

# BNC Transceivers



- Easy installation, using the standard UTP cable system.
- Male BNC allows connection directly to the camera or DVR.
- Support all video devices, such as camera, monitor, DVR card and recorder, etc.
- Using UTP cable (CAT 5, RJ45) to transmit video, audio signal instead of coaxial.
- Reduce installation cost. UTP cables physically smaller than coax alternatives, with more cameras.
- Through a smaller diameter, extremely easy to install and terminate.
- Better EMI and RFI interference rejection than coaxial cable.

## Brief Introduction

The series of Video BALUN is passive video transceiver that mainly uses for solving the signal interference problem caused by potential source of interference. This device features super lightning protection and can be used for security monitoring system. It is compatible with all HDTVI, HDCVI and AHD analog camera.

The series of Video BALUN is both a transmitter and receiver featuring long transmission distance, good transmission effect and super interference rejection. It is widely used in various complex environments to prevent from interference. Compared with traditional audio and video transmission products. It can greatly reduce the cost and improve the performance.

## Specifications

Model		ZK-CF200	ZK-CF500	ZK-CF800
Video	Transmission Signal	1080P HD Passive Balun	5MP HD Passive Balun	8MP HD Passive Balun
	Compatible Format	AHD/ HDCVI/ HDTVI/CVBS Analog	AHD/ HDCVI/ HDTVI/CVBS Analog	AHD/ HDCVI/ HDTVI/CVBS Analog
	Resolution	720p/1080P	720P/1080P/5MP	720P/1080P/5MP/8MP
	Max. Distance 720p	400M	400M	400M
	Max. Distance 1080p	250M	250M	250M
	Max. Distance 5MP	/	200M	200M
	Max. Distance 8MP	/	/	150M
	Video Format	PAL, NTSC, SECAM	PAL, NTSC, SECAM	PAL, NTSC, SECAM
	Operating Frequency	DC to 42MHz	DC to 60MHz	DC to 60MHz
	Anti-interference	> 60dB		
	Impedance	BNC: 75 unbalanced UTP: 100 balanced		
	Attenuation	1.5 dB		

Wire Type	Network Wiring	One Unshielded Twisted Pair 24-16 AWG (0.5-1.31mm)
	Category Type	2-pins UTP cat5e/6
	Coaxial Video Connector	Male BNC connector push pin terminal
Impedance	BNC Male	75 Ohms
	UTP Cable	100 Ohms
Protection	Surge Protection	Renewable solid state surge protection
	ESD	IEC61000-4-2
General	Housing	ABS engineering plastic
	Power Input	No external power required
	Body Color	Black
	Operating Temperature	-10~70°C
	Relative Humidity	0-95% (non-condensing)

Model		ZK-DE502	ZK-DF802
Video	Transmission Signal	5MP HD Passive Balun with Audio input	8MP HD Passive Balun with Audio input
	Compatible Format	AHD/ HDCVI/ HDTVI/CVBS Analog	AHD/ HDCVI/ HDTVI/CVBS Analog
	Resolution	720p/1080P	720P/1080P/5MP
	Max. Distance 720p	400M	400M
	Max. Distance 1080p	250M	250M
	Max. Distance 5MP	200M	200M
	Max. Distance 8MP	/	150M
	Video Format	PAL, NTSC, SECAM	
	Operating Frequency	DC to 60MHz	
	Anti-interference	> 60dB	
	Impedance	BNC: 75 unbalanced UTP: 100 balanced	
	Attenuation	1.5 dB	
Wire Type	Network Wiring	One Unshielded Twisted Pair 24-16 AWG (0.5-1.31mm)	
	Category Type	2-pins UTP cat5e/6	
	Coaxial Video Connector	Male BNC connector push pin terminal	
Impedance	BNC Male	75 Ohms	
	UTP Cable	100 Ohms	
Protection	Surge Protection	Renewable solid state surge protection	
	ESD	IEC61000-4-2	
General	Housing	ABS engineering plastic	
	Power Input	DC 12V	
	Body Color	Black	
	Operating Temperature	-10~70°C	
	Relative Humidity	0-95% (non-condensing)	

