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Niveo Professional NRS Series

NRSW8GP

Web-managed Gigabit switch with eight PoE+ RJ45 ports, one additional RJ45 port and one SFP port.



PRODUCT DATASHEET

NRSW8GP

Product Specification

The NRSW8GP is a lite management PoE switch which features 9-port 10/100/1000Mbps RJ45 (8 ports PoE+) with 1-port gigabit SFP. The web-based management interface offers features for flow control, VLAN, QoS etc.The rock solid fanless design is built to last in every modern installation.

Technical Specifications

Model No.	NRSW8GP
I/O ports	1*10/100/1000Mbps RJ-45 port 8 *10/100/1000Mbps PoE +RJ-45 ports 1* SFP port
Standard	IEEE 802.3 10Base T Ethernet IEEE 802.3u 100Base TX(Fast Ethernet) IEEE 802.3ab 1000Base T(Gigabit Ethernet) IEEE 802.3z 1000base SX LX IEEE 802.3x Flow control IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
LED Definition	Power: Green Solid on- power work normal, off- power disconnected System: Green Blink -work normally, off- soft work abnormal 10/100/1000T RJ45 Interfaces (Port 1 to Port 8): PoE: Yellow Solid on- PoE work normally, Off- PoE doesn’t work LNK/ACT (Green) Fast Blink - port connected with data transmission; Slow blink-port connected without data transmission; Off- No port connection, 10/100/1000T RJ45 Interfaces (Port 9): Speed (Yellow) Solid on-10/100M; off-1000M LNK/ACT (Green) Fast Blink - port connected with data transmission; Slow blink-port connected without data transmission; Off- No port connection

	100/1000Mbps SFP Interfaces (Port 10): Green Solid on- port connected with data transmission; Off- No port connection;
MAC table	4K
Data Buffer	1.5Mbit
PoE Budget	110W
Jumbo Frame	9k bytes
Switching Fabric	20Gbps
Power Input	External UL certified power supply: 100-240VAC, 50/60Hz 55v DC, 1.3A
Dimension	185(L)*94(W)*28(H)mm
FAN Design	Fan-less
Temperature	Operating: -10℃~40℃ Storage ：-20℃~70℃
Humidity	10%~90% RH(non-condensing)
Safety	LVD EN60950-1: 2011+A2: 2013
EMC	Surge Immunity： 4KV Per: IEC61000-4-5 ESD Protection：ESD Level 4 Per: IEC61000-4-2 EFT Level 4 Per: IEC61000-4-4

Software functions

System Setting	System information DHCP client enable/disable IP setting User account setting
Port configuration	Auto-negotiation Flow Control Port Mirror: TX/RX/BOTH; Many-to-1 monitor Traffic statistics Port isolation Loop prevention Storm Control (Broadcast, Multicast, Unknown Unicast) Bandwidth control per port
Link Aggregation	Static link aggregation
MAC Address	March Search Static MAC address
VLAN	4094 Active VLANs 802.1Q Tag VLAN Port VLAN Static VLAN
QoS	8 mapping IDs to 8 level priority queues CoS port-based CoS 802.1p-based CoS DSCP-based
PoE management	Total PoE power budget control Per port PoE function enable/disable PoE Reboot Extend PoE Mode
Maintenance	Firmware upgrade via web Factory default Reset Save Reboot