

HD Passive Video Balun (Terminal Type) for HD-TVI / HDCVI / AHD / CVBS Cameras - Camera and Monitor Side

Part: HDB-P-100



The HDB-P-100 is a passive video balun that lets installers run UTP cable instead of coaxial cables for HD or CVBS analog installations. The balun is compatible with HD-TVI, HDCVI, AHD, and conventional CVBS security cameras.

Maximum Cable Distances

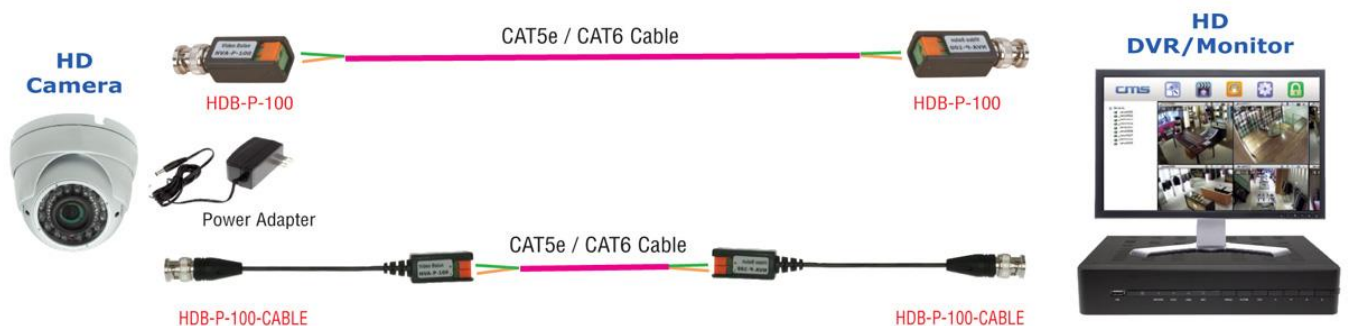
- HD-TVI - Up to 250m (820 feet) at 720p / 1080p
- HDCVI - Up to 400m (1312 feet) at 720p, Up to 250m (820 feet) at 1080p
- AHD - Up to 350m (1148 feet) at 720p, Up to 200m (656 feet) at 1080p
- CVBS - Up to 305m (1000 feet) at 960H

Features

- Passive HD video balun
- Compatible with HD-TVI / HDCVI / AHD / CVBS cameras
- Camera or Monitor side
- No power transmission, video only
- Push-Terminal type connection
- BNC male

Typical Application

Video Only



Video Distance Chart

	720P	1080P
HD CVI	400m / 1312ft	250m / 820ft
HD TVI	250m / 820ft	250m / 820ft
AHD	350m / 1148ft	200m / 656ft

Properties

Transmission Signal	1 channel
Transmission Distance	HDCVI: 720P: 400m / 1080P: 250m HDTVI: 720P: 250m / 1080P: 250m AHD: 720P: 350m / 1080P: 200m
Category Type	UTP CAT5e / 6

Video Transmission Properties and Port

Coaxial Video Connector	BNC Male
Twisted-Pair Video Connector	Push-Terminal
Compatible Format	HDCVI / HDTVI / AHD
Resolution	720P / 1080P (Depending on camera's resolution)
Anti-interference	>60db

Protection

ESD	1a) contact discharge electricity level 3 1b) air discharge electricity level 3 Per: IEC61000-4-2
Coaxial Cable Connector	2KV (common-code) Per: IEC1000-4-5
UTP Cable Connector	2KV (different-code), 4KV (common-code) Per: IEC1000-4-5

Impedance

BNC Male	75Ω
UTP Cable	100Ω

Stability

MTBF	>10000H
-------------	---------

Environmental

Operating Temperature	-10 - +55°C
Storage Temperature	-20 - +70°C
Humidity	0-95% (non-condensing)

