

# NSW5110-24GT4GP-IN

NSW5110-24GT4GP-IN Network 24-port switch with two SFP ports UNV



|             |                    |
|-------------|--------------------|
| Model       | NSW5110-24GT4GP-IN |
| Brend       | Uniview            |
| Port sayı   | 24 Port            |
| Port sürəti | 1000mb/s           |

## Specification

|                                  |   |
|----------------------------------|---|
| Model                            | NSW5110-24GT4GP-IN  |
| Ports                            | 24×1000Mbps ports (RJ45)+2×1000Mbps Fiber(SFP) ports+2G Combo ports   |
| Standards                        | IEEE802.3, IEEE802.3u, IEEE802.3z,IEEE802.3ab, IEEE802.3x   |
| Switching capacity               | 56Gbps  |
| Forwarding performance           | 41.66Mpps   |
| Packet Buffer                    | 4Mbit   |
| MAC                              | 8K  |
| Dimensions (W×D×H)               | 440*208*44mm  |
| Weight                           | 3.6<kg  |
| Power supply                     | AC: 100-240V, 50/60Hz   |
| Mean Time Between Failure (MTBF) | >50000 hours  |
| Operating temperature            | 0°C-40°C (32°F-104°F)   |
| Operating humidity               | 10%~90% (noncondensing)   |
| Storage humidity                 | 5%~90% (noncondensing)  |
| Indicatorlight                   | <b>PWR:</b><br>Death: switch does not power on<br>Permanent: the switch is powered on   |
|                                  | <b>LINK/ACT:</b><br>Death: not connected to the network equipment<br>Green light: connected to 1000Mbps devices<br>Blinking:connected devices are data transmission |
|                                  | <b>System:</b><br>Blinking: the system works<br>Out: the system is starting or has nopower  |

### Software Specification

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| Ethernet | support Frame format:Ethernet II |
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| support Gigabit SFP 100 Gigabit compatible                                      |   |
| support flow control  |   |
| support Line order (MDIX/MDI)   |   |
| support link aggregation  |   |
| support Jumbo Frame length 9K   |   |
| support Port rate adjustment<br>auto<br>10Mfull/half<br>100Mfull/half 1000Mfull |   |
| support Port information statistics   |   |
| support Port Description  |   |
| IEEE802.1d STP  | support IEEE802.1d STP  |
| IEEE802.1w RSTP   | support IEEE802.1w RSTP   |
| MSTP  | support standard 802.1s MSTP  |
|   | support 64 MSTP instance  |
| STP Optional Features   | support PORT FAST   |
|   | support BPDU FILTER   |
|   | support BPDU GUARD  |
|   | support hello-time  |
|   | support Max Age   |
|   | support Forward Delay   |
|   | support Max hops  |
|   | support TC ignore   |
| support TC GUARD  |   |
| mstp Port Optional Features   | support PORT FAST   |
|   | support BPDU FILTER   |
|   | support BPDU GUARD  |
|   | support TC GUARD  |
|   | support TC filter   |
|   | support Auto Edge   |
|   | support TC PROTECTION   |
|   | support Compatibility mode  |
|   | support ROOT GUARD  |
|   | support point to point  |
| AP  | support Flow-Balance Method<br>dst-ip Destination IP address<br>dst-mac Destination MAC address<br>src-dst-ip Source and destination IP address<br>src-dst-mac Source and destination MAC address<br>src-ip Source IP address<br>src-mac Source MAC address |
|   | support Maximum number of Aps   |
|   | support AP member port that is included in each AP.   |
| storm control   | support broadcast storm control   |
|   | support multicast storm control   |
|   | support unicast storm control   |
|   | support Control granularity (percentage and kbps are values for 64-byte datagram) 64kbps  |
| mirroring   | support Many-to-one mirror  |
|   | support Stream-based mirroring  |
|   | support Number of mirror groups 4 SESSION   |
| VLAN  | support Whether to allow VLAN 1 to be deleted on the trunk port   |
|   | support Port based VLAN   |
|   | support GVRP  |
|   | support The number of VLANs that can support be created 4094  |
|   | support mac-vlan  |

