

## HD-TVI/AHD/HDCVI VIDEO GROUND LOOP ISOLATOR SERIES

ITEM NO.: **GL001HDP** Passive HD-TVI/AHD/HDCVI Ground Loop Isolator



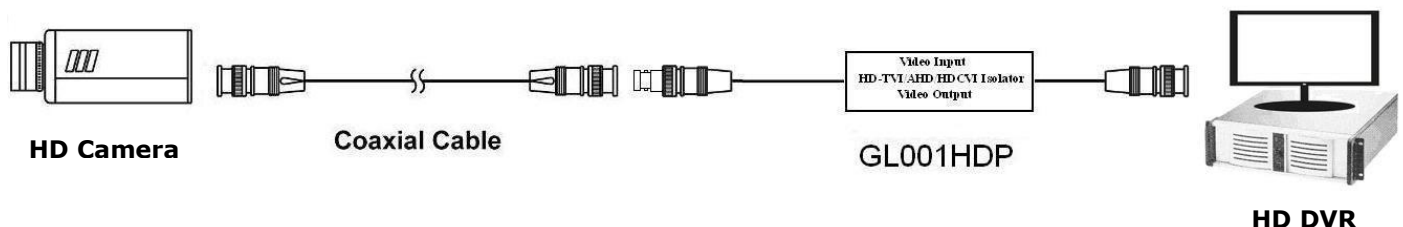
The GL001HDP Video Ground Loop Isolator is a passive devices which reduce Ground Loop Interference with HD CCTV signals and can easily install in a new or added to existing systems. It is useful where a video signal is transmitted via cable between points with different ground potentials, Differences in ground potentials are typically caused by unbalanced power line loads.

### **GL001HDP** **Passive HD-TVI/AHD/HDCVI Ground Loop Isolator**

- BNC male to BNC female with mini cable 15cm on both sides.
- Passive, no power required.
- Support high resolution up to 4K/1080P.
- Prevents video-signal distortion caused by video ground loops.
- Bandwidth:25Hz ~ 50MHz ( -3dB )
- Eliminates picture tearing, cross talk and rolling.
- Prevents power cables laid by others interfering with the HD CCTV system.
- Working distance max. 200M.

### **Installation View**

The Video Ground Loop Isolator should be installed where runs of video cable are known to have ground loops. It must be installed in the video cable that has come directly from DVR side.



### **Caution:**

The economic HD video ground loop isolator will cause 37% video loss, so it only suitable for distance less 200M installation. If over 200M, please use our active type model no: GL001HD Active HD-TVI/AHD/HDCVI Coaxial Video Ground Loop Isolator without any video loss.

**Specification :**

| ITEM NO.                        | GL001HDP                           |
|---------------------------------|------------------------------------|
| Frequency Response              | 25Hz ~ 50MHz (0~3dB)               |
| Coaxial Input/Output Resistance | 75 Ohm                             |
| Ground Isolation                | >90dB @ >50Hz                      |
| Isolation Voltage               | 500VAC / 600VDC                    |
| Insulation Resistance           | >1M Ohm                            |
| CMRR                            | > 60dB                             |
| Dimensions mm                   | 73 x 28 x 26.5 with 20cm x 2 Cable |
| Weight g                        | 85                                 |

RoHS   

Rev. A