

GCT01

# VIDEO TRANSFORMER

Video Ground Loop Isolator – BNC Male to Terminal Block



## Key Features

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- Supports HD-TVI, AHD, HDCVI, CVBS video formats
- Resolution up to 4K
- Built-in a terminal block and a BNC Male connector with 15cm mini cables
- No power required
- Supports video bandwidth at 25 Hz to 50 MHz (-3dB)

The Genie GCT01 is a video ground loop isolator designed to reduce video interference for CVBS signal with low video loss. It's a perfect solution for when a video signal gets transmitted between two ends with unbalanced power line loads, which causes video interference.



## Specification

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### Supports

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<b>Frequency</b>	20 to 10MHz (0 to 3dB)
<b>Insertion Loss</b>	0.5dB
<b>Ground Isolation</b>	>90dB @ >50Hz
<b>Isolation Voltage</b>	DC 600V (Min)
<b>Insulation Resistance</b>	100m Ohm

### Others

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<b>Operation Temperature</b>	0°C ~ 80°C
<b>Storage Temperature</b>	-20°C ~ 45°C
<b>Humidity</b>	0~95% (Non-Condensing)
<b>Dimensions</b>	69.5 × 25 × 20.7 mm
<b>Weight</b>	32g

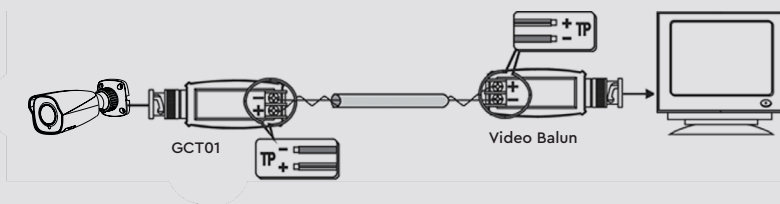
### Ports & Interfaces

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<b>Signal Input/ Output</b>	1 x BNC (75 Ohm)
<b>Link Interface</b>	1 x 2-pin Terminal Block (100 Ohm)

## Application

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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.

To avoid video loss, the GCT01 must be installed at camera end.