

### Standard & HD Power Video Balun

Power / Video Baluns

Single channel passive transceiver

Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC).

Power Input & Surge Protection LED Light,

Standard Video distance over 2250 ft

Reduced Video distances when using CVI, TVI, MPX technology.

Color HD video HD-CVI/TVI/MPX 720P up 75M / 250ft

Color HD video HD-CVI/TVI/MPX 1080P up 50M / 160ft

Power Distance dependent on input voltage and voltage



AZBLN217



AZBLN219



AZBLN218

- 4ch Balun
- 3ft Power leads
- 3ft Video leads

### AZBLN217 POWER VIDEO BALUN



## AZBLN217

**Passive Video and Power Transceiver,**  
1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC  
RMS/DC). Power Input & Surge Protection LED Light,  
Video distance over 2250 ft, Power Distance  
dependent on input voltage and voltage drop. (PAIR)

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



## HD Video Balun

Press-Fit terminal connection

Single channel passive transceiver

Color HD video HD-CVI/TVI/MPX 720P up 300M / 1000ft

Color HD video HD-CVI/TVI/MPX 1080P up 200M / 650ft

Color HD video AHD 720P/960P up 200M / 650ft

Longer distances can be achieved when using with active transmitter

Built in TVS surge protection



AZBLN220HD



AZBLN221HD

[www.azcotechnologies.com](http://www.azcotechnologies.com)

### AZBLN219

**Passive Video and Power Transceiver**, 1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)



### AZBLN216

**Passive Video and Power and Control Signal Transceiver**, 1CH, Voltage: 12V~36V 1.5A surge protection. Power Input & Surge Protection INDICATED LED Lights, Video distance over 1000ft, Power Distance dependant on input voltage and voltage drop. (PAIR)



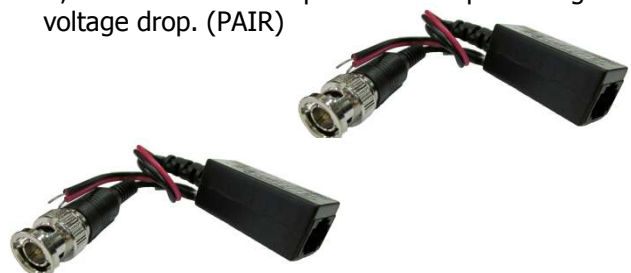
### AZBLN213A

1 channel Video/Power /Audio Transmits up to 500ft (A PAIR)  
Interference Rejection with Built-in Protection  
Lowers Cabling Costs.



### AZBLN217

**Passive Video and Power Transceiver**, 1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)

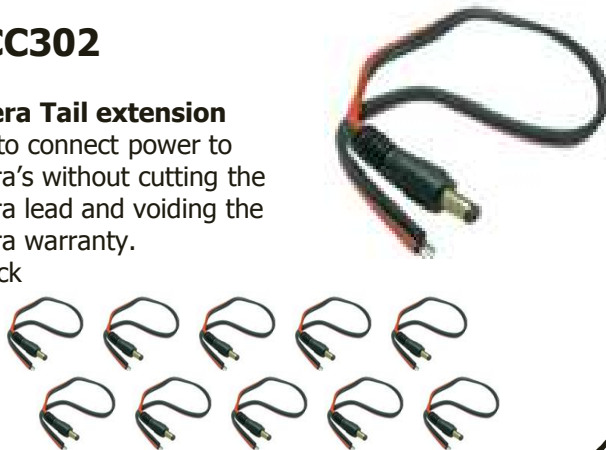


### AZCC302

#### Camera Tail extension

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty.

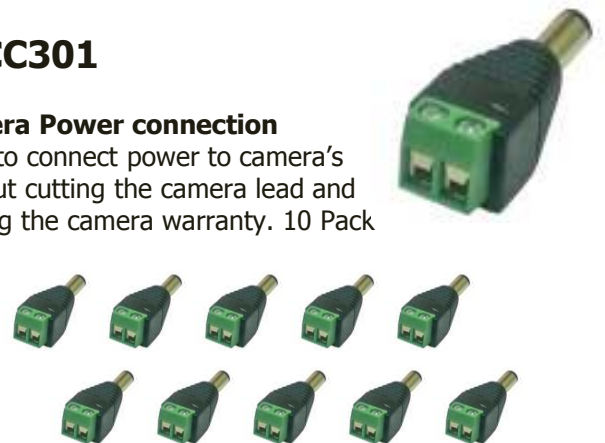
10 Pack



### AZCC301

#### Camera Power connection

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty. 10 Pack







### AZBLN210

1 Ch Passive Video Transmitter 1500FT  
Video Transmission via UTP CAT5 Cable  
10-20% wire costs saved  
Premium High Quality Coil  
Outstanding interference rejection and  
transient protection  
Male BNC allows connection directly to  
the camera or DVR  
No power required  
Sold in Pair

