Video & Power & Data Passive Transceiver
Model Number: SJ-S-VPD
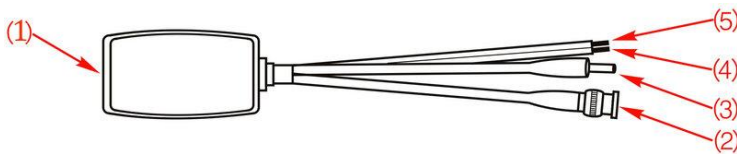
Product Description:

SJ-S-VPD transceiver is able to transmit video, power and data (control signals) through UTP Cable simultaneously. This balun can work in conjunction with other **Ourten** CCTV balun such as the **SJ-VPD-P16** passive video hub.
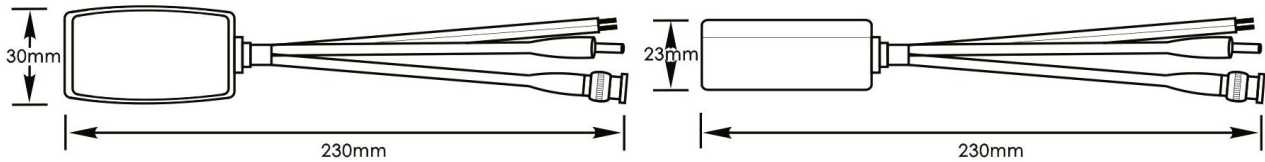
Product Feature:

◆ Transmit video and power (24VAC/ 12VDC) signal through CAT5 cable

◆ Transmit video/ power/ data signal simultaneously

◆ No need to provide power

◆ Built-in transient protection, excellent anti-interference ability
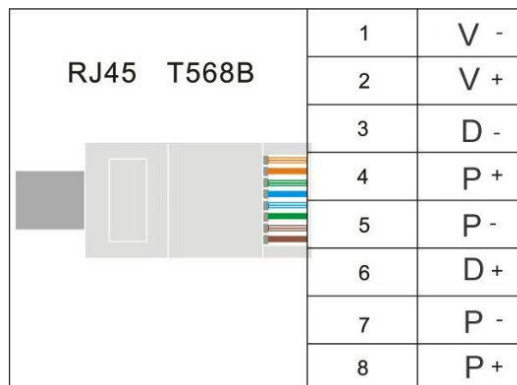
◆ RJ-45 terminal, easy installation

Product Terminal and Dimension Introduction:

(1) -- Power/ Video/Data OUT or IN

(2) -- Video IN or OUT

(3) -- Power IN or OUT

(4) -- Data IN or OUT +

(5) -- Data IN or OUT –

RJ45 pins:

RJ45 T568B	
1	V -
2	V +
3	D -
4	P +
5	P -
6	D +
7	P -
8	P +

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

◆ Power transmission distance table is as follows:

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

Product Connection Diagram: