

SC-F5700-08G

10 Gigabit 24 Port Switch



Product Profile

SC-F5700-08G is 24 Gigabit managed intelligent network switch designed for security. with 24 Gigabit SFP port, 8 Gigabit self-adaptive port, 4 ports 10 Gigabit SFP+ port, To gather and core data exchange to provide enough bandwidth. The user can according to their needs to choose a suitable 10 Gigabit port in a flexible response network requirements. Powerful software function can achieve a variety of business. Such as port mirroring, Port VLAN, multicast, VLAN, link aggregation, spanning tree, binding of ARP and so on. High bandwidth for HD video monitoring provide high reliability. Its characters are high bandwidth, low delay, simple network management, high-performance. It is the best product for cybercafe, company, school and intelligence community with the video monitoring application.

Key Features

- Provide 4 port 10 Gigabit expansion slot, the user can choose any of several ports flexibly according to their own network requirements
- All the ports provide second line speed exchange ability, ensure all ports non-blocking message forwarding
- Under the online speed, support support 9216 byte Jumbo Frame
- Support 12Mbits internal Shared storage
- Support 24 Gigabit SFP port
- Support 8 self-adaptive port, Support 10/100/1000M port speed ;
- Support base on IEEE 802.1Q port agreement , 32K MAC capacity , 4K VLAN ;
- Support STP、RSTP、MSTP spanning tree protocol
- Support IVL、SVL VLAN learning ;
- Support for multiple authentication strategy, User IP + MAC address authentication with port, Based on the port 802.1X authentication, long-distance Radius、NAS Authentication network to identify accurately without interference.
- Support IP ACL、MAC ACL、Vlan ACL , With effective defense function of ARP attack and virus
- It has the storm control function, To broadcast, multicast and unicast storm effectively suppressed
- Support up to 128Gbps bandwidth and Non-blocking line speed forward
- Support protection of the loop
- Full metal jacket, support for desktop and wall installation

Specification

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| Network Port | · 24 1000Mbps SFP port |
| | · 8 10/100/1000Mbps RJ45 port |

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| | · 4 10Gigabit SFP+ port |
| NET MGT | · 1 Console |
| Performance | · Support store-and-forward |
| | · bandwidth : 128Gbps |
| | · Forward full speed filter 96Mpps |
| LEDs indicator | · Power |
| | · LINK/ACT |
| | · input power : 100-240V, 50/60Hz |
| Power | · Size (LxWxH) : 440mm×320mm×44mm |
| Dimensions | · Weight : 4.5 kg |
| | · Operating Temperature : 0°~40°C (32°~104°F) |
| Environment | · Storage Temperature : -40°C~70°C (-104°~158°F) |
| | · Operating Humidity : 10%~90% (Non-condensing) |
| | · Storage Humidity : 5%~90% (Non-condensing) |
| | · CE Class B |
| EMC | · FCC Part 15 , Class B |
| | · VCCI Class B |
| | · C-Tick |
| | · CE/LVD |
| Certifications | · 1 year |
| Warranty | |
| | IEEE802.3 ad : Link Aggregation Control Protocol(LACP) |
| | IEEE 802.3,10BASE-T ethernet ; |
| | IEEE 802.3u,Fast Ethernet standard ; |
| | IEEE 802.3ab,Gigabit Ethernet standard ; |
| | IEEE 802.3z,Gigabit Ethernet fiber-optic standard ; |
| | IEEE 802.3ae,10G ethernet standard ; |
| | IEEE 802.3x,Full-duplex Ethernet data link layer flow control ; |
| | IEEE 802.3az,EEE Energy efficient Ethernet standard; |
| | IEEE 802.1AB-2005,LLDP agreement ; |
| | IEEE 802.1D,STP agreement ; |
| | IEEE 802.1q,VLAN standard ; |
| | Standard support agreement |
| MAC address | Support 32K MAC address table; |
| | Support automatic updates, two-way learning; |
| VLAN | Support maximum 4096 VLAN ; |
| | Support based on the port VLAN ; |
| | Support 802.1Q mark VLAN ; |
| Spanning tree | SupportSTP、 RSTP、 MSTP |
| Trunk | Support 10 Gigabit port trunk , static port trunk |
| Port Mirroring | Support base on VLAN and VCAP match the image; |
| Port flow control | Back pressure for half duplex |
| | Support full duplex base on PAUSE frame ; |

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| Port speed limit | Support the input and output bandwidth management based on port; |
| Multicast control | Support IGMP Snooping; |
| Broadcasting storms relieving | Support for broadcast,multicast,unicast restrain |
| Safety | Support 8 base on TCP/UDPport number , DSCP value、 VLAN shared identity range check |
| | Based on the port and the MAC address of channel control |
| DHCP | Support DHCP Client; |
| | Support DHCP Snooping; |