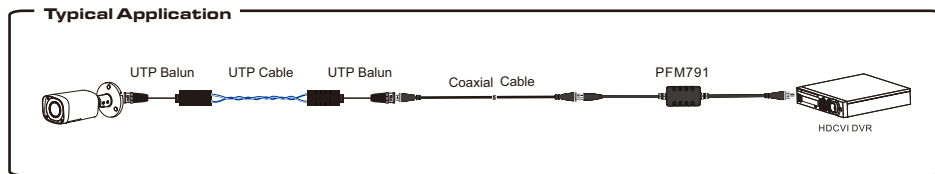


# HD VIDEO ISOLATOR

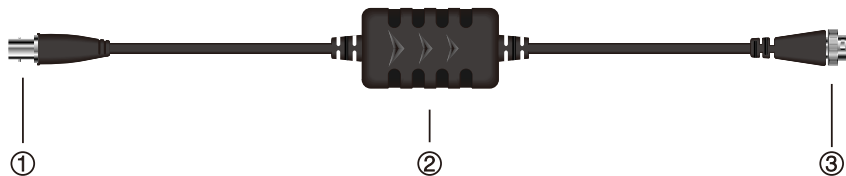
The device is an HD video isolator for HDCVI/TVI/AHD. It Built in a highly balanced mode of video transmission, which is immune to interference from these, and other sources of noise: Data signals, other video signals, nearby power, ringing telephones, fluorescent lights, and transformers, etc.



## Features

- Support the PTZ data control
- Support 720P&1080P&4K resolution, compatible with HDCVI/TVI/AHD.
- Eliminate problems as image tearing, cross-talk, rolling and so on.
- Protect HD video system from interference of electrical cable.
- Perfect work with DVR to immunity DVR interference.
- Compact, simple for connection via BNC.
- Passive, no need for power supply.

## Panel Diagram



NO.	Component	Description
①	BNC-Female	HD Video Input
②	Plastic Module	The body of Filter
③	BNC-Male	HD Video Output

## Please follow the next application steps:

1. Cut off power of HD camera, HD DVR, monitor and other devices.
2. Connect an end of coaxial cable with BNC-F of the isolator.
3. Connect the other end of coaxial cable with HD camera or UTP Balun(receiver).
4. Connect BNC-M of the isolator with the monitor or HD DVR.

## Specification

Items		Parameters
Function Properties	Insertion Loss	0.5dB
	Frequency Response	0-75MHz
	Input Impedance	75Ohms
	Output Impedance	75Ohms
	Isolation Resistance	100M Ohms
Protection	ESD Protection	Contact Discharge:6000V Air Discharge:8000V Per IEC61000-4-2
	Surge Protection	4KV 10/700us, Per IEC61000-4-5
Reliability	MTBF	>20000h
Physical Properties	Size ( LWH )	The body: 41.5mm*22.5mm*16.5mm; Total length:400mm
	Outer Shell	ABS Plastic
	Color	Black
	N.W.	38g
Environmental	Operation Temperature	-20°C~55°C
	Storage Temperature	-40°C~70°C
	Relative Humidity	0~95%

## Troubleshooting

### If any trouble during application, Please follow the next steps:

- Please check if it's following the vendor's manual;
- Make sure if every BNC works well;
- If the real transmission distance is not longer than the max distance;
- Check if the cable is quality;
- Replace the non working isolator with a new one;
- If the trouble still exists, please contact your vendor.

## Package Contents

- HD Video Transform Filter (1 pc)
- Application manual (1 pc)