

# VS-340SP 4-Channel Ethernet & Power Receiver Hub

## Description



**VS-340SP - 4-Channel Ethernet & Power Receiver Hub** is a Multi-Channel Ethernet and power receiver hub. It simultaneously receives Ethernet and power signals over any pair of 2-wire such as coaxial cable, twisted pair, Cat5, power line, etc. The max PoE distance can reach to 500 meters. Max physical bandwidth can reach 500Mbps.

This product can be widely used for network extension system, network security system, network information publishing system, network renovation and expansion systems, elevator, railway, urban traffic, mining and telecommunication, etc.

## Application



IP Video Surveillance



Network Smart Home



Remote Power Grid

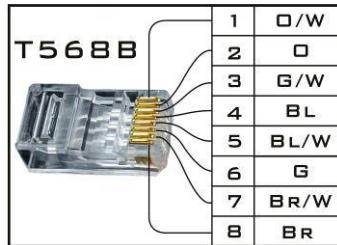


Intelligent Network Industry

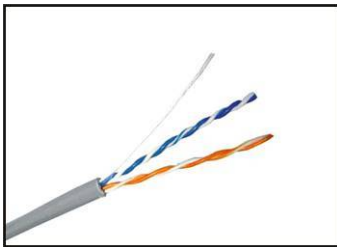
## Features

- ◆ Max transmission distance reach 600m (RG59/RVS 2x1mm<sup>2</sup>), POE transmission distance up to 500m
- ◆ Max physical bandwidth can reach 500Mbps
- ◆ Transmit high-speed network data and power signal over any 2-wire
- ◆ Transparent transmission, no adjustment, no need to change the upper software
- ◆ 19 inch rack size installation, plug and play, anti-interference design

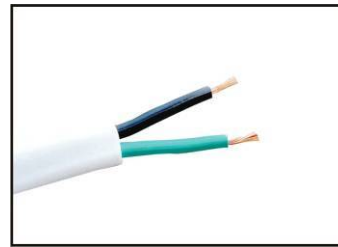
## Cable Tips



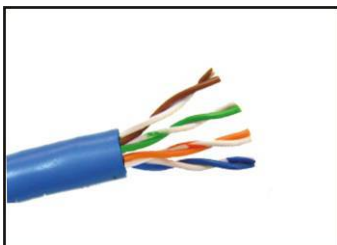
RJ45 port by EIA / TIA568B



Telephone Line: Cat3 or above



Power Line: For example RVV、RVS、RVVP



UTP Cable: Cat5 or above



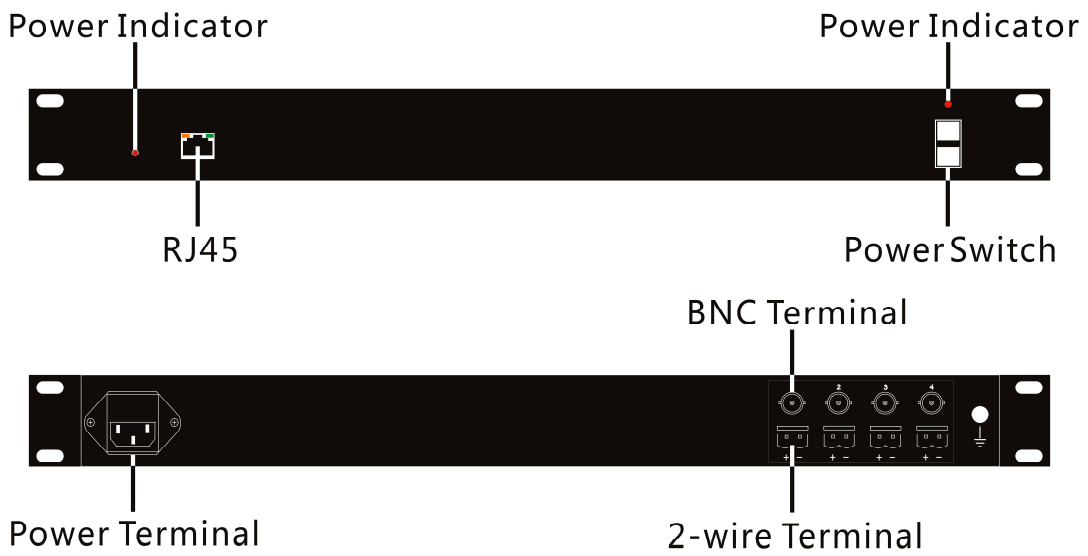
Coaxial Cable: RG 59 or above

# Dimension



Note: Dimension error value  $\pm 1$  mm

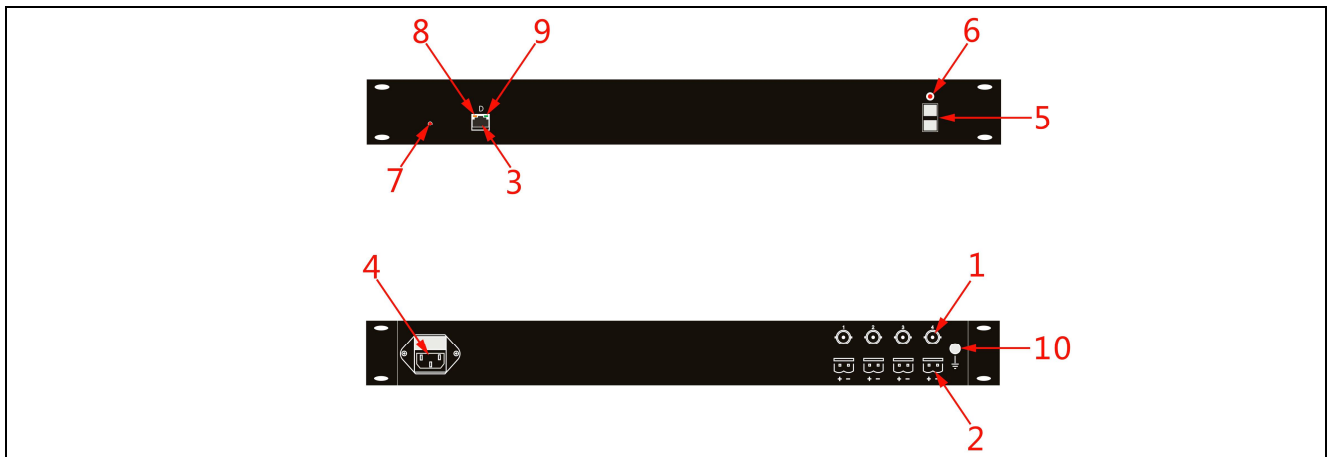
# Terminal



## Technical Parameter

Category		Description
Power	Power Input	100 ~ 120VAC/3A ; 200 ~ 240VAC/2A
	Power Output	48VDC/160W
Ethernet network	Standard Compliance	IEEE 802.3, IEEE 802.3u
	Physical Rate	500Mbps
Physical Characteristic	Dimensions (L x W x H)	483mm x 45mm x 150mm
	Material	Aluminum
	Net Weight	2.1KGS/PC
Operating Environment	Working Temperature	-20°C ~ 60°C
	Working Humidity	< 95% (Non-condensation)

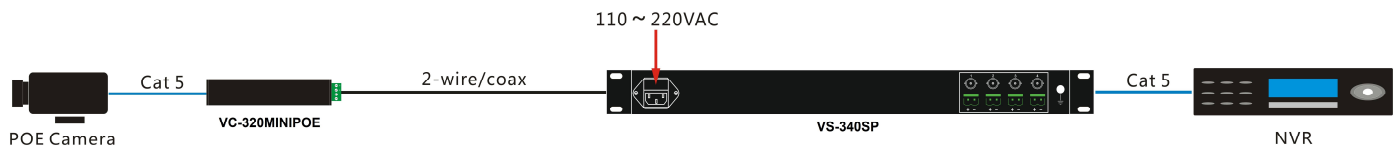
## Installation Instructions



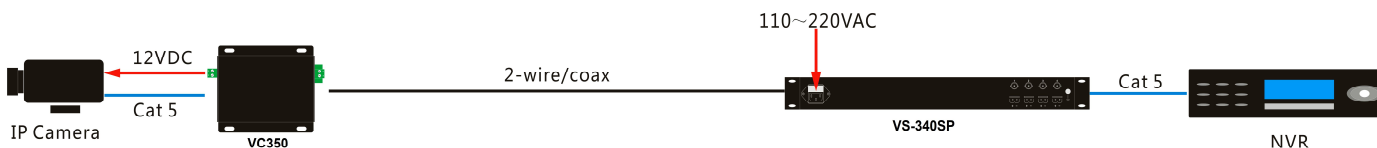
Step	Installation Instruction	Step	Installation Instruction
1	Connect the coaxial cable to the BNC terminal of hub (1)	6	General power indicator is always on when working (6)
2	Connect the two-wire to the 2P terminal of hub (2)	7	Unit power indicator is always on when working (7)
3	Connect the RJ45 terminal to the end-side network devices (3)	8	Network data indicator is flashing when working (8)
4	Connect power (110VAC) to the power terminal (4)	9	Unit line indicator is always on or flashing when working (9)
5	Power switch (5)	10	Grounding terminal (10)

