HDMI Extender Over Network Cable
User's manual

IMPORTANT SAFETY INSTRUCTIONS:
- Do not mix up HDMI to RJ45 sender and RJ45 to HDMI receiver before installation.
- Do not hot plug when it is working.
- Use DC5V power supply only. Make sure specification matched if using adapters not supplied by factory.

1. PACKAGE CONTENTS
HDMI to LAN sender TX*1pcs  LAN to HDMI receiver RX*1pcs
- DC5V1A*2pcs
- 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 cat6/cat6A/cat7 cable
2.4. Follow standard IEEE-568B
2.5. Transmit length more than 40m by CAT6 cable or higher level cable.

3. Interfaces
3.1. HDMI to RJ45
- DC5V power input
- HDMI signal input
- RESET
- RJ45 signal output
- HDMI signal indicator led. It lights on all the time with HDMI signal input, flashes with no signal input.

3.2. RJ45 to HDMI
- Network cable length adjust button. There are total 12 levels and can be switched cyclically. Supports memory function and needs no setting after power off.
- RJ45 signal input
- The first level network cable length LED, if you need the third level network cable length, please press the button "LENGTH" twice when this LED lights on, and so on.
- Connection status indicator led. It lights on all the time with HDMI signal transmission, flashes with no signal transmission.
- DC5V power input
- HDMI signal output
4. INSTALLATION PROCEDURES

4.1 How to make a 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

4.2 Connections

5. RFQ
Q1: No image output?
A1: Adjust RX “LENGTH” button.
Q2: RX “LINK” LED is flashing all the time?
A2: Make sure network cable connection follows the way of 568B; Check whether TX has HDMI signal input; Reset TX or RX.
Q3: RX “LINK” LED lights on all the time but no image output
A3: Adjust RX “LENGTH” button; Make sure HDMI cable is well connected with TV; Unplug and plug network cable or re-up RX electricity.

6. SPECIFICATION

<table>
<thead>
<tr>
<th>Items</th>
<th>Specifications</th>
<th>Note</th>
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<tbody>
<tr>
<td>Power supply</td>
<td>DC5V1A</td>
<td>2pcs</td>
</tr>
<tr>
<td>Resolution supported</td>
<td>480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz</td>
<td></td>
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<tr>
<td>Network cable</td>
<td>low resistance and consumption oxygen-free copper core (CAT6, CAT6A, CAT7)</td>
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<tr>
<td>Transmission length</td>
<td>Transmit length more than 40m by CAT6 cable or higher level cable.</td>
<td></td>
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<tr>
<td>Power consumption</td>
<td>TX:&lt;2W; RX:&lt;2W</td>
<td></td>
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<tr>
<td>Product dimension</td>
<td>LxWxH: 66x56x22(mm)</td>
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6. DISCLAIMER

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