

Unmanaged Extender

User Manual

S600P-4F-2F-EX/S600P-4G-1G-EX

1 Overview

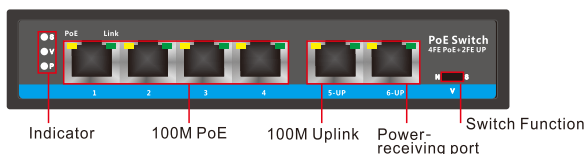
Hasivo one input and multi-extension device can solve the problem of power supply and long-distance network in monitoring project and wireless coverage project. It can realize up to 400 meters network and power transmission with power supply, which is convenient for various engineering wiring. It adopts standard 12+36-power mode output and standard power-receiving mode input, with an optional power-receiving port of 90W!

Features

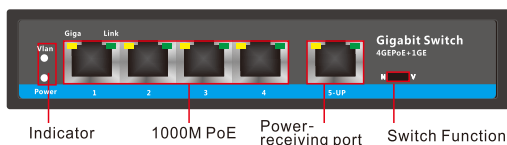
- ◆ Supports power-supply for PoE equipments like AP and network surveillance cameras through Cat5/6 fast ethernet cables.
- ◆ Flow control method:full duplex adapts IEEE802.3,halfduplex adapts Back pressure
- ◆ Port supports Auto MDI/MDIX
- ◆ Port supports lightning protection(secondary level requirements)
- ◆ Exchanging Mechanism:store and forward
- ◆ Zero-configuration:automatically supply for adaptive equipments
- ◆ Panel indicator monitors operating status and helps fault analysis
- ◆ PoE standard:IEEE802.3af/at,optional 45+78- non standard power supply.
- ◆ Single port power:30W,optional power-receiving single port:90W.

2 Product Dispal

1. S600P-4F-2F-EX , 4个10/100/1000M PoE port +1*FE Uplink+1*power-receiving port



2. S600P-4G-1G-EX , 4*10/100/1000M PoE port +1*power-receiving port



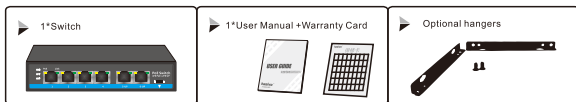
Function Switch

Mark	Mode	Description
NOM	Standard Normal	all ports communicate freely,adapting to common data transmission environment
VLAN	Port Isolation	Switch to VLAN mode,downlink isolateing from each other,uploads and downloads data through uplink,and suppresses network failure like network storm and virus attack.
S	Super Mode	Downlink speed limitation 10M(Super transmission:250 meters)

Indicator

Indicator		Status	Description
Power LED:P		Always ON	Normal
		Always OFF	Power Unconnected
Port isolation LED : V		Always ON	Port Isolation mode ON
Super mode LED : S		Always ON	Super mode ON
PoE LED	Orange	Always ON	Powered equipments connected and power supply normally
		Always OFF	No powered equipments connected or no power supply
	Green	Always ON	Corresponding ports network signal communicate
		Always OFF	Corresponding ports network signal not communicate

Accessories List



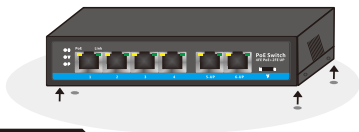
3 Installation and attentions

For the safe installation operation of switch, suggestion:

- → Check up that the power wire is securely wrapped into the AC power connecto or not.
- → Ensure the adequate heat dissipation and ventilation around the switch.
- → Do not stack heavy objects on the switch.

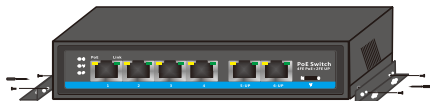
Desktop

When installing the switch on the desktop, the rubber feet that come with the device must be installed on the four corners of the bottom of the device. Please leave aside between the device and other surrounding objects



Install to rack

The switch can be installed on the wall and the mounting brackets are attached to the side panels of the switch (one on each side) and secured with the screws provided with the unit. Then, it can be fixed to a wall surface or a vertical table top.



Specification of power socket

The switch adopts single-phase three-wire power socket, the middle one is the G wire, the left one is the N wire, and the right one is the L wire. Please check before operation.

