



# HDMI VIDEO EXTENDER



## Manual

DS-55120 • DS-55121 (Receiver only)

# **HDMI Extender over Single UTP CAT5e/CAT6 TCP/IP 1080p (Up to 120 Meters) with IR**

## **1.0 INTRODUCTION**

The DS-55120 extends your display up to 120 meters in Full HD away from your HDMI or DVI-D source by using one network cable. It can also work under an isolated network to preform long extension and multiple display solution. It supports a HDMI signal transmission without loss.

## **2.0 FEATURE**

- Cat 5 HDMI extender consisting of transmitter and receiver unit
- For extension up to 120 meter (Direct connection)
- Support Media distribution solution over isolated network (work with multiple receiver units)
- Following TCP/IP standard
- Supports resolution up to 480P/720P/1080I/1080P
- Supports max video bandwidth to 1.65Gbps/165MHz.
- Support 8bit per channel (24bit all channel) color depth
- Supports 3D
- Built-in bi-directional IR interface enables you to control the input source from either end of the connection
- Follow the standard of IEEE-568B

### 3.0 SPECIFICATIONS

Signal input	HDMI Signal
Input Video Signal	0.5-1.0volts/p-p
Output video	HDMI Signal
CAT-6 cable	120m for 1080p
Vertical Frequency Range	50/60Hz
Video Amplifier bandwidth	Max up to 1.65Gbps/165MHz
Interlaced (50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Operating Temperature	0°C to +50°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Power Supply	5V DC @2A
Power consumption (Max)	8W
AC Power Adapter	EU standard
Certification	FCC,CE

### 4.0 PACKAGE CONTENTS

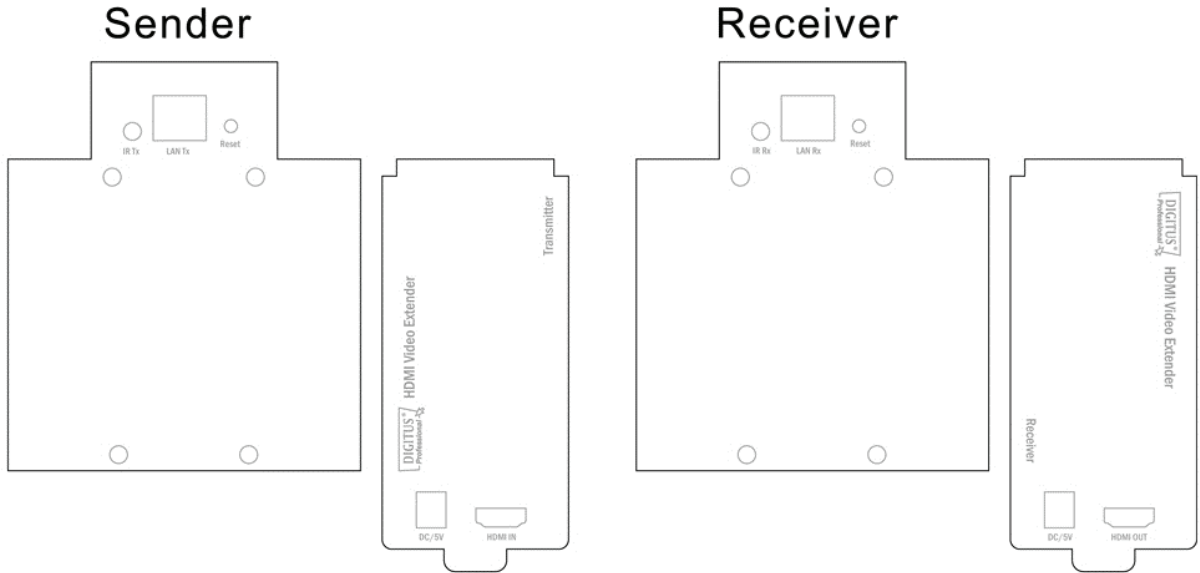
#### **DS-55120**

- HDMI Extender, transmitter and receiver unit
- 2 x Power Supply 5V, 2A
- 2 sets of mounting brackets with screws
- Manual
- IR transmitter and receiver

#### **DS-55121 (Receiver only)**

- HDMI Extender, receiver unit
- 1 x Power Supply 5V, 2A
- 1 sets of mounting brackets with screws
- Manual

## 5.0 PANEL DESCRIPTIONS



## 6.0 Connection and Operation

