

Passive Video Balun with Video, Power Connector & Data

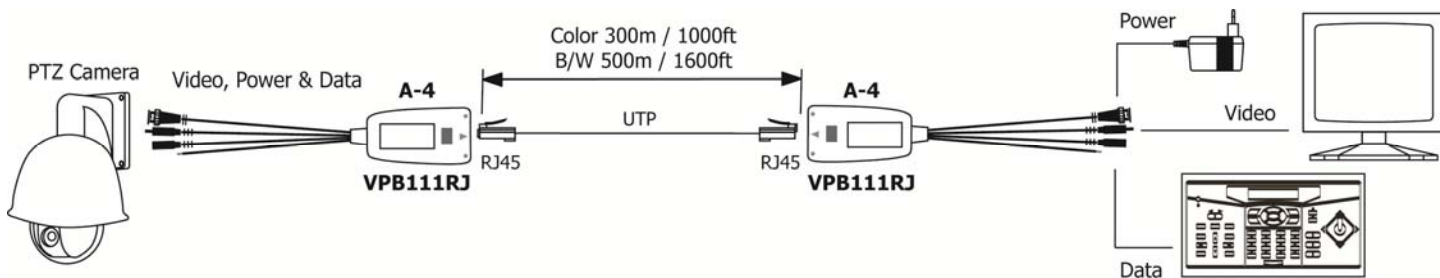
Model: VPB111RJ

Features:

- Transmit a color **video signal** up to 300 m / 1000 ft and B/W video signal up to 500 m / 1600 ft.
- Transmit **power signal** up to 200 m / 600 ft. (Please see Voltage Drop List).
- Transmit **data signal** up to 300 m / 1000 ft.
- BNC male with RJ45 Jack; male and female 12V DC plug on one device.
- Video, camera power, data (RS422, 485) transmission over one standard CAT5 cable.
- Wave Filter Design, Anti-Static Design, IEC 61000-4-2 standard
- Interference Rejection
- ABS Outer Shell



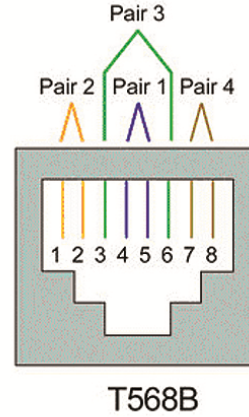
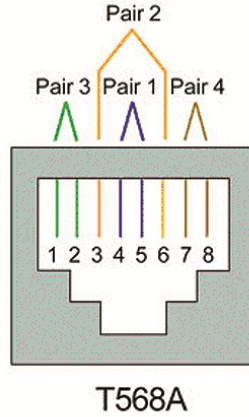
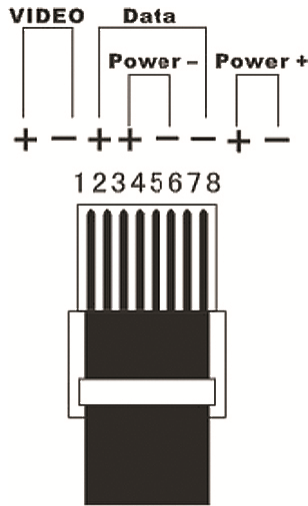
Application Diagram: Please refer to back page for Voltage Drop List



Specification:

Model		VPB111RJ
Video Input / Output		BNC
Surge Protections	Video Output Protection	2kV (common mode), 10/700µs Standard: IEC61000-4-2
	Video Input Protection	2kV (different mode), 2kV (common mode) Standard: IEC61000-4-2
	Video Input Protection for Over Current	100mA
Video Signal		1V p-p, 75 Ohms
Transmission Distance		Video: Color 300 m / 1000 ft ; B/W 500 m / 1600 ft Power: 200 m / 200 ft Data: 300 m / 1000 ft
Cable		UTP / Twisted Pair CAT5 (24AWG)
Data Wire		2 Wire Bare Lead
Lighting Protection		1KV (10/700µs)
Power		No Power Required
Max Current		1.5A
Physical Properties	Dimensions L x W x H	210 x 32 x 21 mm / 8.27 x 1.26 x 0.83 inches
	Weight	56.7 g / 2 oz

*Specifications are subject to change without notice



	1	2	3	4	5	6	7	8
T568A:	White Green	Green	White Orange	Blue	White Blue	Orange	White Brown	Brown
T568B:	White Orange	Orange	White Green	Blue	White Blue	Green	White Brown	Brown

Voltage Drop According to Cable Length (24AWG):

Transmission Distance	Transmission Voltage (12V DC, 0.5A)	Transmission Voltage (12V DC, 1A)	Transmission Voltage (12V DC, 1.5A)
50 m / 160 ft	13.5V	15.5V	17.0V
100 m / 320 ft	15.5V	18.5V	22.0V
150 m / 500 ft	17.0V	22.0V	27.0V
200 m / 650 ft	18.5V	25.5V	32.0V

List of Components:

- One (1) Passive Video Balun with Video, Power Connector & Data
- One (1) User Manual

Caution:

- This device is not waterproof and not to be used outdoors.
- Do not operate the device with wet hands
- If using T568A standard, make sure the other end is matched to T568A
- If using T568B standard, make sure the other end is matched to T568B

