

16-CH Passive Video/ Power/ Data Hub
Model Number: SJ-VPD-P16

Product Description:

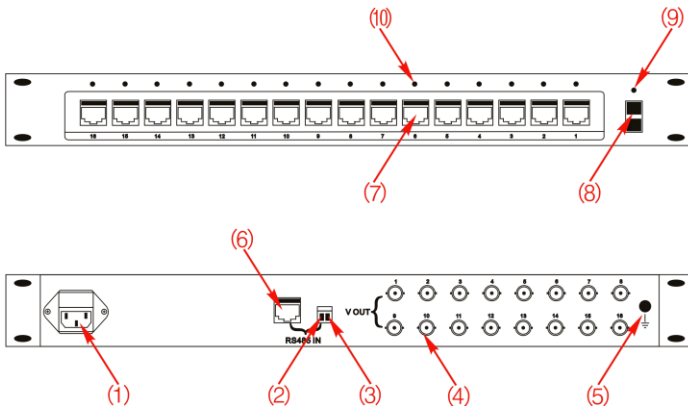
SJ-VPD-P16 can transmit video, power and data signal over a UTP cable at the same time. It is suitable for multi-signal transmission in surveillance projects such as offices, communities, schools, and hospitals, etc. It is very convenient for installation and saves project cost.

Product Feature:

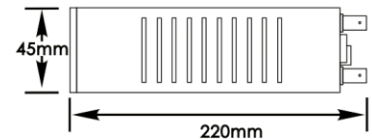
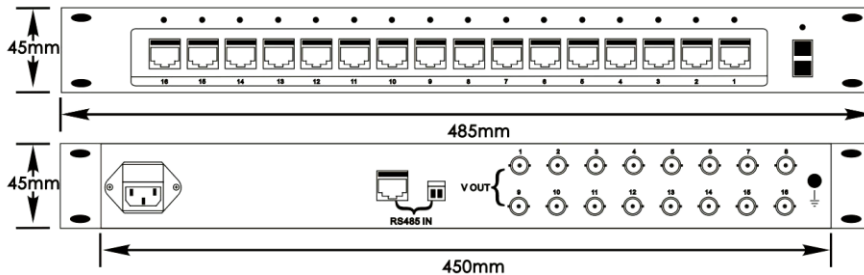
- ◆ Transmission distance of color signal via CAT5 or CAT6
 Transmit power (AC 24V) distance for cameras refer to following power transmission distance table.
 Data signal up to 1200m. Color video signal up to 300m, B/W signal video up to 400m
- ◆ Transmit video/ power/ data signal simultaneously
- ◆ No need to provide power
- ◆ Built-in transient protection
- ◆ Excellent anti-interference ability



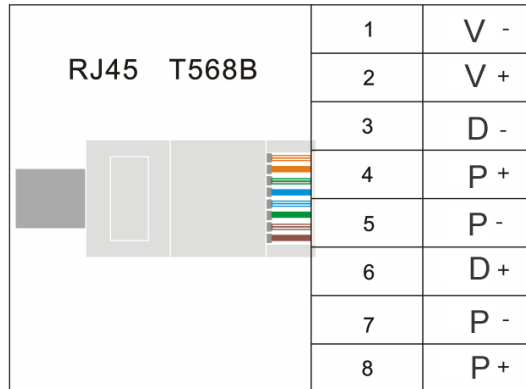
Product Terminal and Dimension Introduction:



- | | |
|---------------------|--------------------------|
| (1) -- Power INPUT | (6) -- Data IN (RJ-45) |
| (2) -- Data IN + | (7) -- Video INPUT |
| (3) -- Data IN - | (8) -- Power Switch |
| (4) -- Video OUTPUT | (9) -- Power Indicator |
| (5) -- GND | (10) -- Signal Indicator |



RJ45 pins:



Product Installation Instructions:

- ◆ Pay much attention to RJ-45 pin description and line order
- ◆ Selected a pair of UTP Cable (must be same color) connect to the transmitter VIDEO +/- port and receiver VIDEO +/- port
- ◆ Connect GND terminal to the ground
- ◆ Power transmission distance table is as follows:

Power Supply Voltage	24VAC	28 VAC	12 VDC
Resultant Camera Voltage	21 VAC	21 VAC	11.5 VAC
100 mA B&W Camera			
CAT5 (24 AWG)	300m (1,000ft)	762m (2,500ft)	53m (175ft)
CAT6 (22 AWG)	457m (1,500ft)	1,219m (4,000ft)	91m (300ft)
300 mA Color Camera			
CAT5 (24 AWG)	107m (350ft)	259m (850ft)	16m (50ft)
CAT6 (22 AWG)	183m (600ft)	427m (1,400ft)	31m (100ft)
1 Amp P/T/Z Camera			
CAT5 (24 AWG)	31m (100ft)	76m (76.2m)	4.6m (15ft)
CAT6 (22 AWG)	46m (150ft)	122m (400ft)	9.1m (30ft)

Product Connection Diagram:

