**SL-IE3214SP**



Key Features

* 10Port Gigabit PoE+ Port support
* Support PoE Power Management, PoE Watchdog
* 2-Port PoE Port 802.3bt support
* Industrial design protection grade 4, -40 to 85 ° C operating temperature

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| Product Name | 14 Ports Gigabit Industrial Managed PoE Switch |
| Product Model | SL-IE3214SP |
| Port Definition | 8 Gigabit PoE Ports + 2 Gigabit Uplink Port+ 4 Gigabit SFP Port (13-14 Port support 2.5G, Compatible with 1.25G/155M) |
| Network Protocols | IEEE802.3IEEE802.3uIEEE802.3zIEEE802.3abIEEE802.3xIEEE802.1dIEEE802.1w |
| Network Media | 10BASE-T: Cat5 UTP(≤100 M) 100BASE-TX: Cat5 or above UTP(≤100 M)1000BASE-TX: Cat5 or above UTP(≤100 M)  |
| POE Parameters | POE Standard: IEEE 802.3af / IEEE 802.3at/802.3BT |
| Single PoE Port Power Output: Max: 15.4 W (IEEE 802.3af)Max: 30 W (IEEE 802.3at) |
| POE port Auto detect IEEE 802.3af / at devices |
| POE Power Output: DC48-55V |
| POE Power Pin: 1/2- ; 3/6+  |
| Fiber Media | Multi-mode：850nm,1310nm Transmission Distance: 550m/2KmSingle-mode：1310nm,1550nm Transmission Distance: 20/40/60/80/100/120Km |
| LED Indicator | PWR | Lighting：PoweredUn-Light：No Power |
| SYS | Lighting：System is operating normallyUn-Light：System is not running |
| Yellow light | Lighting：PoE PoweredUn-Light：No PoE Powered |
| Green light | Lighting：Link normallyUn-Light：Link disconnect |
| G9-G14 | Lighting：Fiber Connection is NormalUn-Light：Disconnect |
| Power Supply | Input Voltage: DC48～55VType of input: 4 PIN terminal （block V1+V1- V2+ V2-） |
| Fiber Media | Multi-mode：850nm,1310nm Transmission Distance: 550m/2KmSingle-mode：1310nm,1550nm Transmission Distance: 20/40/60/80/100/120Km |
| Physical structure | Protect grade： IP40 Installation：DIN RailProduc Dimensions(L×W×H): 188mm\*130mm\*64mmPackage Dimensions(L×W×H): 250mm×210mm×88mmStandard packing(L×W×H): 608mm×500 mm×435mm |
| Working Environment | Operating temperature: -40～85℃Storage temperature: -40～85℃Humidity: 5%~95 % ( No condensation) |
| Industry Standard | EMI: FCC Part 15, CISPR (EN55032) class AEMS: EN61000-4-2 (ESD)EN61000-4-4 (EFT)EN61000-4-5 (Surge)Shock: IEC 60068-2-27Free fall: IEC 60068-2-32Vibration: IEC 60068-2-6  |
| Certification | CE mark, commercialFCC Part 15 Class BVCCI Class BEN 55032 , Class A |
| MTBF | 100,000 hours  |
| Packing list | 1. Industrial grade switch: 1 Set
2. Instruction manual: 1 PCS
3. Certificate, warranty card: 1 PCS
4. Serial cable：1PCS
5. Operation manual CD：1 PCS
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| Warranty | 2 years  |
| **Hardware Parameters** |
| Bandwidth | 56Gbps |
| Packet Buffer Memory | 4M |
| Chip Solution | VSC7425 |
| Packet Forwarding Rate | 18Mpps |
| MAC | 8K |
| Forwarding Mode | Store-And-Forward |
| **L2 management** |
| Port management | Support enable / disable portSupport speed, duplex, MTU setting, etc.Support flow control flow control settingsSupport port mirroring.Support port in / out directionSupport port speed limitSupport port isolation settingUnknown unicast, multicast, broadcast storm suppressionPD Alive Check(Watchdog) |
| STP | Standard Spanning Tree (STP) 802.1d Rapid Spanning Tree (RSTP) 802.1w Multiple Spanning Tree (MSTP) 802.1s |
| Ring Network Protocol | ERPS |
| Link Aggregation | Support static manual aggregationSupport LACP dynamic convergence |
| VLAN | Support Port based VLAN and IEEE 802.1Q VLAN |
| IGMP Snooping | Support static add / delete |
| MAC | Support static add / deleteMAC address learning limitSupport dynamic aging time settings |
| **L3 ( Layer 3 Switching ) and Router Function** |
| Interface Configuration | Support virtual VLAN interface |
| ARP | Support check ARP |
| Router Function | Static Router |
| **Extended Function** |
| ACL | based on the source MAC, destination MAC, protocol type, source IP, destination IP, L4 port numberSupport time-range time management |
| QOS | based on 802.1p (COS) classificationBased on DSCP classificationBased on the source IP, destination IP, port number classificationSupport SP, WRR, DRR scheduling strategySupport traffic speed limit CAR |
| LLDP | supports LLDP link discovery protocol |
| User Setting | Support add/delete user |
| Log | User login, operation, status, event log |
| Port security | Dyning Gasp、Snmp Trap |
| Prevent Attack | DOS defenseSupport for CPU protection, limited to send CPU message rateARP binding (IP, MAC, PORT binding) |
| System Management | Device reset, configuration save/restore, upgrade management, time setting, etc. |
| **Management Function** |
| CLI | Support serial command line management |
| TELNET | Support serial command line management |
| SSH | Support SSHv1/2 remote management |
| SNMP | Support v1/2/3 |
| WEB | Support two layers of settings |
| PoE | POE Power management |