# Connection

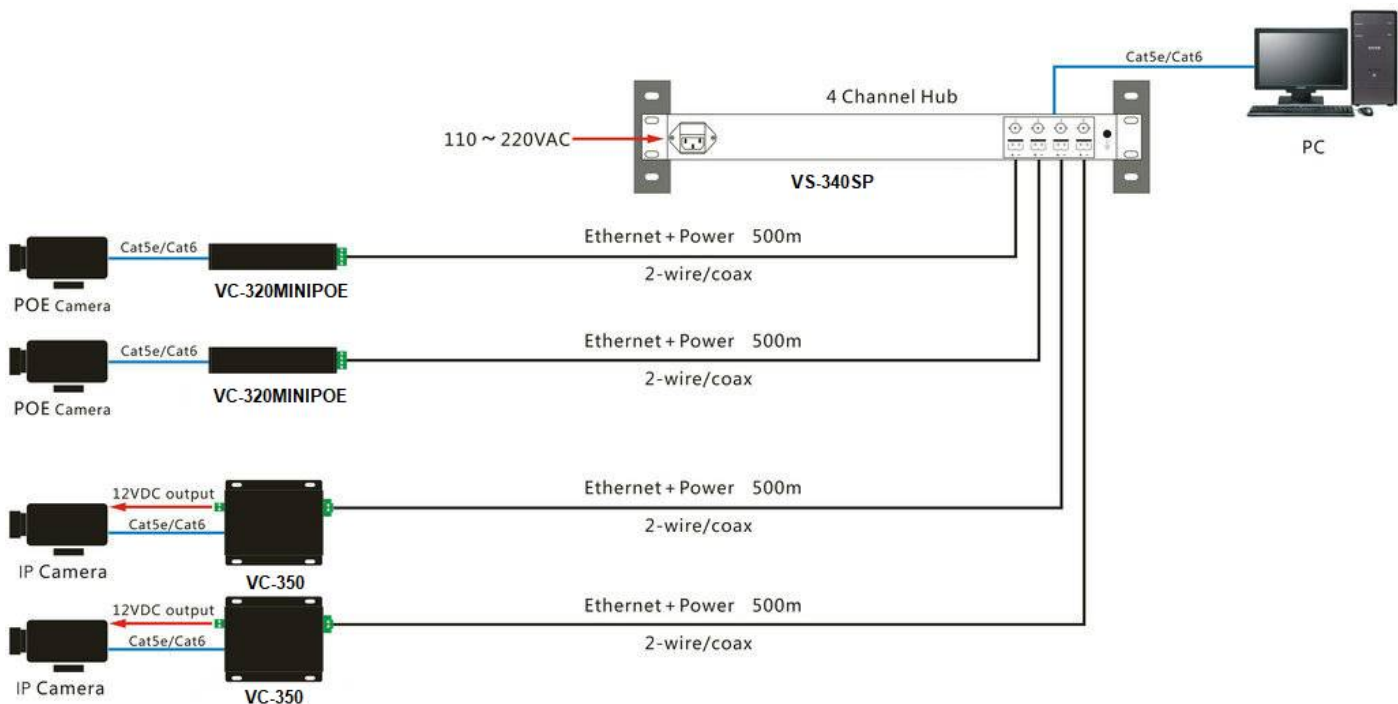
1. Single channel POE Extender (VC-320MINIPOE) can be used together with 4-channel Ethernet and power receiver hub (VS-340SP), provide 110~220VDC for the 4-channel Ethernet and power receiver hub, single POE Extender, POE Camera no need extra power supply.



2. Single channel POE Extender (VC-350) can be used together with 4-channel Ethernet and power receiver hub (VS-340SP), provide 110~220VDC for the 4-channel Ethernet and power receiver hub, single POE Extender can support 12VDC power output for IP Camera, IP Camera no need extra power supply.



3. 4-channel Ethernet and power receiver hub (VS-340SP) can support 4 POE Cameras or 4 IP Cameras or POE and IP Cameras combination configuration at the same time.



## Use Tips

When you use VS-340SP, please follow the below tips as a reference, in order to reduce the fault in the process of using and the inspection work.

1. VS-340SP 4-Channel Ethernet and Power receiver hub can be connected with single channel POE Ethernet Extender VC-320MINIPOE and VC-350, when multiple 4-Channel Ethernet and Power receiver hubs are installed in the same cabinet, must set up master-slave side and be grouped by software, otherwise, the network data won't be able to transmit, set up 4-Channel Ethernet and Power receiver hub as master unit, set front-end single port POE Ethernet Extenders as slaves.
2. Signal transmission cable must be the copper cable. Other material cables will cause the decrease of signal transmission quality and distance.
3. Long distance cable connection must be formal connection methods, such as welding or using connectors.
4. Coaxial cable, twisted-pair cable, telephone line and power line all can be used to transmit network data signal in projects. A variety of cables arbitrary mixed connection also can reduce the quality of signal.
5. Please choose matching power supply **(110~220VAC)**.
6. There is no waterproof design for this product, please make sure it is used in dry environment.
7. If device fails, do not disassemble or repair it by yourself. Please contact us timely.