# CS-HDEXTSRPOE USER MANUAL

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**HDMI™ Extender 60m over Single UTP with IR pass back and HDMI loop out**

**Dear customer**

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference

## 1.0 Introduction

The HDMI™ extender with loop out is an ideal device for local displaying and remote viewing. It combines split function and extension function. It distributes the input of the HDMI™ signal into the local and remote outputs simultaneously, perfect for point-to-point digital signage applications that require high quality HDMI™ video. It also works to extend Infrared IR signals from remote controls, ideal for controlling your video source from your video destination. For perfect performance, the extender comes with a reset function on the receiver, which enables user to adjust the signal to best match the cable length.

## 2.0 Feature

* Dual output at local unit: 1 x HDMI output for local site, plus 1 x UTP output for remote site
* One pair as a full functional module, no need of setting
* HDMI™ over single CAT6 cable transmission up to 60m/196ft
* Supports lossless uncompressed A/V signal transmission
* Signal auto adjustment to match the cable length after press 'RESET' button on receiver
* Full HD 1080P transmission to make video image more vivid
* IR signal transmission for easy controlling the source device
* Supports 3D video format
* Both the transmitter and receiver are powered by 5V DC power supply, support receiver powered from transmitter

Note: there are 2 RESET on this extender kit, one on 'Sender', one on 'Receiver'.
RESET at Sender: function as restart
RESET at Receiver: function as equalizer

## 3.0 Specification

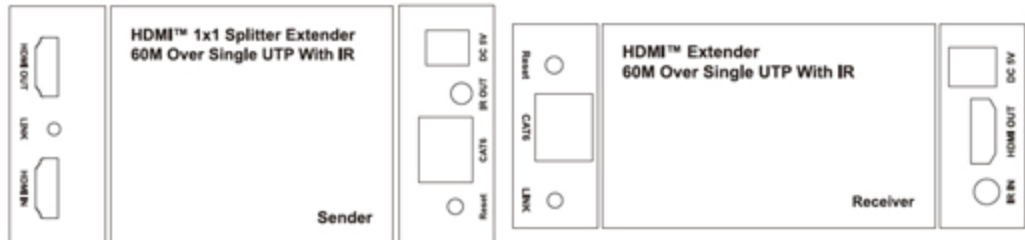| | |
|---|---|
| Signal Input | HDMI Signal |
| Input Video Signal | 0.5-1.0volts/p-p |
| Output Video | HDMI Signal |
| DTV/HDTV | 480i/480p/576i/576p/720p/1080i/1080p |
| CAT-6 Cable | 60m@1080p |
| Vertical Frequency Range | 50/60Hz |
| Interlaced Resolutions(50&60Hz) | 480i,576i,1080i |
| Progressive Resolutions(50&60Hz) | 480p,576p,720p,1080p |
| Limited Warranty | 1Year Parts and Labor |
| Operating Temperature | 0°C to 70°C / 32°F to 158°F |
| Operating Humidity | 10% to 85% RH (no condensation) |
| Storage Temperature | -10°C to +80°C / 14°F to 176°F |
| Storage Humidity | 5% to 90% RH (no condensation) |
| Power Supply | 5V DC |
| Power Consumption(Max) | 5W |
| Extender Unit Cert | FCC,CE, RoHS |
| Power Supply Cert | CE,FCC, RoHS |
| Power Adapter Standard | US |
| User Manual | English |

Note:

1. Ethernet cable quality affects product performance.

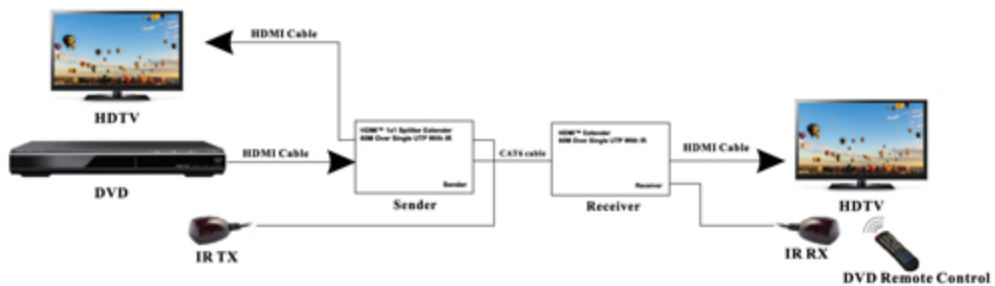2. The specification is subject to change without prior notice.

## 4.0 Package Content

1) Main Unit NO.1 Transmitter x 1

2) Main Unit NO.2 Receiver x 1

3) 1 x IR TX Cable

4) 1 x IR RX Cable

5) 5V DC Power Supply x 2

6) Mounting Ears x 4

7) User Manual

## 5.0 Panel Description

**HDMI™ 1x1 Splitter Extender 60M Over Single UTP With IR** — Sender

HDMI OUT, LINK, HDMI IN, DC 5V, IR OUT, CAT6, Reset

**HDMI™ Extender 60M Over Single UTP With IR** — Receiver

Reset, CAT6, LINK, DC 5V, HDMI OUT, IR IN

## 6.0 Connection and Operation

HDTV — HDMI Cable
DVD — HDMI Cable — Sender — CAT6 cable — Receiver — HDMI Cable — HDTV
IR TX — Sender
IR RX — DVD Remote Control