1、Introduction

HDMI Over Ethernet is based on TCP/IP standard. It transmit your HD display with the high resolutions up to 395 feet (120 meters) away from your HDMI or DVI-D source by using one CAT5e/6 cable. With the advantage of TCP/IP standard，you can extend your HD video to multiple displays by using an Ethernet Switch.

HDTV Resolutions	460p 576p 720p 1080p
Audio	Sample rate: 32kHz 44.1kHz and 48kHz
IR remote control	38KHz NEC
HDMI	HDMI 1.3
HDCP	HDMI 1.2
Power adapter	Input: 100V - 240V (50 - 60Hz) Output: 5V/1A
Power consumption	HDMI Sender 3W HDMI Receiver 3W
Size(L-W-H)	92×79×28mm
Weight	230g
Operating Temperature/Humidity	0℃ - 70℃ / 10% - 80%RH(no condensation)
Storage Temperature/Humidity	-10℃ - 80℃/ 5% -90% RH(no condensation)
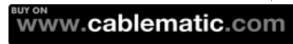
2、Specifications

- Following TCP/IP standard.
- Support HDMI1.3 protocol.
- HDCP1.1 & 1.2 protocol compliant
- Support point-to-point mode, one point-to-many mode and cascade connection mode.
- Support IR extender function allows IR remote control of Source devices from remote viewing location by sending IR commands received in the vicinity of the Display back to the Source devices.

3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

1) Main unit No. 1 Sender , Main unit No. 2 Receiver
2) Two pieces of 5V DC Power Supply.
3) a pieces of IR transmitter and a pieces of IR receiver
4) User's Manual

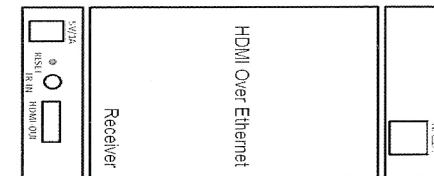## 4、Panel Descriptions
HDMI Transmitter

5V/1A	Supply power for the Transmitter
RESET	Hold down the key the model will re-start
IR-Out	Connect transmitter this Port
HDMI - IN	Connect HDMI sink source to this Port

HDMI Receiver

5V/1A	Supply power for the Receiver
RESET	Hold down the key the model will re-start
IR-IN	Connect receiver this Port
HDMI - Out	Connect HDMI sink device to this Port

5、Connection and operation

1) Connect the HDMI source (such as DVD, PS3, STB) to the HDMI IN of Sender.
2) Connect the IR sender to the Sender IR OUT Port, and Be Directed at HDMI video source's IR receiver.
3) Connect the HDMI out of Receiver to HDTV display.
4) Connect the IR receiver to the Receiver IR IN Port.
5) Use one Cat5e/6 cable up to 120m to connect the Sender and Receiver.
6) Plug two pieces of 5V power supply into the Sender and Receiver.
7) Power on the HDTV display and HDMI source.

6、Application diagrams

Application 1

Application 2