

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(MTBF):30000 hours	
	IEEE 802.3i 10BASET	
	IEEE 802.3u 100BASETX	
	IEEE 802.3x Flow Control	
LED Indicator	IEEE 802.3 af /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℃~45℃; Storage Tem. : -20℃~70℃;	
	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	

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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.

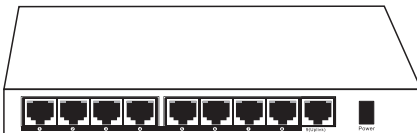
1.3. Identifying External Components



NRS5GP



NRS5FE



NRS8FP

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($\geq 10\text{cm}$) 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

