

# 2 Channel AHD / CVI / TVI / CVBS Signal Video Multiplexer Over One Coax

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GHD102



## Quick Start Guide

Please read these instructions carefully before operating the unit and keep for further reference. All the examples and pictures used here are for reference only. The contents of this manual are subject to change without notice.

The Genie GHD102 uses FDM compression modulation technology on the transmitter and allows 2 channels of CVI / AHD / TVI / CVBS camera signals to be compressed and converted into a digital signal which is then transmitted using a single coaxial cable. The receiver then decompresses and re-converts the signal back into 2 separate video channels allowing you to connect to a compatible DVR (CVI / TVI / AHD / CVBS) or video matrix. This product automatically adjusts for transmission distances from 0–200 m. The maximum transmission distance supported depends greatly on the quality of the coax cable being used. It supports 2 separate video signals down one coaxial cable by way of Frequency Division Multiplexing (FMD), all data transmission are real-time and all images supported are high definition with minimum delay.

### **Features**

- Designed with minimum installation requirement
- 2x separate video channels down 1 coaxial cable
- Real-time images
- Simple Plug and Play operation
- Built-in static protection circuit
- Ideal for utilising existing cables already installed
- Supports coaxial video line 75–3, 75–5, RG59 etc.
- FDM technology is easy for multi-channel signal transmission in 1 coaxial cable with minimum delay and interference

### **Specifications**

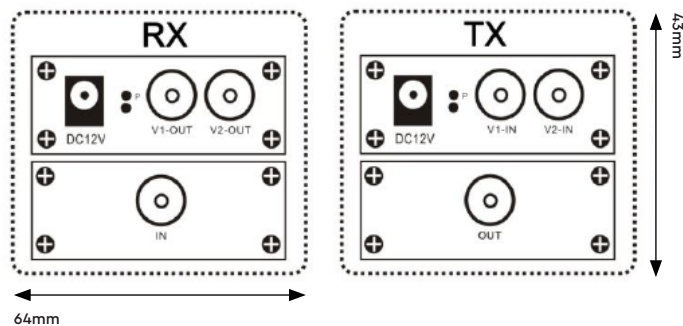
Compatible Mode	AHD / CVI / TVI / CVBS
Supported Pixels	TVI : 720p / 1080p / 3MP AHD : 720p / 960p / 1080p CVI : 720p / 960p / 1080p CVBS
Interface	BNC Port
Power Supply Input	DC12V x2 (Not Supplied)
Current Draw	Transmitter = 0.063 Receiver = 0.102
Transmission Distance	0–200m (Adaptive)
Operating Temperature	-30°C – 50°C
Material	High quality Aluminium Alloy
Dimensions	64 × 43 × 23 mm
Weight	67.5g (Each)

## Installation Steps

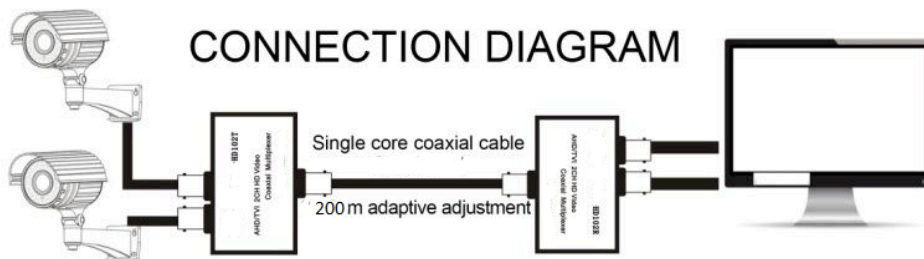
Please check the following items before installation.  
If anything is missing, please contact dealer.

- Install in accordance with any local regulations
- Please note that this equipment isn't waterproof and is designed for indoor use only
- Please use a regulated power supply voltage DC12V only
- No user serviceable parts inside
- Not suitable for up the coax pan tilt control

## Dimensions



## Application



**Warning :** Need to use a single core coax cable to ensure the transmission distance.

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