

VG-01

HD-Video Anti-Interference Device

The VG-01 Video Ground Loop Isolator is a passive device designed to eliminate ground loop interference in CCTV systems, ensuring clear and stable video transmission. It is ideal for installations where video signals are transmitted over cables between points with different ground potentials, which often result from unbalanced power line loads.



Key Features

- Eliminates Ground Loop Interference – Reduces video signal distortion and rolling noise caused by ground potential differences.
- Passive Design – Requires no external power, making it easy to install and maintain.
- Wide Compatibility – Supports HD-AHD, HD-CVI, HD-TVI, and CVBS video formats for use with various CCTV cameras.
- Simple Installation – Must be installed on the camera-side video cable before it connects to any other equipment for optimal performance.

Technical Specifications

Item	Specification
Insertion Loss	0.5dB
Frequency Response	0-3dB at 10Mhz
Input Resistance	75 ohm
Output Resistance	75 ohm
Isolation Voltage	800VDC(Min)
Insulation Resistance	100m Ohm
Transient Voltage Suppressors	12 Vrms
BALUN	V
Dimensions(mm)	84x28x21 with 15cmx2 cable
Material	ABS Black

Application