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| support subnet-vlan                          |  |
| support protocol vlan                        |  |
| supportvlan maps                             |  |
| support Allow specified VLAN ID range 1-4094 |  |
| MAC address                                  | support global MAC address qualities 8K                          |
|  | support static MAC address qualities 1024                        |
|  | support filtering MAC address qualities 1024                     |
|  | support Check and delete address table                           |
|  | support Static address and dynamic learning address              |
|  | support filtering address  |
| LLDP   | support LLDP   |
| ONVIF  | support ONVIF Detect   |
|  | support ONVIF Server   |
| IGMP Snooping                                | support IGMP SNOOPING Groups qualities                           |
|  | support IGMP V1,V2 snooping                                      |
|  | support source IP check  |
|  | support Multicast policy and filtering                           |
|  | support IGMP Fast Leave  |
| Port limit                                   | support Egress speed limit granularity                           |
|  | support Ingress speed limit                                      |
|  | support Egress speed limit                                       |
| ARP  | support Anti-ARP gateway spoofing                                |
|  | support filtering IP Port  |
|  | support Free ARP protection                                      |
|  | support Source MAC check   |
|  | support ARP detection  |
|  | supportip and mac Static binding                                 |
|  | supportarp trust Port  |
| Network Tool                                 | support Ping   |
|  | supportTraceroute  |
| ACE capacities                               | support The input direction is associated with the physical port |
| ACL  | support IP standard ACL  |
|  | support IP extended ACL  |
|  | support MAC extended ACL   |
|  | support professional ACL   |
|  | support global ACL   |
|  | support time-range ACL   |
| QoS  | support QoS hardware queues qualities                            |
|  | support Determine the exit queue according to 802.1p, DSCP, port |
|  | support Stream-based 802.1p re-marking                           |
|  | support Stream-based queue maps                                  |
|  | support SP   |
|  | support WRR  |
|  | support RR   |
| support WFQ                                  |  |
| Port Security                                | support Mac filtering time                                       |
|  | support Whitelist data   |
|  | support clear mac address table                                  |
|  | support Mac address binding                                      |
|  | support Max mac qualities settings                               |
|  | support Blacklist data   |
| support Violation mode                       |  |
| Port isolate                                 |  |
| LOOPBACK                                     |  |

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| DAI                                      | support software DAI entry qualities  |
| SNMP                                     | Supporting version(SNMPV1,V2c,V3)   |
| Web management                           | support Web management  |
|  | support HTTP V1.1   |
|  | support HTTPS   |
| RMON                                     | support RMON(1,2,3,9)   |
| system upgrade                           | support System upgrade or page upgrade via tftp                             |
| save Configuration                       | support save Configuration  |
| Configuration management                 | support Import, export, backup configuration, restore factory configuration |
| Syslog/Debug                             | support Syslog/Debug  |
| Security function                        |   |
| Basic characteristics                    | support login authentication(password, none)                                |
| Password security                        | support Static password encryption transmission, storage                    |
|  | support Strong password and password minimum length check                   |
| Radius                                   | support Radius  |
|  | support Specify multiple groups of servers ip                               |
| Tacacs+                                  | support TACACS+   |
|  | support Specify multiple groups of servers ip                               |
| ssh                                      | support SSHv2.0   |
| Anti-dos attack                          | support Interrupting Land attack packets and illegal TCP packets            |
| dot1x                                    | support 802.1X  |
|  | support port base   |
|  | support mac base  |
|  | support MAB   |
|  | support Multiple account switching  |
| Defense gateway ARP spoofing             | support Defense gateway ARP spoofing  |
| IP SOURCE GUARD                          | support IP SOURCE GUARD   |
| CPP                                      | support hardware CPP  |
| ARP Check                                | support IP+MAC data binding using DHCP SNOOPING                             |
|  | support Leverage 1X IP+MAC data binding                                     |
|  | support leverage IP+MAC data binding of IP SOURCE GUARD                     |
|  | support Trusted ARP   |
| Web management                           | support HTTP Access   |
| DHCP Relay                               | support Allow configuration of the number of servers                        |
| DHCP snooping                            | support Option82  |
|  | Supporttrust Port Configuration   |
|  | SupportIP+MAC binding table(ip source guard)                                |
|  | SupportBind to logical ports (including physical interfaces)                |
|  | SupportSoftware binding database capacity                                   |
|  | Supportbind to VLAN   |
| DHCP server                              | Support binding table Configuration   |
|  | Support Address pool configuration  |
| Telnet                                   | Support Telnet  |
|  | Support Maximum number of connections                                       |
| TFTP                                     | Support TFTP Client   |
| FTP                                      | Support FTP Server  |
|  | Support FTP Client  |
| ERPS                                     | Support Delete ERPS Loop  |
|  | SupportErps Loop Configuration  |
|  | SupportErps time Configuration  |
| static and dynamic lacp link aggregation | SupportLacp Configuration   |

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| Support Load-Balance Method<br>dst-ip Destination IP address<br>dst-mac Destination MAC address<br>src-dst-ip Source and destination IP address<br>src-dst-mac Source and destination MAC address<br>src-ip Source IP address<br>src-mac Source MAC address |
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| Support link aggregation groups qualities |
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| Support max link aggregation qualities of each link aggregation group |
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| Support link aggregation port configuration |
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