

# VT-TR4VPK

Video & Power Balun Transmitter/Receiver pair  
for TVI/AHD/CVI for distances up to 1400'



**NOW SUPPORTING UP  
TO 5MP HDA CAMERAS  
(TVI & AHD - 4MP CVI)!**

## FEATURES:

- Compatible with all HD-TVI/AHD/CVI analog cameras
- Video & Power Transmission
- Built-in TVS (Transient Voltage Suppressor) for surge protection
- Wave Filter Design, Anti-Static Design
- Lightning protection design Grade: III
- 60dB crosstalk and noise immunity
- Exceptional interference rejection



## Transmission Distance Using HD-TVI, AHD, and HD-CVI:

HD-TVI Power Transmission Distance (720p/1080p)				
Input Voltage	12VDC	15VDC	18VDC	24VDC
Output Voltage	9.8VDC	9.8VDC	9.8VDC	9.8VDC
200mA Camera	490ft	885ft	885ft	885ft
300mA Camera	325ft	720ft	885ft	885ft
400mA Camera	245ft	260ft	885ft	885ft
500mA Camera	160ft	425ft	785ft	885ft
600mA Camera	130ft	390ft	655ft	885ft
800mA Camera	95ft	295ft	490ft	850ft
1000mA Camera	65ft	195ft	415ft	720ft

AHD Power Transmission Distance (720p/960p)				
Input Voltage	12VDC	15VDC	18VDC	24VDC
Output Voltage	10.2VDC	10.2VDC	10.2VDC	10.2VDC
200mA Camera	390ft	1145ft	1180ft	1145ft
300mA Camera	260ft	655ft	1180ft	1145ft
400mA Camera	160ft	520ft	820ft	1145ft
500mA Camera	130ft	420ft	655ft	1145ft
600mA Camera	95ft	325ft	520ft	1145ft
800mA Camera	95ft	260ft	410ft	785ft
1000mA Camera	95ft	180ft	325ft	635ft

HD-CVI Power Transmission Distance (720p)				
Input Voltage	12VDC	15VDC	18VDC	24VDC
Output Voltage	5.7VDC	5.5VDC	5.5VDC	5.5VDC
200mA Camera	1475ft	1475ft	1555ft	1475ft
300mA Camera	1030ft	1475ft	1555ft	1475ft
400mA Camera	755ft	1145ft	1555ft	1475ft
500mA Camera	590ft	590ft	1210ft	1475ft
600mA Camera	455ft	885ft	965ft	1475ft
800mA Camera	360ft	520ft	885ft	1130ft
1000mA Camera	275ft	410ft	555ft	865ft

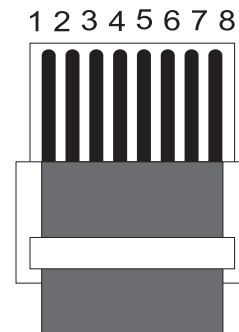
HD-TVI Power Transmission Distance (720p/1080p)				
Input Voltage	12VDC	15VDC	18VDC	24VDC
Output Voltage	8.8VDC	8.8VDC	8.8VDC	8.8VDC
200mA Camera	590ft	820ft	820ft	820ft
300mA Camera	490ft	820ft	820ft	820ft
400mA Camera	375ft	720ft	820ft	820ft
500mA Camera	295ft	555ft	820ft	820ft
600mA Camera	195ft	455ft	685ft	820ft
800mA Camera	130ft	360ft	520ft	820ft
1000mA Camera	95ft	275ft	425ft	720ft

### Video Transmission Distance:

Max Distance	Technology	Resolution
1400ft	HD-CVI	720P
720ft	HD-CVI	1080P
680ft	HD-TVI	720P
750ft	HD-TVI	1080P
980ft	AHD	720P
780ft	AHD	960P
720ft	AHD	1080P

### Wiring Configuration (T-568B):

Wire	Pin #	Configuration
Orange/White	1	Video (+)
Orange	2	Video (-)
Green/White	3	Power (-)
Blue	4	Power (-)
Blue/White	5	Power (-)
Green	6	Power (+)
Brown/White	7	Power (+)
Brown	8	Power (+)



Note: 1. The transmitter and receiver must use the same wiring. 2. The above data is the result of laboratory testing; actual distance will depend on the camera's inrush and operating current, minimum operating voltage, wire quality and environmental factors. 3. If you adjust saturation of DVR, video transmission distance may be extended. (HD-CVI 720P: max up to 1542ft (470m)) 4. If chromatic aberration occurs within 30 meters, please adjust saturation. The picture will recover automatically. (only for HD-CVI 1080P)

