

VB12-4K



- > No power required, simplified project wiring
- > Compatible with HDCVI/ HDTV/ AHD
- > Transmission distance (over Cat 5E/6):
 HDCVI 720P: 400M/1080P: 250M; **4MP: 200M; 4K/8MP: 200M(Max)**
 HDTV 720P/1080P: 250M; **5MP: 200M; 4K/8MP: 150M(Max)**
 AHD 720P: 350M/1080P: 200M; **5MP: 200M; 4K/8MP: 150M(Max)**
- > Plug and play, real-time transmit CCTV HD video signal, video is high quality and stable
- > Anti-interference, super lightning protection, ESD
- > ABS outer shell, convenient to use in intensive project
- > Screw-terminal with pigtail, easier for installation
- > Side-by-Side Interlocking for tidy cable management



Description

VB12-4K video balun is a passive (non-amplified) device that allows the transmission of real-time CCTV HD video signal via cost-effective Unshielded Twisted Paired (UTP) cable. The VB12-4K is compatible with all HD-TVI, HD-CVI, AHD and CVBS analog cameras.

It has a mini-coax pigtail lead which allows quick mounting onto fixed cameras, allows in-camera mounting in most dome cameras and allows flexible connection with DVR. Screw-pin terminal block allows easy connection of UTP cable output. Used in pairs, VB12-4K eliminates costly and bulky coaxial cable.

The superior interference rejection and low emissions of the VB12-4K allow video signals to coexist in the same wire bundle as telephone, datacom, or damaging voltage spikes. Its crosstalk and noise immunity ensure quality video signals. Widely used in security, teaching industry and other complex system environment.

Advantages

- > Mini size, Screw-terminal with pigtail, easier for installation
- > Economical type

Specifications

Transmission Signal: 1 channel

Transmission Distance: > HDCVI 720P: 400M/1080P: 250M; **4MP: 200M; 4K/8MP: 200M(Max)**
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Category Type: UTP CAT5/5E/6

Twisted-pair Video Connector: BNC-M

Compatible Format: HDCVI/HDTV/AHD/CVBS

Resolution: 720P/1080P/3MP/4MP/5MP/4K(8MP)

Ant-interference: >60db

ESD:

- > 1a contact discharge electricity level3
- > 1b air discharge electricity level3
- > Per: IEC61000-4-2

