

# **USER MANUAL**

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## **HDMI Extender by Cat5e/6 with Pigtail Support 3D (30M)**

### **Dear Customer**

Thank you for purchasing this HDMI Extender. 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 video Extender lets you extend HDMI video and audio by up to 100 feet (30 Meters) over dual Ethernet cables. With support for High-Definition resolutions of up to 1920x1080 / 1080p and the accompanying digital audio, this cost-effective HD extender can easily be installed using new or existing Ethernet infrastructure wiring. For cost-saving, the extender can power over HDMI Cable and does not require a power adapter, you can easily extend an HDMI signal in areas where access to power outlets is limited

### **2.0 Feature**

- \* Use cost-saving Ethernet cable to achieve long distance transmission
- \* Power over HDMI
- \* Follow the standard of IEEE-568B
- \* Transmission distance can be up to 30m@1080p via Cat-6 Cable
- \* Support highest video resolution 1080p
- \* Support 165MHz/1.65Gbps per channel (4.95Gbps all channels) bandwidth
- \* Support 8bit per channel (24bit all channels) deep color
- \* HDCP pass-through
- \* Support uncompressed audio such as LPCM
- \* Support compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio and Dolby TrueHD).
- \* Support 3D

**Note: Dolby is a trademark of Dolby Laboratories.**

### 3.0 Specification

Input Video Signal	0.5-1.0volts/p-p
Input DDC Signal	5 Volts p-p (TTL)
Maximum Single Link Range	1080p
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.65Gbps/165MHz
Transmission Distance(via Cat-6 Cable)	30m@ 1080p
Interlaced Resolutions(50&60Hz)	480i,576i,1080i
Progressive Resolutions(50&60Hz)	480p,576p,720p,1080p
Limited Warranty	1 Year Parts and Labor
Operating Temperature	0°C to 70°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	Power over HDMI
Power Consumption(Max)	5W
Extender Unit Cert	FCC.CE, RoHS
User Manual	English Version

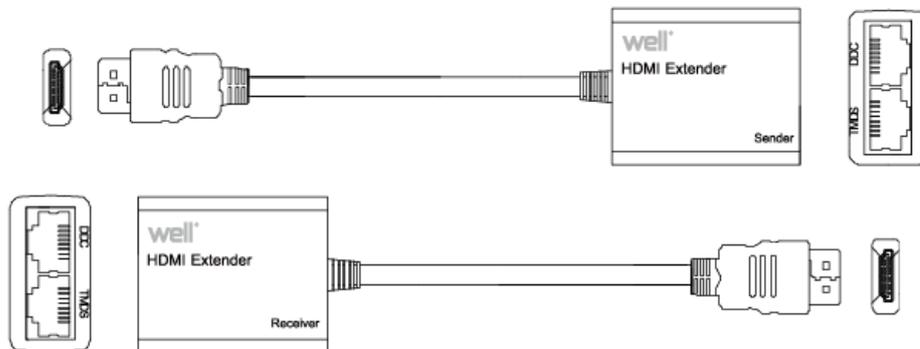
**Note:**

1. Ethernet cable quality affects the product performance.
2. Specification is subject to change without prior notice.

### 4.0 Package Content

- 1) Main Unit NO.1 Sender
- 2) Main Unit NO.2 Receiver
- 3) User Manual

## 5.0 Panel Description



## 6.0 Connection and Operation

- 1) Plug the fixed HDMI cable of the sender into the HDMI input source such as FHD-DVD, PS3 and STB etc.
- 2) Connect two CAT-5e/6 cables to the output of the transmitter and input of the receiver
- 3) Plug the fixed HDMI cable of the receiver into the HDMI display (such as: HD-LCD, HD-DLP)

**Attention: Insert/Extract cable gently**

## 6.1 Connection Diagram

