

HD Ground Loop Isolator



HD BK CGL

HD BK CGL Video Ground Loop Isolator, is a passive device working without power supply. With built-in magnetic circuit, the device helps to isolate the current at front and rear end and reduce its impact on the signal, and as a result lowering the grounding interference with HD CCTV video signal. The device could be easily installed in a new system or be added to the existing system. HD BK CGL works excellently in transmitting video signal between different ground potentials through electric cable as the ground potential difference is generally caused by unbalanced cable load. It could be applied to any CCTV system with earth loop interference such as office building, residence community, school, hospital, etc.

KEY FEATURES

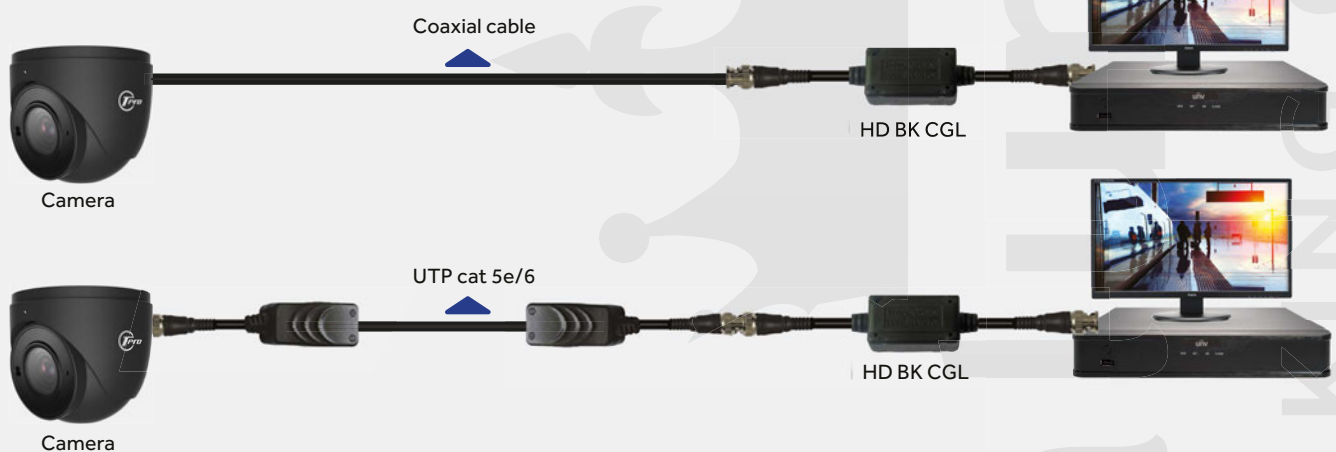
- No power supply required
- Can only be installed directly on the DVR side
- Can be connected to coaxial cable or UTP Cat5e/6 via video balun
- To prevent video signal distortion
- Eliminate crosstalk, scrolling and colour distortion
- BNC male to BNC female with mini 20cm RG 59 coaxial
- Working bandwidth: 25Hz~50MHz (-3dB)



SPECIFICATION

Model	HD BK CGL
Product description	HD Video Ground Loop Isolator
Input / Output Impedance	75•
Bandwidth	25Hz~50MHz
Ground Loop Isolation	>90dB (@ >50Hz)
Isolated Voltage	500VAC / 600VDC
Insulation Resistance	>1M Ohm
Common Mode Rejection Ratio (CMMR)	> 60dB
ESD Protection	1a contact discharge 3 degree 1b air discharge 3 degree
	IEC61000-4-2
Surge Protection	2KV 10/700us, IEC61000 - 4 - 5
Net Weight	75g
Dimensions (L*W*H)	42.8*28*20mm (BNC connector included)
Operating Temperature	-20°C ~ 60 °C
Storage Temperature	-30°C ~ 80 °C
Relative Humidity	0-95% (non-condensing)

APPLICATION DIAGRAM



“QUALITY CONSTRUCTION HIGH QUALITY IMAGES”