

# Space Saving Screw Terminal Baluns



## 8 Channel Passive CCTV Balun Gem Part Number TRB-8BNCSTRJ45

The TRB-8BNCSTRJ45 is an 8 Channel Transceiver Box. It converts 8 coax lines, BNC Jacks, to 2 Sets of Screw Terminal Blocks and/or 2 RJ45 Jacks.

Video Only.

External dimension: 157mm\*65mm\*29mm  
(excluding connectors)

### Features:

- Small compact unit where space is a concern.
- CCTV video at distances up to 330 meters when used with another passive CCTV Balun
- Up to 1500 meters when used with an active video receiver
- No power required
- Built-in transient suppression protection

### Technical Specifications:

- Frequency response: DC-8MHZ
- CMRR (Common Mode Rejection Ratio): 60DB
- Impedance: BNC: 75Ω - RJ45: 100Ω
- Working temperature: -10° — 70°
- Storage temperature: -30° — 70°
- Applicable to NTSC, PAL, SECAM and CCIR systems

External dimension: 157mm\*65mm\*29mm  
(excluding connectors)

### Type of the required wire: Unshielded Cat-5 or better

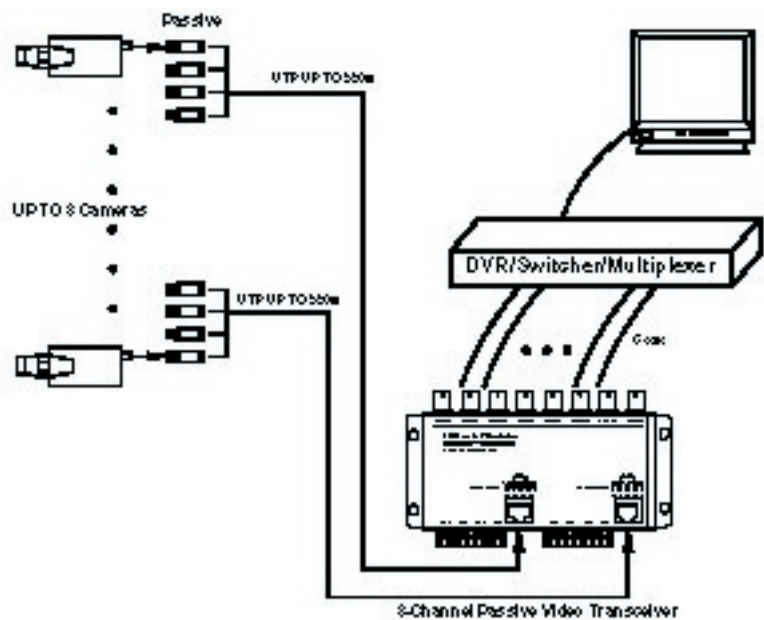
Characteristic impedance: 100Ω ± 20Ω  
DC loop resistance: 18Ω/100m  
Differential capacitance: 62pf/m (Maximum)

### Connection method

RJ45 pinout (shown) 568B configuration

FIN	COLOR
1	W-O
2	W
3	W-G
4	BL
5	W-BL
6	G
7	W-BR
8	BR

### Application Diagram



## 16 Channel Passive CCTV Balun Gem Part Number TRB-16BNCST

The TRB-16BNCST is a 16 Channel Transceiver Box. It converts 16 coax lines, BNC Jacks, to Screw Terminal Blocks. Video Only.

External dimension: 204mm(L) x 103mm(W) x 49mm(H)  
(excluding connectors)



# Space Saving Screw Terminal Baluns



## 4 Channel Passive CCTV Balun Gem Part Number TRB-4BNCSTRJ45

The TRB-4BNCSTRJ45 is a 4 Channel Tranceiver Box. It converts 4 coax lines, BNC Jacks, to a Screw Terminal Block and/or 1 RJ45 Jack.

105mm x 55mm x 29mm (excluding connectors)

## Single Pair CCTV Balun Gem Part Number BLN-MTL2, ship as pair

