

Name	NRS5FP, NRS5GP, NRS8FP	
Port Description	NRS5FP/NRS5GP series, 5 RJ45 ports(10/100Mbps), 1-4 ports support PoE function, 1 Uplink port	
	NRS8FP, 9 RJ45 ports, 1-8 ports support PoE, 1 Uplink	
Processing types	Store and Forward	
Performance Spec	Bandwidth: 0.8Gbps(5 ports)/1.6Gbps(9 ports)	
	Network Delay(10 to 100Mbps): less than 2ms	
	Buffer Memory:96KB	
	Address Database Size:1000	
Network Standards	Mean Time Between Failure(MTRF):30000 hours	
	IEEE 802.3i 10BASET	
	IEEE 802.3u 100BASETX	
	IEEE 802.3x Flow Control	
LED Indicator	IEEE 802.3af /IEEE802.3at Power over Ethernet PSE	
	System: Power, PoE Maximum power Per port: Link Activity, Speed, PoE active, PoE error	
Power Supply (9 ports)	NRS8FE Total Power Consumption: 96W	
Physical Spec (5 ports)	Dimension:118x85x28mm(LxWxH)	
	Weight: 0.35kg	
Physical Spec (9 ports)	Dimension:217x105x28mm(LxWxH)	
	Weight: 0.58kg	
Power Pin Assignment	Endspan 12(+) 36(-)	
Power requirement	AC 90-260V Input, 50/60Hz	
Environmental Spec	Working Tem. : 10°C~45°C; Storage Tem. : 20°C~70°C;	
	Working Humidity : 10%~90%, non-condensing;	
	Storage Humidity : 10%~90% , non-condensing;	
Electromagnetic Emissions	CE mark, commercial	FCC Part 15 Class B
	VCC /Class B	EN 55022 (CISPR 22), Class B
	CTick	EN 55024
Safety	CE Mark, commercial	CE/LVD EN60950
Warranty	1 year	
Package List	5/8 ports 10/100Mbps PoE switch	
	DC Power Adapter	
	Bracket Kit(optional)	
	Warranty Card	

# niveon



RESIDENTIAL SYSTEMS

## 5/8 Ports PoE Switch

User's Manual  
V5.12

## Introduction of the products

### 1.1. Overview

This series PoE switch is a network products which provide power and data from a single point using Power over Ethernet(PoE) over a single Cat-5 cables. It is easy to operate plug and play, simplifying the installation and no configuration required.

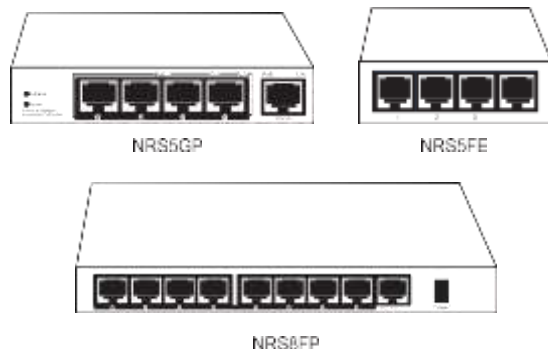
### 1.2. Package Contents

The following items should be found in your box:

- ▶ One PoE Switch
- ▶ One DC Power Adapter
- ▶ One User's Manual
- ▶ One Warranty card

Note: Make sure that the box contains the above items. If any of the listed items are damaged or missing, please contact with the factory.

### 1.3. Identifying External Components



### 1.4. LED definition

LED	Panel	status	Indication
Power Led	Power	On(green)	Power on.
		Off	Power off.
PoE Max	PoE	On(red)/Off	PoE Max power budget
PoE Status	PoE	On(yellow)	Normal
		Off	Abnormal
Bandwidth Led	Act	Flashing(green)	Data On
		On(green)	Data Off
Status Led	Link	On(green)	Network connected
		Off	Network unconnected

## Installation

### 2.1. Installation Notes

To install the Switch, please follow the steps:

- (1) This PoE switch is only used indoor, please place it in ventilated and dry space.
- (2) Please avoid placing the Switch on an unsteady desk.
- (3) Please insert the power adapter carefully to the power socket of the switch, and then connect it properly to a power source through the cable of the switch.
- (4) Ensure adequate ventilation space( $\geq 10$ cm) around the switch for dissipating heat and air.
- (5) Please avoid any heavy thing placed on the switch.
- (6) Please use the attached power adapter.

### 2.2. Connecting the Unit

- (1) Please respectively connect two ends of the cable to the switch port and computer or other network devices.
- (2) Please separately link the ends of the included power supply configuration to power jack and the socket.
- (3) The Power indicator will light all the time.

## Installation Diagram

