

VIDEO GROUND LOOP ISOLATOR SERIES

ITEM NO.: VG-GL600,VG-GB600,VG-TGP600

The VG-GL600, VG-GB600,VG-TGP600 Video Ground Loop Isolator are passive devices which reduce Ground Loop Interference with 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.



VG-GL600 Coaxial Video Ground Loop Isolator Features:

- ☐ BNC male to BNC female with mini cable 25 on both sides.
- ☐ Passive, no power 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.

VG-GB600 Coaxial Video Ground Loop Isolator built in Video BALUN

Features:

- ☐ BNC male to BNC female with mini cable 25 on both sides.
- ☐ Others same as VG-GL600 Ground Loop Isolator function.
- ☐ Built in Video filter, perfect to work with DVR to immunity DVR interference, for extra interference rejection.
- ☐ Built in TVS (Transient Voltage Suppressors) for surge protection



VG-TGP600 Twisted Pair Ground Loop Isolator

Features:

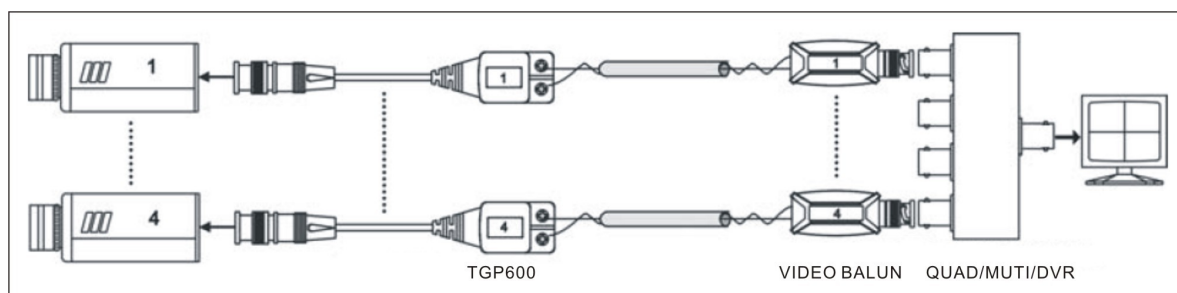
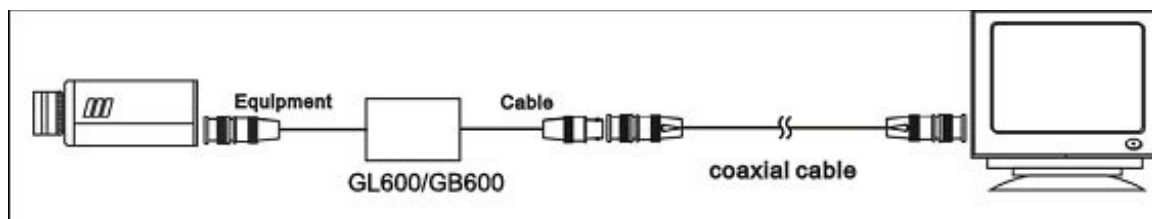
- ☐ BNC male to terminal block with 15cm mini coax cable.
- ☐ Passive type, no power need.
- ☐ Hi Performance to eliminate ground loop problem.
- ☐ Low video loss , Bandwidth: 20hz -10Mhz ,+0/-3Db.
- ☐ Prevents video-signal distortion caused by video ground loops.
- ☐ Eliminates picture tearing, cross talk and rolling.
- ☐ Prevents power cables laid by others interfering with the CCTV system.

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 the camera, but before the cable has been connected to anything else.

If several video cameras come from the same area, fix a Video Ground Loop Isolator In every cable, or a ground loop will still remain.



■ Specification

ITEM NO.	GL600	GB600	TGP600
Insertion Loss	0.5dB		
Frequency Response	20HZ- 10Mhz,+0/-3dB		
Input Resistance	75 ohm		
Output Resistance	75 ohm		100 ohm
Isolation Voltage	600VDC (Min)		
Insulation Resistance	100M Ohm		
Transient Voltage Suppressors	12 Vrms		
BALUN	X	V	V
Dimensions (mm)	72x28x21 with 25cmx2 cable		72x28x22
Material	ABS Black		