

## 6. RFQ

Q1: No image output?

A1: Check the led indicator status to make sure all connections are good and stable.

Q2: Signal led "3" is flashing but no image output?

A2: Check if the HDMI display device has been switched to the right HDMI input channel.

Q3: Signal led "2" is flashing but "3" light is off?

A3: Check whether the TX' HDMI IN has signal input and make sure RX's HDMI OUT is well connected with HDMI display .

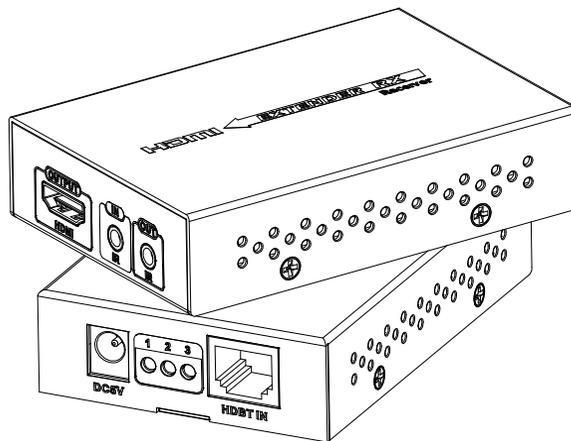
Q4: Output image has flashing points or disturbance points?

A4: Change TX' HDMI signal input cable or use shorter HDMI cable.

## 7. SPECIFICATION

Items	Specifications	Note
Power supply	DC5V/2A	2pcs
HDMI signal	4KX2K, compatible with HDCP; support CEC and 24bits deep color	
resolution Supported	480I, 480P, 576I, 576P, 720P, 1080I, 1080P, 3D, 4K×2K	
Network cable	CAT5E, CAT6, CAT6A, CAT7	
Transmission length	CAT5E 60m	Up to 1080P@60Hz 36bpp
	CAT6 35m	1080P@60Hz 48bpp,1080P@60Hz 3D, 4K×2K 30Hz
	CAT6A 70m	Up to 1080P@60Hz 36bpp
	CAT7 40m	1080P@60Hz 48bpp,1080P@60Hz 3D, 4K×2K 30Hz
Infrared back	Support 20~60kHz wide frequency devices and Bi-directional IR transmission	
Power consumption	TX : <3.5W ; RX : <6W	
Product dimension	98.5(L)X66.5(W)X23(H)mm	

## HDBaseT HDMI Extender over single CAT 5/6/7 User's manual



## IMPORTANT SAFETY INSTRUCTIONS

1. Do not mix up HDBaseT TX and HDBaseT RX before installation.
2. Do not mix up IR receiver and IR blaster before installation.
3. Use DC5V power supply only. Make sure specification matched if using adapters not supplied by factory.

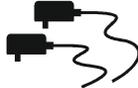
## 1. PACKAGE CONTENTS



HDBaseT to HDMI receiver  
RX\*1pcs



HDMI to HDBaseT sender  
TX\*1pcs



DC5V2A\*2pcs



IR blaster extension cable



IR receiver extension cable



User's manual\*1pcs

## 2. INSTALLATION REQUIREMENTS

- 2.1 HDMI source device (computer graphics card, DVD, PS3, HD monitoring equipment etc)
- 2.2 HDMI display device like SDTV, HDTV, projector with HDMI port.
- 2.3 UTP/STP CAT5E/6/6A/7 cable
- 2.4 Follow standard IEEE-568B

## 3. INTERFACES

### 3.1 HDMI to HDBaseT



① ② ③



④ ⑤

- ① HDMI IN: HDMI signal input to connect with HDMI source device.
- ② IR IN: IR signal input to connect with IR receiver extension cable
- ③ IR OUT: IR signal output to connect with IR blaster extension cable
- ④ DC5V: Power input
- ⑤ HDBT OUT: HDBaseT signal output

### 3.2 HDBaseT to HDMI



① ②



③ ④ ⑤

- ① DC5V: Power input
- ② HDBT IN: HDBaseT signal input
- ③ HDMI OUT: HDMI signal output to connect with HDMI display device.
- ④ IR IN: IR signal input to connect with IR receiver extension cable
- ⑤ IR OUT: IR signal output to connect with IR blaster extension cable

## 4. LED INDICATORS WORKING STATUS



① ② ③

- ① It is flashing with power on.
- ② It is lighting on when TX and RX are well connected.
- ③ It is lighting on when RX's HDMI OUT connects with HDMI display device and has HDMI signal output.

## 5. INSTALLATION PROCEDURES

### 5.1 To make CAT6 network cable

- Follow the standard of IEEE-568B: 1-Orange/white, 2-Orange  
3-Green/white, 4-Blue  
5-Blue/white, 6-Green  
7-Brown/white, 8-Brown



### 5.2 Connections

