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| **Product Detail** | | | |
| Ports | 8GE POE+2SFP | Switch Capacity | 56Gbps |
| Switch Chip | RTL8380M | Forwarding Rate | 14.44Mpps |
| Packet Buffer | 4.1M | Flash Memory | 16M |
| DDRIII Capacity | 128M | Stackability | NO |
| MAC Address Table | 8K | Input Power | 52V 2.5A |
| Jumbo Frames | 9k | Max Power Consumption | 120w |
| VLAN | YES | Warranty | 1 |

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| **Title** | **L2 managed 8 ports 10/100/1000Mbps POE switch** |
| **Price** | **67.65USD** |
| **Feature** | **Rich management functions** |
| **Model** | **S10M8G8Ph2S-120E** |
| Fixed port | 8\*10/100/1000Base-TX PoE port  2\*1000M SFP |
| Console port | 1\*console port |
| Reset Key | 1 |
| Network Protocol | |  | | --- | | IEEE 802.3x | | IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3z | | IEEE 802.3ad | | IEEE 802.3q 、IEEE 802.3q/p  IEEE 802.1w、IEEE 802.1d 、IEEE 802.1S  IEEE 802.3z 1000BASE-X  IEEE802.3af/at | | STP(Spanning Tree Protocol) | | RSTP/MSTP( Rapid Spanning Tree Protocol) | | EPPS ring network protocol | | EAPS ring network protocol | |
| Port Specification | 10/100/1000BaseT（X） Auto |
| Transmission Mode | Store and Forward(full wirespeed) |
| Bandwidth | 56Gbps |
| Packet Forwarding | 14.44Mpps |
| MAC Address | 8K |
| Buffer | 4.1M |
| Transmission Distance | 10BASE-T ： Cat3,4,5 UTP(≤250 meter)  100BASE-TX ： Cat5 or later UTP(≤100 meter)  1000BASE-TX ： Cat6 or later UTP(≤1000 meter)  1000BASE-SX:62.5μm/50μm MMF(2m~550m)  1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m) |
| FLASH | 16M |
| RAM | 128M |
| Watt | ≤120W |
| LED Indicator | POWER:Power LED  Port:(Orange=PoELED+Green=Link LED)  9 10:(SFP LED) |
| Power | External power DC 52V 2.5A |
| Operating Temperature/Humidity | -20～+55°C；5%～90% RH Non coagulation |
| Storage Temperature/Humidity | -40～+75°C；5%～95% RH Non coagulation |
| Product size/Packing size（L\*W\*H） | 225mm\*105mm\*35mm  295mm\*170mm\*100mm |
| N.W/G.W（kg） | 0.6kg/1.4kg |
| Installation | Desktop |
| Lightning protection level | 3KV 8/20us；  IP30 |
| Certificate | CE mark, commercial；CE/LVD EN60950； FCC Part 15 Class B；RoHS； |
| Warranty | Whole device for 1 year(Accessories not included) |

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| **Software Parameter** | |
| Protocol Standard | IEEE 802.3x  IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3z  IEEE 802.3ad  IEEE 802.3q、IEEE 802.3q/p  IEEE 802.1w、IEEE 802.1d、IEEE 802.1S、IEEE 802.1X |
| MAC Address | Support 8K MAC address ;MAC address learning and aging |
| VLAN | Port-based VLANs  Up to 4096 VLAN  support Voice VLAN,can configure QoS for voice data  802.1Q VLAN |
| Spanning Tree | STP(Spanning tree protocol)  RSTP(Rapid spanning tree protocol)  MSTP(Rapid spanning tree protocol)  EPPS(Ring network protocol)  EAPS(Ring network protocol)  802.1x argumentation agreement |
| Link Aggregation | Max 8 aggregation groups TRUNK , each supports 8 ports |
| Port Mirror | Many-to-one port mirroring |
| Loop Guard | Loop protection function, real-time detection, rapid alarm, accurate positioning, intelligent blocking, automatic recovery |
| Port Isolation | Support downlink ports isolated from each other and communicate with uplink port |
| Port Flow Control | Half duplex based back pressure control  Full duplex based on PAUSE frame |
| Line Rate | Support downlink ports isolated from each other and communicate with upstream port |
| IGMP Snooping | IGMPv1/2/3 and MLDv1/2  GMRP Protocol Registration  Multicast address management, multicast VLAN, multicast routing ports, static multicast addresses |
| DHCP | DHCP Snooping |
| Storm Suppression | Unknown unicast, multicast, unknown multicast, storm suppression of broadcast type  Storm suppression based on bandwidth tuning and storm filtering |
| Security | User port+IP Address+MAC Address  ACL based on IP and MAC  Security properties of port based MAC address quantities |
| QOS | 802.1p port queue priority algorithm  Cos/Tos，QOS sign  WRR (Weighted Round Robin)，Weighted priority rotation algorithm  WRR、SP、WFQ，3 priority scheduling models |
| Cable Sequence | Auto-MDIX; auto identification of straight-through cables and crossover cables |
| Negotiation Mode | Port supports automatic negotiation ( self-negotiation transmission rate and duplex mode) |
| System Maintenance | Upgrade package upload  System log view  WEB restore factory configuration |
| PoE Function  （Only PoE model） | Port Switch  Schedule arrangement, time switch  Voltage, current and power Display  System total power display and configuration  PoEWatch dog, automatically restart and timed restart when device crashes; support IP binding restart  Port power configuration  Over-power Indicator  Port PoE type configuration(48V/24V power supply) |
| Network Management | WEB NMS  CLI management based on Telnet, TFTIP, Console  SNMP V1/V2/V3  RMON V1/V2  RMON Management |