



Passive Video Balun with Video, Power & Data

Model: VBU111RJ

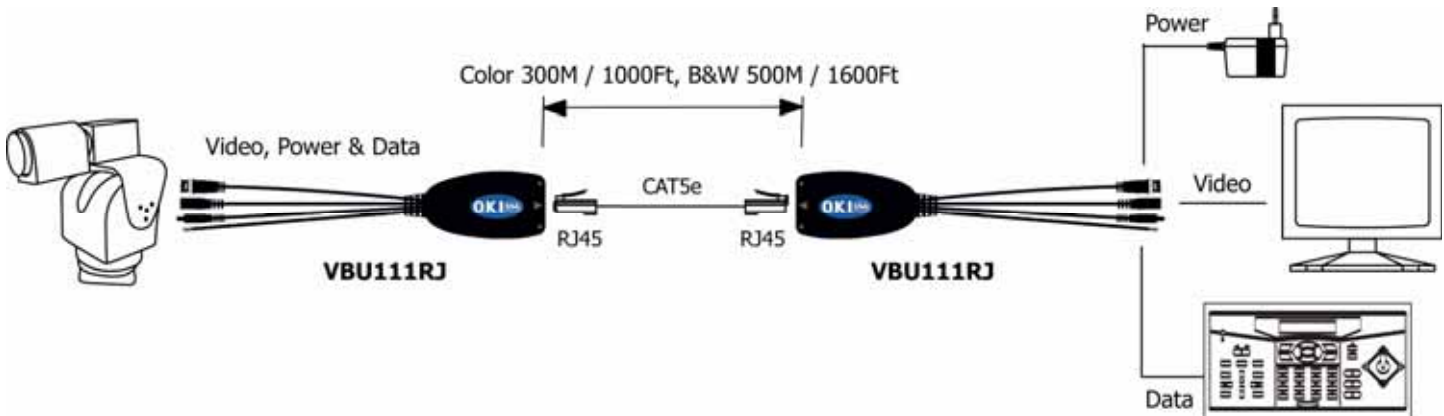


Features:

- Transmit a color **video signal** up to 300M / 1000Ft, and a full motion monochrome (B&W) video signal up to 500M / 1600Ft.
- Transmit **power signal** up to 200M / 600Ft. (Please see Voltage Drop List).
- Transmit **data signal** up to 300M / 1000Ft.
- 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, Confirm to IEC 61000-4-2:1995 Standard
- Interference Rejection
- ABS Outer Shell



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

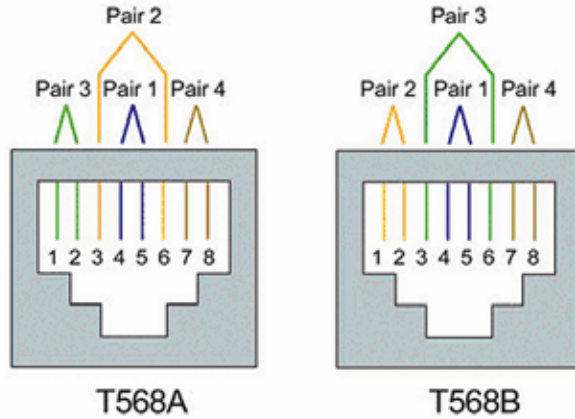
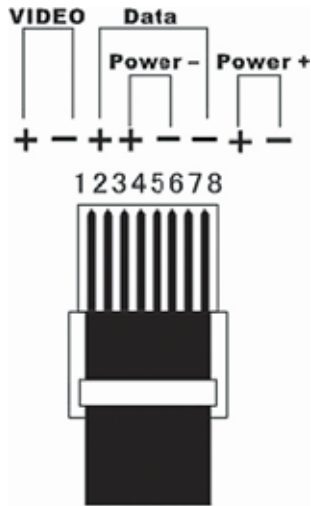


Specification:

Model Number	VBU111RJ
Video Input / Output	BNC
Video Signal	1V p-p, 75 Ohms
Transmission Distance	Video: Color 300M / 1000Ft, B&W 500M / 1600Ft Power: 200M / 600Ft Data: 300M / 1000Ft
Cable	UTP / Twisted Pair CAT5 (24AWG)
Data Wire	2 Wire Bare Lead
Lighting Protection	1KV (10/700us)
Power	No Power Required
Max Current	1.5A

*Specifications are subject to change without notice

FCC CE



	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)
50M / 160Ft	13.5V	15.5V	17.0V
100M / 320Ft	15.5V	18.5V	22.0V
150M / 500Ft	17.0V	22.0V	27.0V
200M / 650Ft	18.5V	25.5V	32.0V

Caution:

- VBU111RJ 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