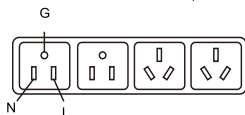


Figure1. 2. 1 three-wire socket(Single-phase)

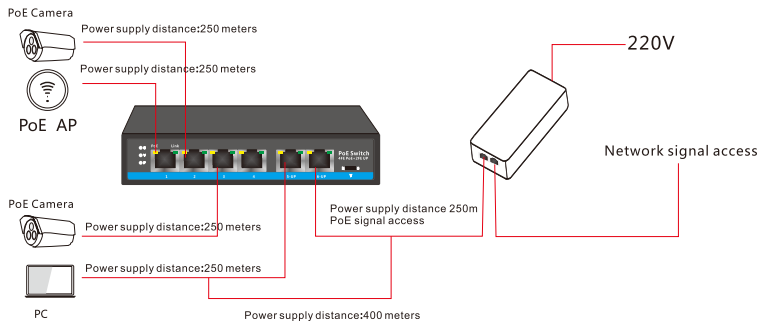
The inspection after installation

Please check up the following items after installation:

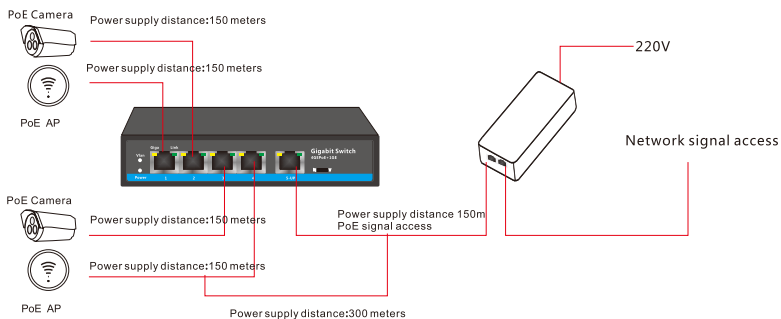
1. Enough cooling space around the switch and smooth air circulation
2. The power supply from the power socket conforms to the switch' requirements;
3. The power supply, switch, rack and other equipments are properly grounded;

4 Application

Option 1



Option 2



5 Parameter

Model	S600P-4F-2F-EX	S600P-4G-1G-EX
Product	6 Port Fast Ethernet PoE Extender	6 Port Gigabit PoE Extender
PoE power-receiving port	1/2(+), 3/6(-); MAX received power:30/90W	
PoE Input port	Support IEEE802.3af/at MAX output power:30W	
Function	N:(Standard Normal)+V:(Port Isolation)+S:(Super Mode)	
Watt	Standby power Consumption : ≤3W ; Full-load power Consumption : ≤30W/90W ;	Standby power Consumption : ≤5W ; Full-load power Consumption : ≤30W/90W ;
DC Input	As network extender : DC9-57V MAX 0.5A As PoE network extender : DC37-57V MAX 0.5A	
Network Protocol	IEEE802.3 IEEE802.3i 10BASE-T IEEE802.3u100BASE-TX IEEE802.3x IEEE 802.3af/at	
LED Indicator	P : Power LED V:Port Isolation LED S:Super Mode LED Port:(Orange=PoE LED+Green=Link LED)	
Transmission Mode	Store and Forward(full wirespeed)	
Bandwidth	1Gbps	12Gbps
Packet Forwarding	1.15Mpps	7.2Mpps
MAC Address	1K	2K
Buffer	768K	2.5M
Transmission Distance	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) 1000BASE-TX : Cat5 or later UTP(150 meter)	
Operating Temperature/ Humidity	-10 ~ +55°C ; 5% ~ 90% RH Non coagulation	
Storage Temperature/ Humidity	-40 ~ +75°C ; 5% ~ 95% RH Non coagulation	
Product size /Packing size (L*W*H)	140mm*80mm*28mm 215mm*175mm*45mm	
N.W/G.W (kg)	0.3kg/0.4kg	
Installation	Desktop	
Lightning protection level	3KV 8/20us ; Ip30	
Certificate	3C ; CE mark, commercial ; CE/LVD EN60950 ; FCC Part 15 Class B ; RoHS ;	
Warranty	Whole device for 1 year (Accessories not included)	

Attentions

To avoid equipment damage and personal injury caused by improper use, please follow the precautions as below:

!Keep the status of power-off during installation, and wear anti-static wrist to ensure good contact between anti-static wrist and skin to avoid the hidden danger.

!The switch can only work normally under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch.

!Before switch on, please make sure that it will not cause overload of the power circuit, so as not to affect the normal operation of the switch or even unnecessary damage.

!In order to avoid the danger of electric shock, do not open the shell up when the switch works, even in the case of no live current, do not open.

!Before cleaning the switch, pull out the power plug. Do not wipe it by using wet fabrics or liquid.

!Install device in the rack-mount regularly from top to bottom, incase of over-load installation.

!Don't place other heavy objects on the surface of the switch to avoid accidents.