### AZBLN214

1 Ch Passive Video Transmitter  
1500FT one with Pigtail & one mini  
without.  
Video Transmission via UTP CAT5  
Cable  
10-20% wire costs saved  
Premium High Quality Coil  
Outstanding interference rejection  
and transient protection  
Male BNC allows connection directly  
to the camera or DVR  
No power required  
Sold in Pair



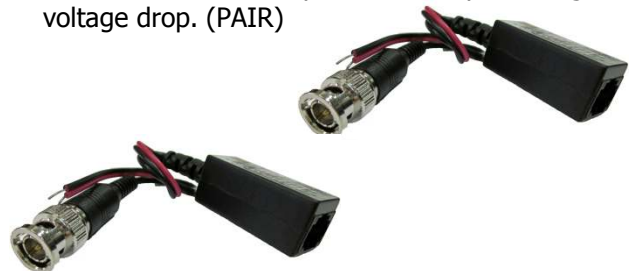
### AZBLN302UL

1 Ch Passive Video Transmitter 1250FT  
Video Transmission via UTP CAT5 No  
power required  
Sold in Pair



### AZBLN217

**Passive Video and Power Transceiver**, 1CH, Voltage:  
12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input  
& Surge Protection LED Light, Video distance over 2250  
ft, Power Distance dependent on input voltage and  
voltage drop. (PAIR)



### AZCORD 6ft Cord end



### AZUSB

USB 2.0 Extender over Cat5e  
No power required  
Sold in Pair



### AZBLN201



1 Ch Passive Video Transmitter 1000FT  
Video Transmission via UTP CAT5 Cable  
10-20% wire costs saved  
Full-Motion CCTV Video at distances up  
to 1000FT(300m)  
Outstanding interference rejection and  
transient protection  
Male BNC allows connection directly to  
the camera or DVR  
No power required  
Sold in Pair

### AZBLN202



1 Ch Passive Video Transmitter 1000FT  
with Pigtail  
Video Transmission via UTP CAT5 Cable  
10-20% wire costs saved  
Full-Motion CCTV Video at distances up to  
1000FT(300m)  
Outstanding interference rejection and  
transient protection  
Male BNC allows connection directly to the  
camera or DVR  
No power required  
Sold in Pair

### AZBLN203



1 Ch Passive Video Transmitter 1000FT  
Video Transmission via UTP CAT5 Cable  
10-20% wire costs saved  
Full-Motion CCTV Video at distances up  
to 1000FT(300m)  
Outstanding interference rejection and  
transient protection  
Male BNC allows connection directly to  
the camera or DVR  
No power required  
Sold in Pair

### AZBLN204



1 Ch Passive Video Transmitter 1000FT  
one with Pigtail & one mini without.  
Video Transmission via UTP CAT5 Cable  
10-20% wire costs saved  
Full-Motion CCTV Video at distances up to  
1000FT(300m)  
Outstanding interference rejection and  
transient protection  
Male BNC allows connection directly to the  
camera ( Mini Unit ) or DVR ( Pigtail Unit )  
No power required  
Sold in Pair

### AZBLN205



1 Ch Passive Video Transmitter 2000FT  
with Pigtail  
Video Transmission via UTP CAT5 Cable  
10-20% wire costs saved  
Full-Motion CCTV Video at distances up to  
2000FT(600m)  
Outstanding interference rejection and  
transient protection  
Male BNC allows connection directly to the  
camera or DVR  
No power required  
Tool-less installation  
Sold in Pair

### AZBLNGL

Ground Loop Isolator to solve electrical differences in the  
ground from two different areas (Commonly seen as a roll  
in the picture and or thick black bar.) Unit has built in  
TVS.



### AZBLNP1016

The 16 Channel Passive Transceiver Box. It converts 16 coax lines, BNC Jacks, to Screw Terminal Blocks. Cat5e, Video Only. Differential Capacitance: 62pf/m (maximum)



### AZBLN-101A/AT

The 1 Channel Active Transceiver Box. It converts 1 coax line, BNC Jacks, to Screw Terminal Block. Cat5e, Video Only. Transmission distance of up to 4000ft.



