

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.

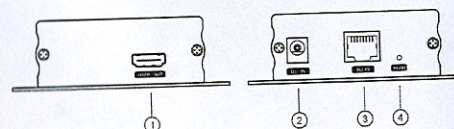
FEATURES :

- 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
- Low speed devices like keyboard mouse max 100m by CAT6 cable
- Support OS: Windows, Mac OS X, Linux
- 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

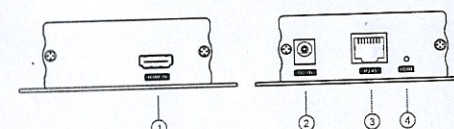
Introduction of the front and rear panels

RECEIVER



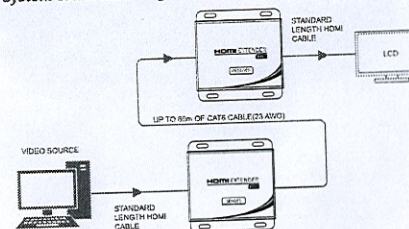
- ① HDMI OUT-----HDMI signal output
- ② DC IN-----Power indicator light
- ③ RJ 45-----Network interface
- ④ LED light-----HDMI signal indicator

SENDER



- ① HDMI IN-----HDMI Signal Input
- ② DC IN-----Power indicator light
- ③ RJ 45-----Network interface
- ④ LED light-----HDMI signal indicator

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
Sender Dimension (L x W x H)	97mmX90mmX30mm
Receiver Weight	270g

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;