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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 port2\*1000M SFP |
| Console port | 1\*console port |
| Reset Key | 1  |
| Network Protocol |

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| IEEE 802.3x |
| IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3z |
| IEEE 802.3ad |
| IEEE 802.3q 、IEEE 802.3q/pIEEE 802.1w、IEEE 802.1d 、IEEE 802.1SIEEE 802.3z 1000BASE-XIEEE802.3af/at |
| STP(Spanning Tree Protocol) |
| RSTP/MSTP( Rapid Spanning Tree Protocol) |
| EPPS ring network protocol |
| EAPS ring network protocol |

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| 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\*35mm295mm\*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 802.3xIEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3zIEEE 802.3adIEEE 802.3q、IEEE 802.3q/pIEEE 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 VLANsUp to 4096 VLANsupport Voice VLAN,can configure QoS for voice data802.1Q 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 controlFull 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 MLDv1/2GMRP Protocol RegistrationMulticast address management, multicast VLAN, multicast routing ports, static multicast addresses |
| DHCP | DHCP Snooping |
| Storm Suppression | Unknown unicast, multicast, unknown multicast, storm suppression of broadcast typeStorm suppression based on bandwidth tuning and storm filtering |
| Security | User port+IP Address+MAC AddressACL based on IP and MACSecurity properties of port based MAC address quantities |
| QOS | 802.1p port queue priority algorithmCos/Tos，QOS signWRR (Weighted Round Robin)，Weighted priority rotation algorithmWRR、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 uploadSystem log viewWEB restore factory configuration |
| PoE Function（Only PoE model） | Port SwitchSchedule arrangement, time switchVoltage, current and power DisplaySystem total power display and configurationPoEWatch dog, automatically restart and timed restart when device crashes; support IP binding restartPort power configurationOver-power IndicatorPort PoE type configuration(48V/24V power supply) |
| Network Management | WEB NMSCLI management based on Telnet, TFTIP, ConsoleSNMP V1/V2/V3RMON V1/V2RMON Management |