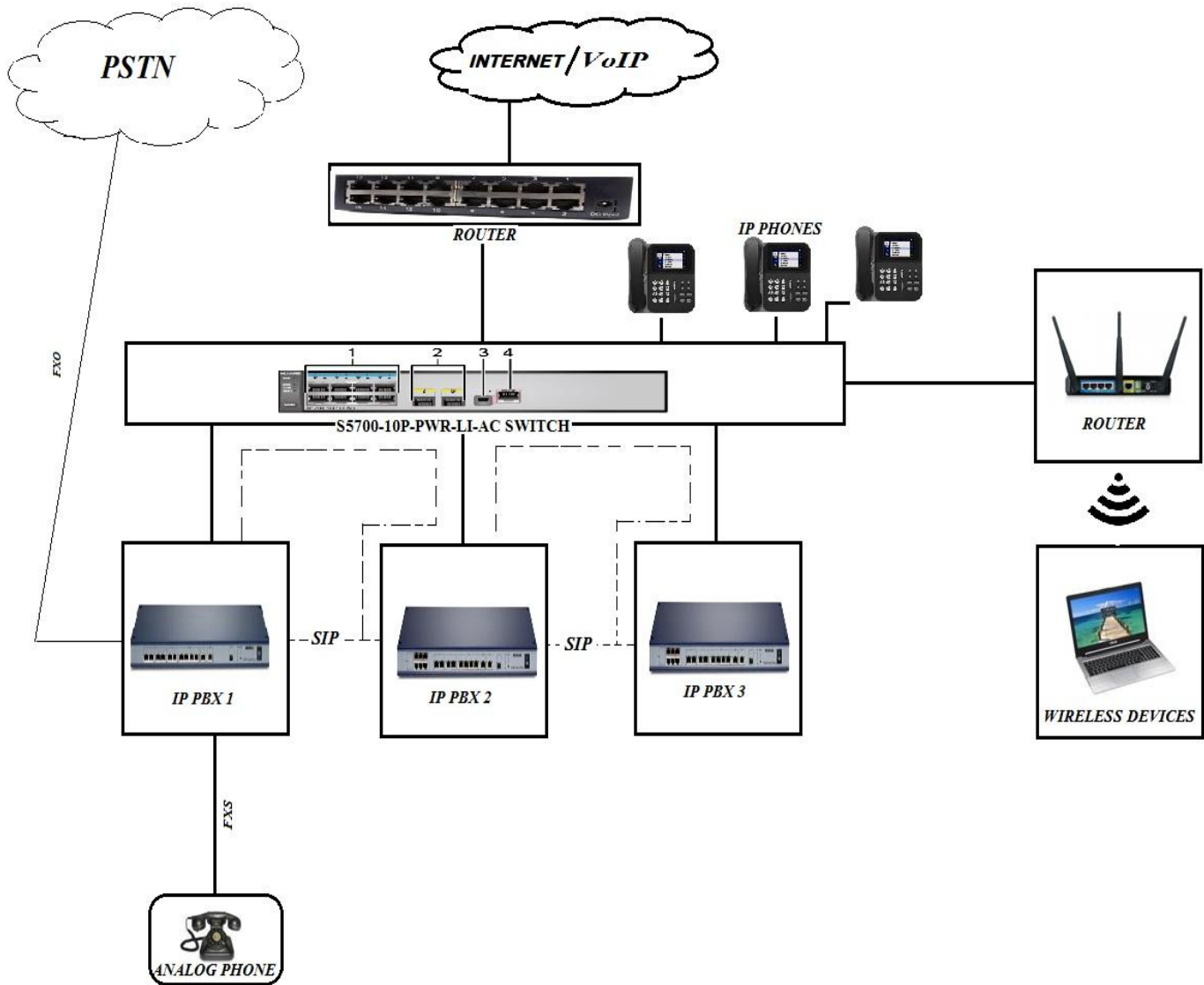
### Features

- 8x10/100/1000Base-T Ethernet ports, 2xGE SFP ports
- AC power supply
- PoE
- Forwarding performance: 15 Mpps
- Innovative Energy Saving Design
- Flexible Ethernet networking
- Diversified security control
- Excellent network traffic analysis

### Applications

The S5700-LI provides 1000M desktop access functions for a high performance network, such as voice VLAN, NAC and so on.

## Application Diagram



## Technical Specifications

Parameters	Specifications
<b>Ports</b>	8x10/100/1000Base-T Ethernet ports, 2xGE SFP ports
<b>MAC Address table</b>	<ul style="list-style-type: none"> <li>• MAC address learning and aging</li> <li>• Static, dynamic, and black hole MAC address entries</li> <li>• Packet filtering based on source MAC addresses</li> <li>• Interface-based MAC learning limiting</li> <li>• 16K MAC address entries</li> </ul>
<b>VLAN features</b>	<ul style="list-style-type: none"> <li>• 4 K VLAN</li> <li>• VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and interfaces</li> <li>• MUX VLAN</li> <li>• Guest VLAN and voice VLAN</li> <li>• GVRP</li> </ul>

<b>IP Routing</b>	Static routing
<b>IPv6</b>	<ul style="list-style-type: none"> <li>• Neighbor Discovery (ND)</li> <li>• Path MTU (PMTU)</li> <li>• IPv6 ping, IPv6 tracer, and IPv6 Telnet</li> <li>• ACLs based on the source IPv6 address, destination IPv6 address, Layer 4 ports, and protocol type</li> <li>• MLDv1/v2 snooping</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• Hierarchical user management and password protection</li> <li>• DOS attack defense, ARP attack defense, and ICMP attack defense</li> <li>• Binding of the IP address, MAC address, interface number, and VLAN ID</li> <li>• Port isolation, port security, and sticky MAC</li> <li>• Black hole MAC address entries</li> <li>• IEEE 802.1x authentication and limit on the number of users on an interface</li> <li>• Hypertext Transfer Protocol Secure (HTTPS)</li> <li>• Black list and white list</li> <li>• DHCP relay, DHCP server, DHCP snooping, and DHCP security</li> </ul>
<b>Interoperability</b>	<ul style="list-style-type: none"> <li>• Supports VBST (Compatible with PVST/PVST+/RPVST)</li> <li>• Supports LNP (Similar to DTP)</li> <li>• Supports VCMP (Similar to VTP)</li> </ul>
<b>Reliability</b>	<ul style="list-style-type: none"> <li>• RRPP Ring Topology and RRPP multi-instance</li> <li>• Smart link tree topology providing millisecond level protection switchover</li> <li>• BPDU protection, Loop protection and Root protection</li> </ul>
<b>Environmental</b>	
<b>Dimensions</b>	320 mm x 220 mm x 43.6 mm
<b>Unit weight</b>	15.85 lb (7.19 kg)
<b>Operating temperature</b>	Long-term operating temperature: 0°C to 50°C Relative humidity: 5% to 95% (non-condensing)
<b>Operating humidity</b>	5% to 95% relative humidity, (non-condensing)
<b>Power consumption</b>	PoE model < 142.4 W (PoE: 124W)