

AHD, CVI, TVI and CVBS Active Video Balun – Receiver

HDUBARTK-R



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 HDUBARTK-R is a 1CH HD analogue video UTP receiver that transfers real-time analogue video signal up to 1,200m (CVBS) through Cat5/5e/6 cable.

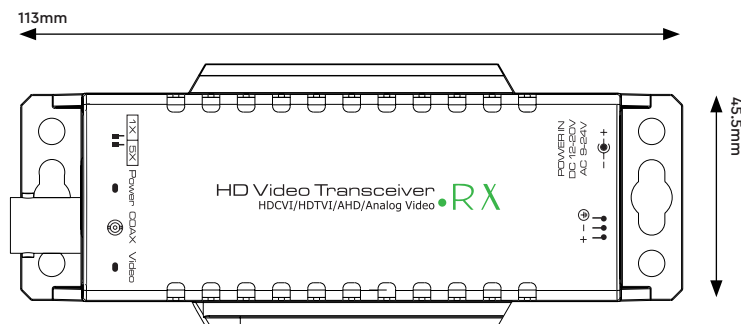
Features

- Up to 1,200m transmission distance (with active transmitter) (CVBS)
- Compatible with HDCVI, HDTV, AHD, CVBS signals
- ESD protection

Specifications

Function	Transfer Signal Number	1CH Video
	Transmission Distance	Up to 1,200m (CVBS)
Video Transmission and Connector	Video Connector	1 x BNC (Male)
	Cable Port	1 x 3 Pin Terminal
	Compatible Video Type	AHD, CVBS, HDCVI, HDTV Signal
	Transfer Bandwidth	0-75MHz
	Signal Indicator	Yellow solid ON : Power input normal Green solid ON : Signal input normal
	Anti-Interference	>60dB
Protection	Surge Protection of Coaxial Port	2 KV Differential-mode 2KV Common-mode Per :IEC61000-4-5
	Surge Protection of Line Connector	Signal Line-pair : 2 KV Differential-mode 2KV Common-mode Per :IEC61000-4-5
	ESD Protection	1a Contact Discharge 6 KV 1b Air Discharge 8KV Per :IEC61000-4-2
Others	Voltage Input	DC12-20V or A C9-24V
	Working Temperature	-10°C ~ 55°C
	Storage Temperature	-45°C ~ 75°C
	Humidity	0 ~ 95%
	Dimensions	113 x 45.5 x 29 mm
	Weight	65g

Dimensions



Panel Diagram



Installation Steps

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

- 1x HDUBARTK-R
- 1x User Manual

Please follow the steps as below:

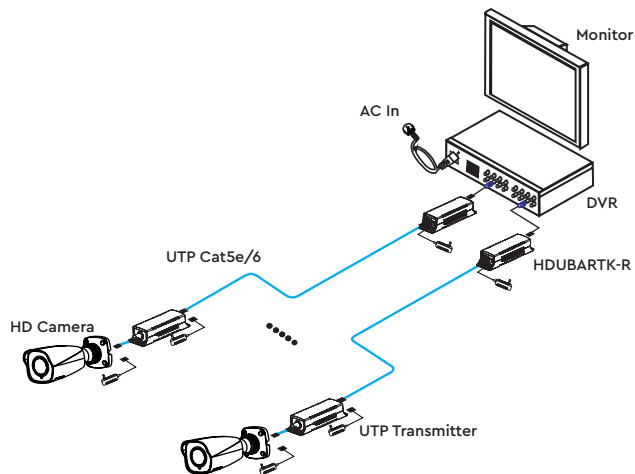
1. Turn off the power of all the related devices before the installation; otherwise the device would be damaged.
2. Check if the any cable has been occupied by other device.
3. Connect corresponding ports of cameras and other related devices with Video BNC port of TX unit.
4. Connect the grounding terminal of TX unit by bare grounding wire and a pair Ethernet cable.
5. Connect the grounding terminal of RX unit by bare grounding wire and a pair Ethernet cable.
6. Connect display device and BNC port of RX unit by coaxial cable.
7. Connect power ports of RX and TX units by power cable.
8. Check the installation and connection of equipments are correct and the equipments are working properly, then power on system.
9. Make sure image displays and other devices are working.

Troubleshoot

Please find the following solution when the device doesn't work:

- Reboot
- Adjust the switch when DVR works smoothly.
- There are 2 marks of 10X on unit. Right mark features high definition and saturation.

Application



Note:

Standard Cat5e/6 cable and 75 4 or above coax are strongly suggested for reaching the maximum transmission distance!

Please use standard UTP cable and coax to ensure the stable transmission.

Recommended Distance

Signal Type	HDCVI 720P	HDCV I 1080P	AHD 720P/960P	AHD 1080P	HDTVI 720P	HDTVI 1080P
Transmission Distance	600m	500m	700m	300m	400m	400m

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