



# Quick Start Guide

## HPS-1008

Please read carefully the instruction manual before use.  
Depending on the model, the image  
and the actual look of the product may vary.

[Rev.3.0]

## Overview

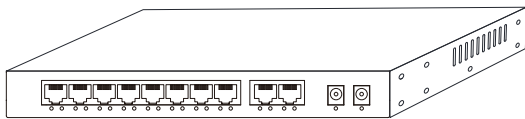
The HPS-1008 is 8 + 2 port Gigabit Hybrid PoE+ Switching Hub that transmits 1Gbps Ethernet and supports PoE+ (up to 25.5W).

Using HPS-01 (2 Port Hybrid PoE Switch), the device supports 100Mbps Ethernet transmission and PoE+ power supply up to 200 meters and it is possible to connect multiple devices in cascade mode.

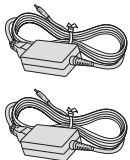
With dual DC inputs supply secured PoE+ power up to 25.5W by each port and can also be used redundancy power source.

Optional 19" rack mount is available for easy installation.

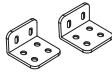
## Package



HPS-1008



Adapter



Bracket

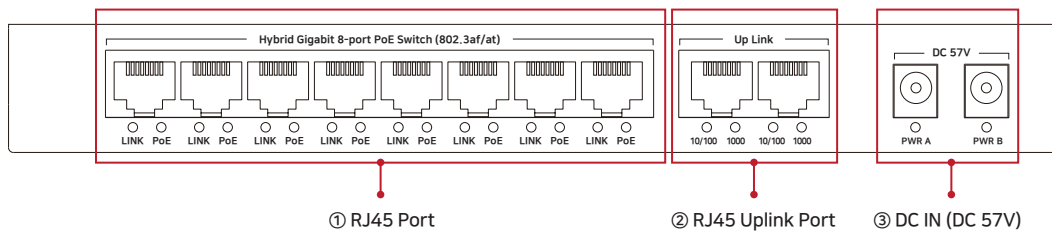


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## Features

- Gigabit 8+2 port PoE Switch
  - Downlink: 8 x RJ45
  - Uplink: 2 x RJ45
- 10/100/1000 Ethernet (Full Duplex)
- Extended Ethernet (100Mbps) distance up to 200 m (With HPS-01, 2 port Hybrid PoE Switch)
- Cascade configuration (With the HPS-01: 2 port Hybrid PoE Switch)
- PoE, PoE+ output up to 25.5W
- Over current protection for secured power supply
- Surge Protection
- Dual DC adapter inputs
- Compact Hybrid Switch Design
- Optional 19" Rack mount

## Hardware Overview



### 1. 10/100/1000 Base-T Ethernet port / 8 Port PoE + (IEEE802.3af / Max. 25.5W Output)

- PoE LED lights up when the device outputs PoE to the end-device and Link LED flickers when the data linked.
- If PoE LED is OFF, please use appropriate product as it is out of PoE range which HPS-1008 may cover.
- If the end-device doesn't support PoE, power supply is interrupted and the device can be used for data communication only.

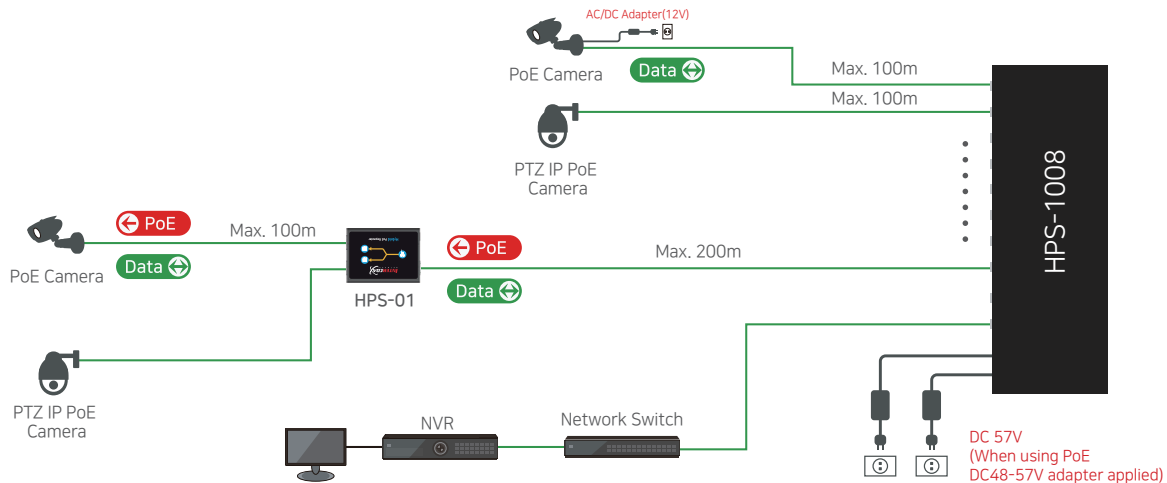
### 2. 10/100/1000 Base-T Ethernet Uplink Port

- The connection speed of the Uplink port is displayed as link LED 10/100 or 1000.

### 3. DC Input port (Max. 57VDC input)

- 2 power supplies are applicable for installing the HPS-1008. (The same model of the power supplies are recommended)
- If the voltage differs between the two power supplies at the same time, only high voltage input power is used. And the only Power LED which is used is ON.
- When power is supplied from two input power sources at the same time, power LEDs (2) for each ports are turned on. (When using 2 power inputs, it is recommended to use the power adapter with 0.4V or less output voltage difference.

## Applications



## Specification

Model		HPS-1008: 8 Port Hybrid PoE Switch
Interface	Downlink	8 x RJ-45 – 10/100/1000 Base-T with Auto-detect MDIX
	Uplink	2 x RJ-45 – 10/100/1000 Base-T with Auto-detect MDIX
Transmission Rate		Max. 1Gbps Full Duplex
Transmission distance	Ethernet / PoE	Up to 100m Up to 200m with HPS-01 (2 Port Hybrid Switch)
LED Indication	Ethernet (Downlink)	8 x RJ45 Data Link (Green)
	Ethernet (Uplink)	2 x RJ45 Data Link (Green/Orange)
	PoE Output	8 x PoE Output (Orange)
	PWR Input	2 x Power Input (Blue)
Power Input		2 x Power input [ DC-Jack ] DC48V-57V
Power Output	PoE	IEEE802.3af(PoE), IEEE802.3at (PoE+ / up to 25.5W)
	Dimension	225(L) x 105(W) x 29(H) mm
Mechanical	Weight	700g
	Operating Temp.	-10 ~ 60 °C
	Storage Temp.	- 30 ~ 80 °C
Environment	Relative Humidity	10% ~ 90%
Compliance	Certification	FCC, CE, KC, RoHS
	Surge Protection	IEC 61000-4-5 4kV(1.2 / 50us), 2kA(8 / 20us)

## Caution

- Please install the device following the installation guide.
- Do not touch the device and cable with wet hands.
- Keep away from moisture and shock.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- Indoor use only.
- Do not use for other purposes.
- Do not disassemble or modify this device.
- Do not put any sticker or paint on it.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Please use the rated power supply for the product.
- Connect DC power to this device first and then to AC outlet.

## Warranty

- This device has passed the quality control and product inspection.
- Please install and use according to the installation guide.
- The warranty period for this product is 24 months from the date of purchase.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Any damages or breakage from user's abuse, accident, modification or natural disasters will not be covered manufacturer's warranty.



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This device complies with part 15 of the fcc rules. Operation is subject to the following two conditions :

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received including interference that may cause undesired operation