

Single Channel AHD/CVI/TVI HD Passive BNC to RJ45 Converter /Video Balun

Overview

The HD BALUN is a single channel 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.

HD BALUN is compatible with all HD-TVI, HD-CVI and AHD analog camera.

The HD 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.

Video signals can coexist in the same wire bundle as telephone, network or low-voltages power circuits. It is very economical and convenient to environment. Compared with traditional audio and video transmission products, the HD BALUN greatly reduces the cost and improves the performance.

Features

Compatible with all HD-TVI, HD-CVI, AHD & CVBS analog cameras

Real-time transmission over UTP cat5e/6

Push pin terminal connection; 2-pins for UTP cat5e/6

No power required

NTSC, PAL & SECAM video format compatible

Color video max up to 300m(984ft) for AHD 720P camera

Color video max up to 240m(787ft) for AHD 960P camera

Color video max up to 220m(721ft) for AHD 1080P camera

Color video max up to 300m(984ft) for HD-CVI 720P camera

Color video max up to 220m(721ft) for HD-CVI 1080P camera

Color video max up to 190m(623ft) for TVI 1080P camera

	Model	B208C
Video	Transmission Signal	Single Channel HD Passive Balun
	Compatible Format	AHD/ HDCVI/ HDTV/ CVBS Analog
	Resolution	720p/1080p
	Max. Distance 720p	AHD/CVI 300M, TVI 190M
	Max. Distance 1080p	AHD/CVI 220M, TVI 190M
	Video Format	PAL,NTSC,SECAM
	Operating Frequency	DC to 42MHz
	Anti-interference	> 60dB
	Impedance	Coax, Male BNC 75 unbalanced UTP, screw terminal 100 balanced
	Attenuation	1.5 dB typ Max.
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 screw terminal/Push pin terminal
	DC Loop Resistance	52 ohms per 1000ft(18ohms per 100m)
	Differential Capacitance	19 pF/ft max (62 pF/m max)
Impedance	BNC Male	75 Ohms
	UTP Cable	100 Ohms
Protection	Surge Protection	Renewable solid state surge protection
	ESD	1a contact discharge electricity level 3 per IEC61000-4-2
		1b air discharge electricity level 3 per IEC61000-4-2
	Coaxial Video Connector	2KV (common mode) per IEC6100-4-5
	UTP Cable Connector	2KV (different code), 4KV (common code) per IEC6100-4-5
General	Housing	ABS engineering plastic
	Power Input	No external power required
	Body Color	Black
	Dimensions(L*W*H)	13.7*11.6*3mm
	Net Weight	60g
	MTBF	> 10000H
	Operating Temperature	-10°C~55°C
Relative Humidity	0-95% (non-condensing)	