

# 100M HDMI EXTENDER User's Manual

## Special Notification

Before using this product, please read this manual carefully.  
Please keep this manual for future reference.  
The company may change the function of product without notice

## Summary

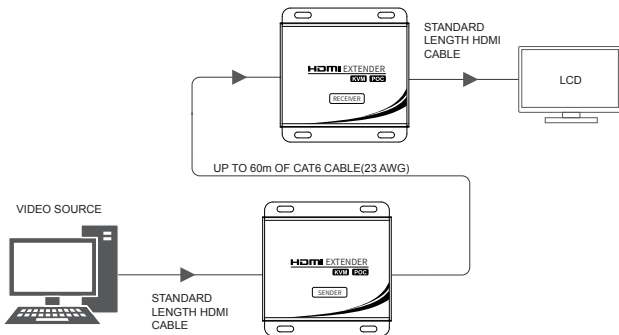
HDMI extension support resolution up to 1080P, a single CAT5/6 cable based on the transmission medium, the maximum transmission distance Can reach 100M. This product is designed to ensure high quality of signal transmission.

It is the idea videoprocessing equipment matching the video conferencing system, broadcast TV system, CCTV system, and TV monitoring system.

## FEATURES :

- Using one single CAT6 cable instead of HDMI/USB cable to extend long distance
- By CAT6 max 100m/1080P transmission distance
- Auto-adjust signal feedback, balance or amplify, no need to worry about cable length
- Support 1.65Gbps frame rate (total 4.95Gbps) bandwidth
- Built-in EDID
- Upon AWG24 HDMI cable, max input cable length 15m, max output cable length 15m
- USB 2.0 max 60m by CAT6 cable
- Low speed devices like keyboard mouse max 100m by CAT6 cable
- Compliant with USB2.0, USB 1.1
- Support OS: Windows, Mac OS X, Linux

## System connection diagram



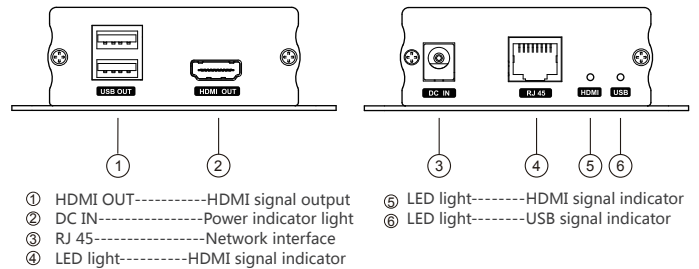
## PECIFICATIONS:

Input and output resolution-----480i, 480p,720p, 1080i, and 1080p  
Max bandwidth-----160MHz  
Maximum data rate-----4.95 Gbps  
Input/Output TMDs signal -----0.5-1.5Vp-p(TTL)  
Input/Output DDC signal-----5Vp-p(TTL)  
Input cable distance-----≤15m AWG26 HDMI standard cable  
Output cable distance-----≤15m AWG26 HDMI standard cable  
Max working current-----600MA  
Power adapter format.Input-----AC ( 50 /60HZ ) :100V-240V,output:DC12V/1A  
Operating Temperature range-----(-15 to +55°C)  
Operating Humidity range-----5 to 90%RH ( No Condensation )  
Sender Dimension (L x W x H)-----97mmX90mmX30mm  
Receiver Weight-----270g  
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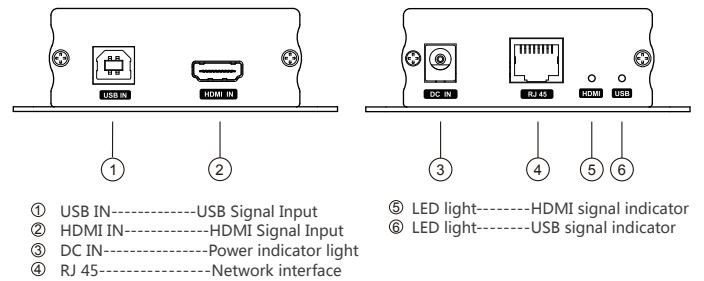
- Support full speed (480Mbps) and low speed (1.5Mbps) USB devices
- No need to install any software
- Hot plug support, Plug & Play
- Support full speed (480Mbps) and low speed (1.5Mbps) USB devices

## Introduction of the front and rear panels

### RECEIVER



### SENDER



## Packing list

NO	Part	QTY
1	Product host	1
2	power adapter	2
3	User's Manual	1

## The matters needing attention of installation

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation, wind and rain; the occasion of vibration and impact .Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either ;
- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage ;
- The installation and wiring should be strong and reliable, contact undesirable may lead to false action ; ;
- This product grounds by the grounding wires .To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded ;
- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage ; ;
- Please do not dismantle the equipment, avoid damaging the internal electrical component;