

# 16 Channel Passive Video Balun Transceiver - 1U

Model: VPB1600TRJ

## Features:

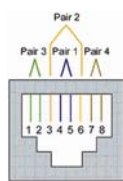
- Built-in 16 channel passive transceivers in 1U rack mounting panel.
- Transmission distance up to 300 m / 1000 ft when working with **Passive transceivers**.
- Transmission distance up to 600 m / 2000 ft when working with **Active receivers or transmitters**.
- Passive; No power required.
- Built-in **TVS** (Transient Voltage Suppressors) for surge protection.
- Panels can reside in the same rack as the other equipment(s), such as switchers, multiplexers, DVR, video conferencing equipment, etc.
- Perfect for larger CCTV installations, and ideal for security monitoring stations.
- Use RJ45 Jack or 16 screw type terminal to connect between units.



Front



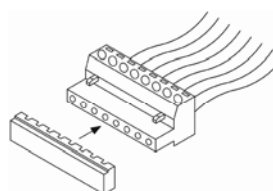
Rear



T568A

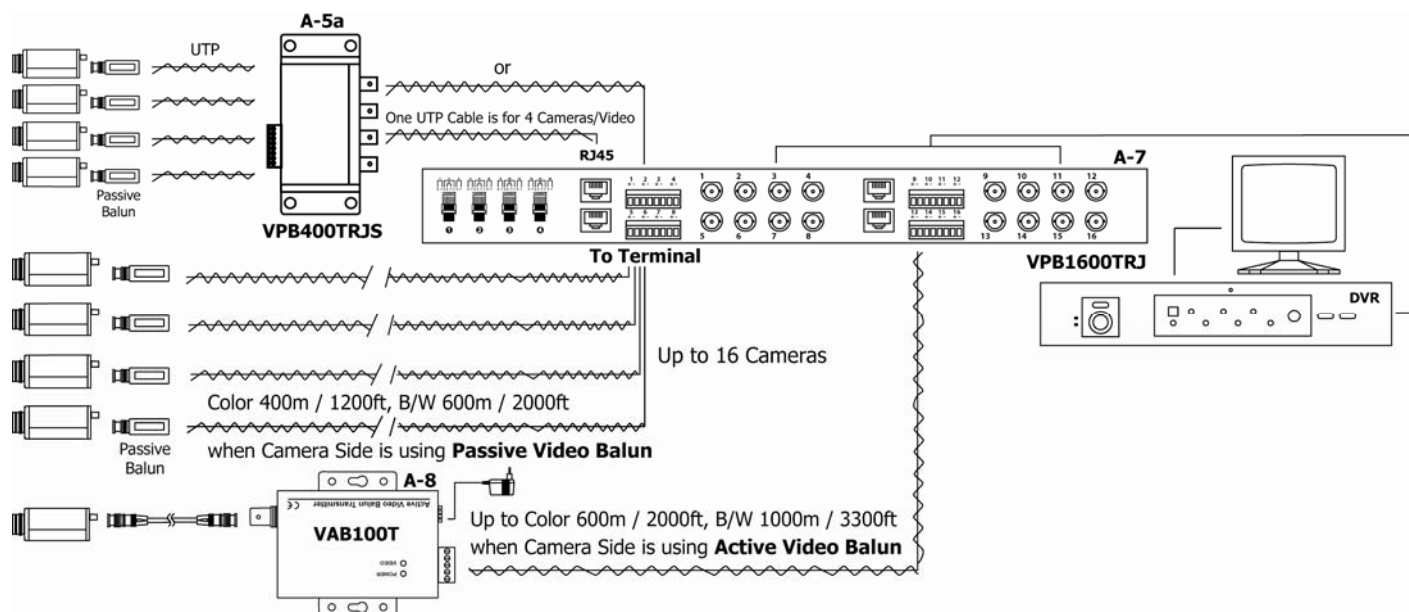
RJ45 Jack

or



Removable Terminal Block

## Application Diagram:



\* Please note the "+" and "-" on the cable and device. If connection is wrong, the picture quality will be unclear.

## Specification:

Model		VPB1600TRJ
Video Transmitting Properties	Supporting Video Mode	All Baseband Signals, including PAL, NTSC, SECAM
	Transmitting Band	0~6MHz Max
	Maximal Transmission Distance	300 m / 1000 ft working with <b>Passive transceivers</b> 600 m / 2000 ft working with <b>Active transmitters</b>
	Attenuation	>60db
Connection Properties	Video Input/Output Connectors	16x Female BNC Resistance 75 Ohms
	Connectors for Transmissions	4x RJ45
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
Stability	MTBF	>50,000h
Physical Properties	Dimensions L x W x H	430 x 100 x 44.5mm / 16.93 x 3.94 x 1.73 inches
	Housing Material	Metal
	Color	Black
	Weight	1250 g / 2.76 lbs
Environment	Operating Temperature	0°C ~ 50°C / 32°F ~ 122°F
	Relative Humidity	0~90%
	Storage Temperature	-40°C ~ 150°C / -40F ~ 302°F

\*Specifications are subject to change without notice

## List of Components:

- One (1) 16-CH Passive Video Balun/Transceiver
- Two (2) Mounting Brackets
- Nine (9) Mounting Screws
- Four (4) Rubber Feet
- One (1) User Manual

## Caution:

- Do not connect this device to any power source.
- Do not handle the unit with wet hands.
- The unit is not waterproof and should not be used outdoors.

