

# HDMI VIDEO EXTENDER



Made in **Singapore**  
Model: **TW-AD-01**

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

### 1.0 INTRODUCTION

The **TW-AD-01** 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 perform long extension and multiple display solution. It supports a HDMI signal transmission without loss.

### 2.0 FEATURE

- Cat 6 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 , IEEE 802.3 Ethernet
- Chip : TF680
- 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, HDCP 1.2,1.3
- 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 fullHD 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
Material	zinc alloy

### 4.0 PACKAGE CONTENTS

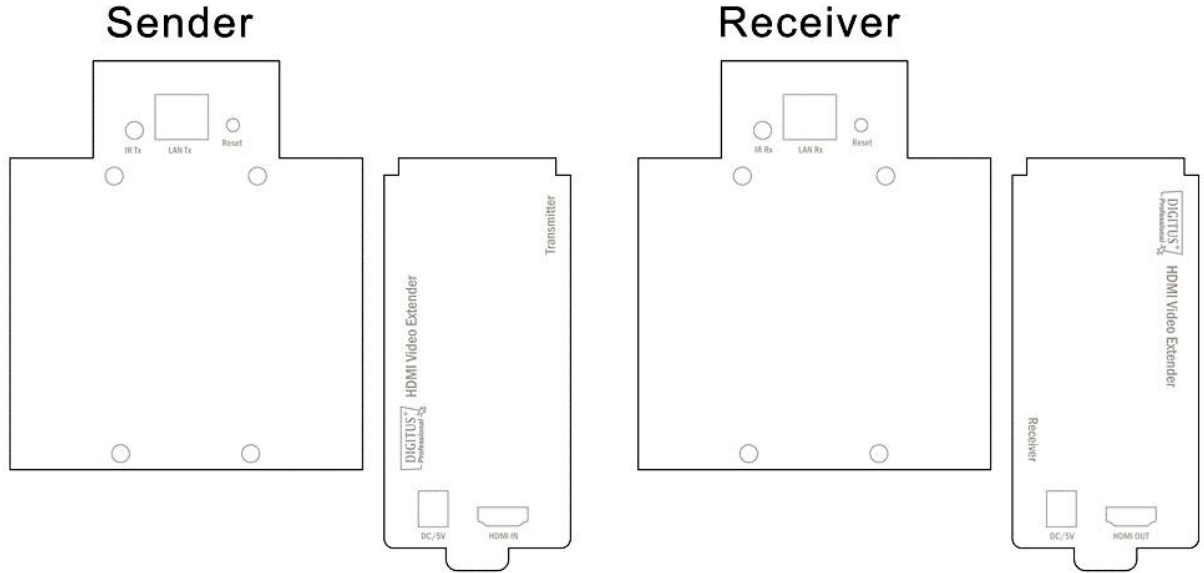
#### **TW-AD-01** (Sender only)

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

#### **TW-AD-01** (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