Coaxial Cable Connector: 2KV(common-code)
Per: IEC1000-4-5

BNC Male: 75 ohms

UTP Cable: 100 ohms

UTP Cable Connector: 2KV(different-code)
4KV(common-code),
Per: IEC1000-4-5

Shell: ABS

Color: Black

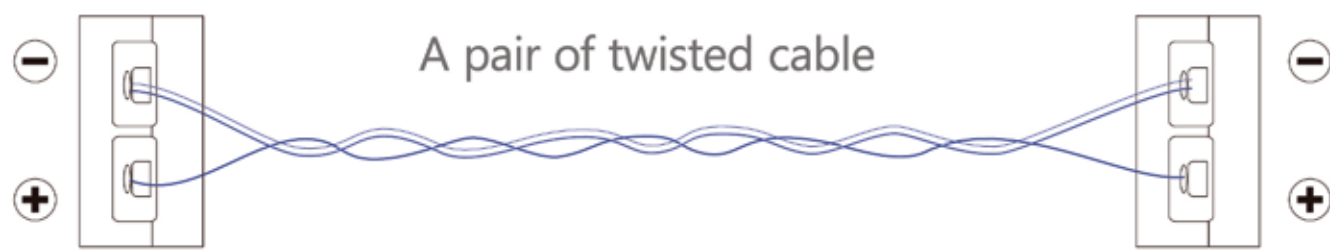
MTBF: >10000H

Operating Temperature: -10 - 55°C

Storage Temperature: -20 - 70°C

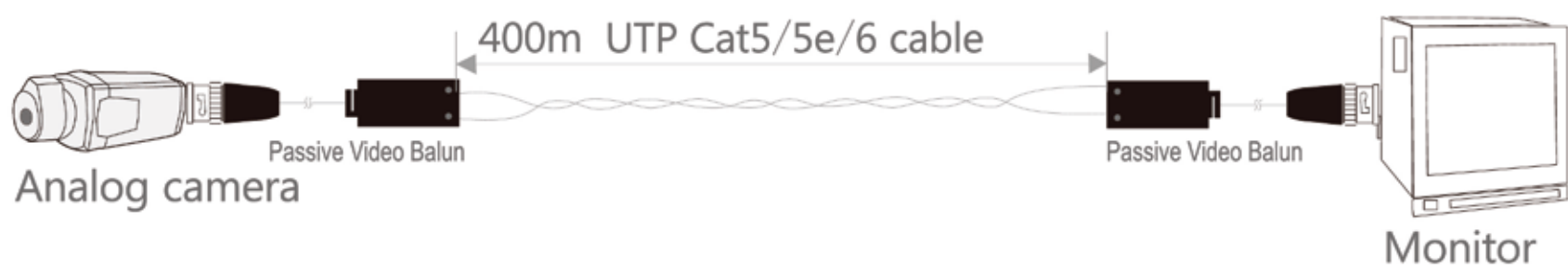
Humidity: 0 - 95% (non-condensing)

>Wiring Instruction

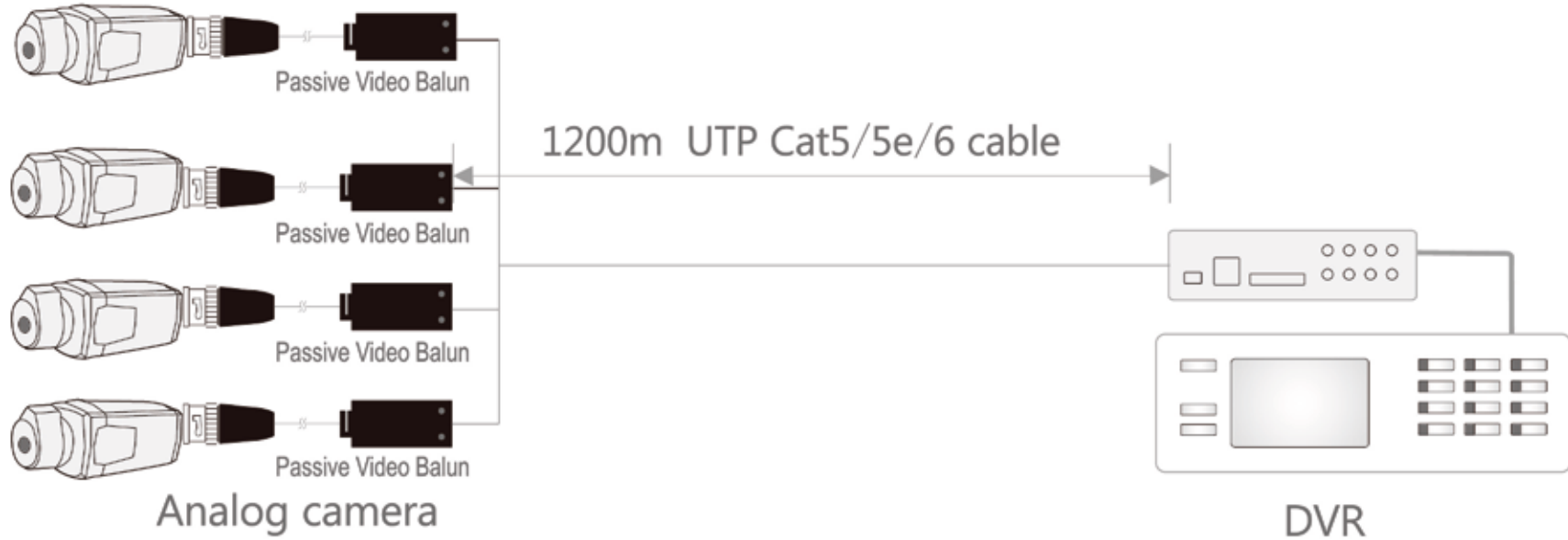


>Application

Passive equipment with passive equipment application diagram



Passive equipment with active equipment application diagram



Caution:

- > Please make sure the cable is a pair twisted UTP cable
- > The device isn't waterproof, please be cautious