Gigabit Ethernet PoE Switch

NSW5130-8GT2GP-POE-IN





Overview

NSW5130 Series Switches are the next generation high-performance Ethernet switches. This series is provided with high density Ethernet interfaces and multiple access security management features. Equipped with highly reliable technologies including PoE (Power over Ethernet) and FRRP fast ring network recovery protocol, it can fully meet the needs of multiple application scenarios such as campus convergence, access and Gigabit to Desktop. In addition, it provides environmentally-enhanced designs, including environmental monitoring and a wide range of operating temperature between 0 - 45℃, helping users save maintenance costs, simplify network management and create a green and low-carbon network utilization.

Features

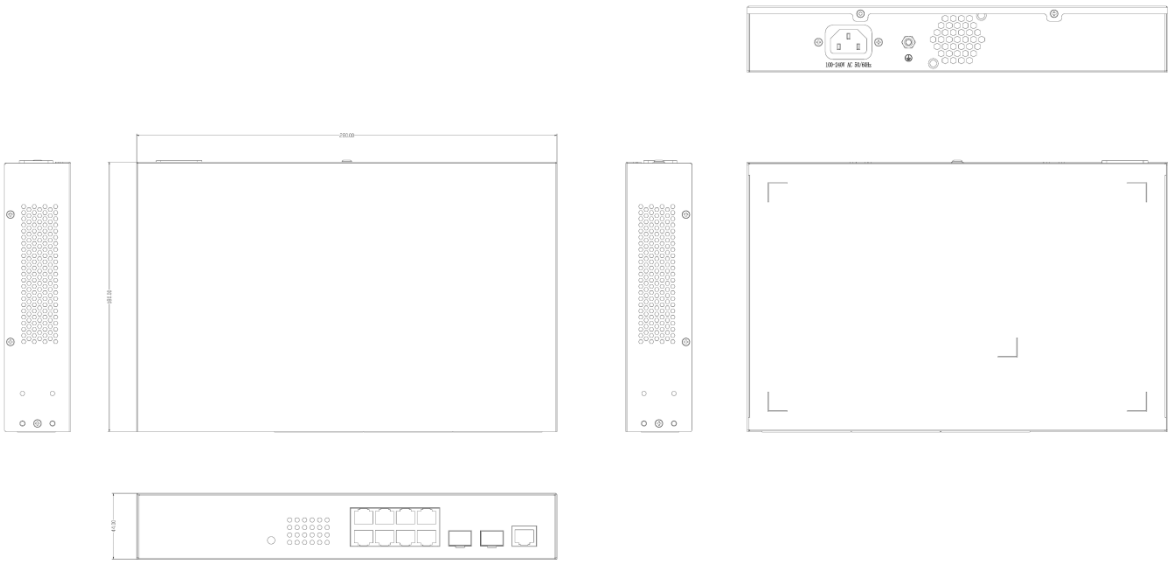
- Flexible Gigabit access. With flexible 8/24/48 Gigabit interface access, NSW5130 Series is compatible with non-multiplexed SFP interfaces to enable high density Gigabit access and protect users' investment.
- Multiple services. NSW5130 Series supports multicast protocols such as IGMP, IGMP Snooping , FRRP (fast ring network recovery) protocol and FLRP (fast link recovery protocol).
- Sound security control policy. NSW5130 Series provides multiple authentication modes based on MAC address, 802.1x, and Portal. It supports dynamic or static binding of user identity, such as user account, IP, MAC, VLAN, and interface.
- Rich QoS policy. NSW5130 Series supports traffic identification on interfaces. It provides multiple stream classifications based on source MAC address, destination MAC address, source IP address, destination IP address, TCP/UDP port number, protocol type, and VLAN.
- Outstanding management. Compatible with SNMPv1/v2/v3 standard network management protocol, NSW5130 Series provides CLI command lines and a Web management interface.

Specifications

Model	NSW5130-8GT2GP-POE-IN
Hardware Specification	
Ports Type	8*10/100/1000Mbps RJ45 PoE port, 2*1000Mbps SFP port
Switching capacity	20Gbps
Forwarding performance	14.88Mpps
MAC	8K
Max.Power	8W (excluding POE)
Power Supply	AC: 100 to 240V, 50/60Hz;
Max.PoE Power	Maximum total power: 125W Maximum PoE power for single port: 30W
Cooling Fans	1
Indicator	PWR, RUN, LINK/ACT, POE
Dimensions (W×D×H)	280×180×44
Weight	1.8kg
Operating Temperature	0℃ to 45℃
Operating Humidity	5% to 95%, non-condensing
Software Specification	
MAC	Support static, dynamic, black hole MAC entries Support source MAC address filtering
Ethernet	Support port aggregation, port mirroring, RSPAN, port isolation, port traffic identification
VLAN	Support 4K 802.1Q VLAN Support VLAN based on MAC/ IP subnet/authentication policy/interface VLAN Support GVRP Support QinQ
Maintenance	Support real-time temperature detection and alarm Support SNMP, CLI, Web management, Support local and remote output of system logs, operation logs, debugging information
Security	Support authentication modes based on MAC, 802.1x, and Portal; support local and support local and centralized authentication Support dynamic ARP detection, one-click ARP binding, authorized ARP, ARP source suppression, ARP source address inspection Support port isolation, port security Support broadcast storm suppression Support SSH2.0
QoS	Support 8 priority queues per port Support traffic classification based on 802.1p/DSCP/TOS Support speed limit on ports and streams Support SP, WRR, SP + WRR queue scheduling
Reliability	Support STP, RSTP, MSTP
DHCP	Support DHCP Client, DHCP Server, DHCP Snooping

Multicast	Support IGMP Snooping
Basic	
Installation Type	Desktop,Rack
Port Surge Protection	Common mode ±2KV
Port ESD Standard	Contact ±6KV,Air ±8KV
Certification	CE,FCC
Compliance	
NDAA Compliant	Support

Dimensions



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Zhejiang Uniview Technologies Co., Ltd.

http://www.uniview.com

overseasbusiness@uniview.com; globalsupport@uniview.com

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

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