**SL-IE3214SP**

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자동 생성된 설명

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 | IEEE802.3  IEEE802.3u  IEEE802.3z  IEEE802.3ab  IEEE802.3x  IEEE802.1d  IEEE802.1w | |
| 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/2Km  Single-mode：1310nm,1550nm Transmission Distance: 20/40/60/80/100/120Km | |
| LED Indicator | PWR | Lighting：Powered Un-Light：No Power |
| SYS | Lighting：System is operating normally  Un-Light：System is not running |
| Yellow light | Lighting：PoE Powered Un-Light：No PoE Powered |
| Green light | Lighting：Link normally  Un-Light：Link disconnect |
| G9-G14 | Lighting：Fiber Connection is Normal  Un-Light：Disconnect |
| Power Supply | Input Voltage: DC48～55V  Type of input: 4 PIN terminal （block V1+V1- V2+ V2-） | |
| Fiber Media | Multi-mode：850nm,1310nm Transmission Distance: 550m/2Km  Single-mode：1310nm,1550nm Transmission Distance: 20/40/60/80/100/120Km | |
| Physical structure | Protect grade： IP40  Installation：DIN Rail  Produc Dimensions(L×W×H): 188mm\*130mm\*64mm  Package Dimensions(L×W×H): 250mm×210mm×88mm  Standard 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 A  EMS: EN61000-4-2 (ESD)  EN61000-4-4 (EFT)  EN61000-4-5 (Surge)  Shock: IEC 60068-2-27  Free fall: IEC 60068-2-32  Vibration: IEC 60068-2-6 | |
| Certification | CE mark, commercial FCC Part 15 Class B VCCI Class B EN 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 | |
| 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 port  Support speed, duplex, MTU setting, etc.  Support flow control flow control settings  Support port mirroring.  Support port in / out direction  Support port speed limit  Support port isolation setting  Unknown unicast, multicast, broadcast storm suppression  PD 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 aggregation  Support LACP dynamic convergence | |
| VLAN | Support Port based VLAN and IEEE 802.1Q VLAN | |
| IGMP Snooping | Support static add / delete | |
| MAC | Support static add / delete  MAC address learning limit  Support 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 number  Support time-range time management | |
| QOS | based on 802.1p (COS) classification  Based on DSCP classification  Based on the source IP, destination IP, port number classification  Support SP, WRR, DRR scheduling strategy  Support 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 defense  Support for CPU protection, limited to send CPU message rate  ARP 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 | |