### AZBLNP108

The 8 Channel Passive Transceiver Box. It converts 8 coax lines, BNC Jacks, to Screw Terminal Blocks and or 2 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



#### Technical Specifications:

Frequency response: DC-8MHz  
Impedance: BNC 75 Ohm - RJ45 100 Ohm  
CMRR (Common Mode Rejection Ratio): 60Db  
Working Temp.: -10°-70° Storage Temp.: -30°-70°

### AZBLNP108C

The 8 Channel Passive Transceiver Box with leads. It converts 8 coax lines, BNC Jacks, to Screw Terminal Blocks and or 2 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



#### Technical Specifications:

Frequency response: DC-8MHz  
Impedance: BNC 75 Ohm - RJ45 100 Ohm  
CMRR (Common Mode Rejection Ratio): 60Db  
Working Temp.: -10°-70° Storage Temp.: -30°-70°

### AZBLNP104

The 4 Channel Passive Transceiver Box. It converts 4 coax lines, BNC Jacks, to Screw Terminal Blocks or 1 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



#### Technical Specifications:

Frequency response: DC-8MHz  
Impedance: BNC 75 Ohm - RJ45 100 Ohm  
CMRR (Common Mode Rejection Ratio): 60Db  
Working Temp.: -10°-70° Storage Temp.: -30°-70°

### AZBLNP104C

The 4 Channel Passive Transceiver Box with leads. It converts 4 coax lines, BNC Jacks, to Screw Terminal Blocks and or 1 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



#### Technical Specifications:

Frequency response: DC-8MHz  
Impedance: BNC 75 Ohm - RJ45 100 Ohm  
CMRR (Common Mode Rejection Ratio): 60Db  
Working Temp.: -10°-70° Storage Temp.: -30°-70°



**AZPBNC-06**  
6ft BNC Patch Cord



**AZPBNC-03**  
3ft BNC Patch Cord



**AZPBNC-01**  
1ft BNC Patch Cord



**AZVD1x4**  
1 Input 4 Output Video Distributor  
BNC Connections  
Power supply included



### AZACDC

These devices are great for long distance power, simply run the standard 24vAC power over the CAT5 cable and convert back to 12vDC at the end of the run. This solves problems with variable voltage on IR and mechanical cameras. The converter will take anywhere from 18vAC - 28vAC this allows for a much larger voltage drop and the ability to maintain your 12vDC power.

Input Voltage: 20-28vAC  
Output Voltage: 12vDC  $\pm$  2%  
Output Current : 1.5A  
1 port, 1.5A output current  
Output short circuit protect  
Overload protect



**AZVD1x8**  
1 Input 8 Output Video Distributor  
BNC Connections  
Power supply included





### AZCC302

#### Camera Tail extension

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty.

10 Pack



### AZCC301

#### Camera Power connection

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty. 10 Pack



### AZCC303

#### Power connection

Used to connect power to Camera Tail extension. 10 Pack



### AZCC304

#### Camera Power connection

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty. 10 Pack



### AZPD1x9

power distribution box make it simple to supply multiple CCTV cameras or other security devices with separate auto-reset, PTC-fused\* power. It provided 9 PTC fused outputs and individual status LEDs, as well as surge protection. Individually protected PTC\*-type output. 1.1Amps@250VAC.

Individual status LED indicators.

Surge protected outputs.

Supports up to 1-30VAC/VDC

Dimension: 138x84x28mm



### AZPS08 – power supply 12v 1.5amp, North American Plug, cUL





## AZPS4CH1

### 4 Channel Power Supply

This is a quick and cost effective solution for supplying 4 cameras with power. 12-13.8 VDC  
Adjustable voltage for longer cable runs. Power LED indicator light. 5 amp.

- LED indication lamp
- Built in PTC Fuse
- 4 Terminal Blocks
- Adjustable Voltage
- 4 CH
- Compact size



Use with AZBLN217 Baluns

## AZBLN217

### Passive Video and Power Transceiver,

1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)



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)
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150M / 500Ft	17.0V	22.0V	27.0V
200M / 650Ft	18.5V	25.5V	32.0V

## AZPS4CH-UPS

### 4 Channel Power Supply / UPS

This is a quick and cost effective solution for supplying 4 cameras with power. 12-13.8 VDC

Adjustable voltage for longer cable runs. Power LED indicator light. 5 amp.

- LED indication lamp
- Built in PTC Fuse
- 4 Terminal Blocks
- Adjustable Voltage
- 4 CH
- Compact size
- Battery not included



Use with AZBLN217, AZBLN218, AZBLN219 Baluns

## AZBLN217

### Passive Video and Power Transceiver,

1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)



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200M / 650Ft	18.5V	25.5V	32.0V