

HD Coaxial Video Ground Loop Isolator

Features

- Compatible with all HD-TVI, HD-CVI, AHD & CVBS analog cameras
- BNC male to BNC female with mini 20cm RG 59 coaxial pigtail lead on both sides.
- Passive, No power supply required
- Prevents video-signal distortion caused by video ground loops
- Eliminates picture tearing, cross talk and rolling
- Prevents power cables laid by others interfering with the CCTV system
- Built in TVS (Transient Voltage Suppressors) for surge protection
- Ground Loop Circuit Isolation: $>90\text{dB}$ $>50\text{Hz}$
- Insert Loss: $\leq 0.5\text{ dB}$
- Dimensions: $41.5 * 22.5 * 16.5\text{mm}$ (L*W*H BNC connector included)



OVERVIEW

HAY-HDGLI is a high performance and highly reliable HD coaxial video ground loop isolator that is used for solving the signal interference problems caused by potential sources of interference. It features two BNCs, male and female, with superior lightning protection.

The ground loop isolator can only be used on the DVR side, and if used on the HD camera side then there will be no video.

Once the signal passed the isolator, it will become a clear video picture, without any ghost. It is widely used in various security monitoring system. No power, easy and convenient installation, and high performance.

The video ground loop isolator should be installed where video cable runs are known to have ground loops. It must be installed on the video cable at the DVR end that has come directly from the camera, but before the cable has been connected to the DVR.

If several video cameras come from the same area, fix a video ground loop isolator in every cable, or a grounded loop will remain.

- Make sure whether the device installation follows the manufacturer's instructions
- Check whether each terminal of the BNC is in good connection
- Check whether the quality of the transmission cable is reliable

