



# USER MANUAL

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## 4K 100m HDMI Extender

Enjoy the vivid world

## Introduction

The Extender uses single cat5e or cat6(recommended) cables instead of HDMI cable to transmit high definition signal up to 100 meters, cutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal.

TX Extender

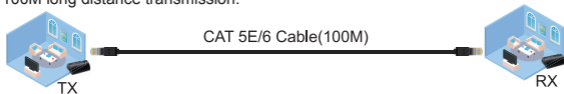


RX Extender



## Features

1: 100M long distance transmission:

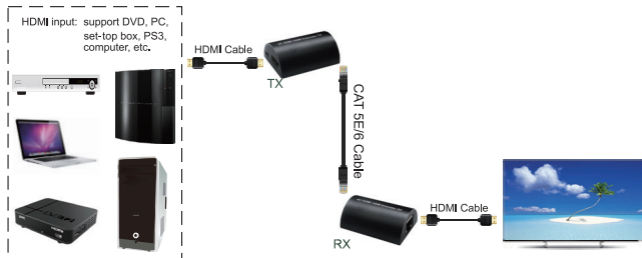


2: Low power consumption, low temperature and high safety.

## Specifications:

Length of CAT-6/CAT-5E cable between TX and RX .....	Up to 100 meters
HDMI Input .....	4K/1080p/1080i/720p/576p/576i/480p/480i
HDMI Output .....	4K/1080p/1080i/720p/576p/576i/480p/480i
Max bandwidth .....	340MHz
Max baud rate .....	3x3.4Gbps
Input video signal .....	0.5~1.5Volts p-p
Output DDC signal .....	5Volts p-p (TTL)
Input HDMI cable distance .....	≤10m AWG26 HDMI standard cable
Output HDMI cable distance .....	≤10m AWG26 HDMI standard cable
TX Max working current .....	350mA
RX Max working current .....	200mA
Power adapter format .....	Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
Operating Temperature range .....	(-15 to +45 °C)
Operating Humidity range .....	5 to 90%RH (No Condensation)
Dimension (L x W x H) .....	52x38x17 (mm)
TX Weight .....	24.0g
RX Weight .....	24.4g

## Connection diagram:



## Application diagrams

HDMI extender is used in audio-visual conference, command and control center, ticketing platform, home theater, multi-media teaching, conference system and so on.



Audio-visual conference

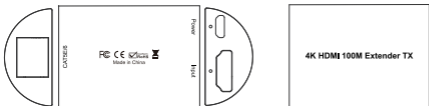


Command and control center

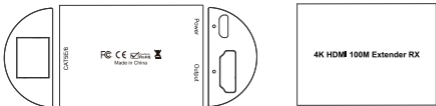


Home theater

## Physical interface diagram



Port	Function description
Input	HDMI Input port
DC/5V	5V DC Power input port
CAT5E/6	Cat5e/6 cable connection port



Port	Function description
Output	HDMI Output port
DC/5V	5V DC Power input port
CAT5E/6	Cat5e/6 cable connection port

## The Package includes:

- |                |      |                    |      |
|----------------|------|--------------------|------|
| 1. TX Extender | 1PCS | 3. Micro USB Cable | 2PCS |
| 2. RX Extender | 1PCS |                    |      |