

EK-60VM



1. Introduction

This HDMI Extender includes a transmitter unit (TX) and a receiver unit(RX), working as a pair. It allows for transmission and extension uncompressed full HD 1080p@60Hz HDMI signal via CAT6/6A/7 network cable, the transmission distance is up to 60 meters with zero latency . also it supports PoE to power the receiver (Connect power supply to the Transmitter unit only, each unit willpower up, as the Receiver unit is powered by the Transmitter unit through network cable). This product is perfect for AV transmission in applications of HD conference system, HD video shooting, HD multimedia education system, HD digital advertising and signage etc.

2 Features

- * Extend HDMI signal up to 60m over CAT5
- * Support resolutions up to 1080P@60Hz
- * One HDMI loop out
- * Support KVM function
- * Integrated one Port
- * Real-time transmission, nearly zero latency
- * Support point to point configuration

3. Specification

Items		Specification
Power Supply	voltage / current	DC5V / 2A (1 pes only)
	power consumption	TX:2W RX: <2W
HDMI Performance and Interface	HDMI compliance	HDMI 1.3
	HDCP compliance	HDMI 1.4
	HDMI Resolution	720X576p@50Hz, 720x480p@60Hz, 1280x720p@60Hz 1920x1080p@60Hz, 640x480p@60Hz, 800x600p@60Hz, 1020x768p@60Hz, 1280x800p@60Hz, 1280x1024p@60Hz 1440x900p@60Hz, 1680x1050p@60Hz
	maximum transfer rate	10.2Gbps
	Input and Output TMDS signal	0.5 ~ 1.5Vp - p (TMDS)
	Input and Output DDC signal	5Vp - p (TTL)

4. Packing

HDMI KVM EXTENDER EK-60VM (Receiver)	1	PCS
HDMI KVM EXTENDER EK-60VM (Transmitter)	1	PCS
Power adapter (DC 5V/ 2A)	1	PCS
BOX	1	PCS

5. Panels

• Receiver

- *HDMI X1
- *USB X 2
- *RJ45 X 1
- *POWER SUPPLY X 1
- *BUTTON RESET
- *LEO INDICATOR X 2



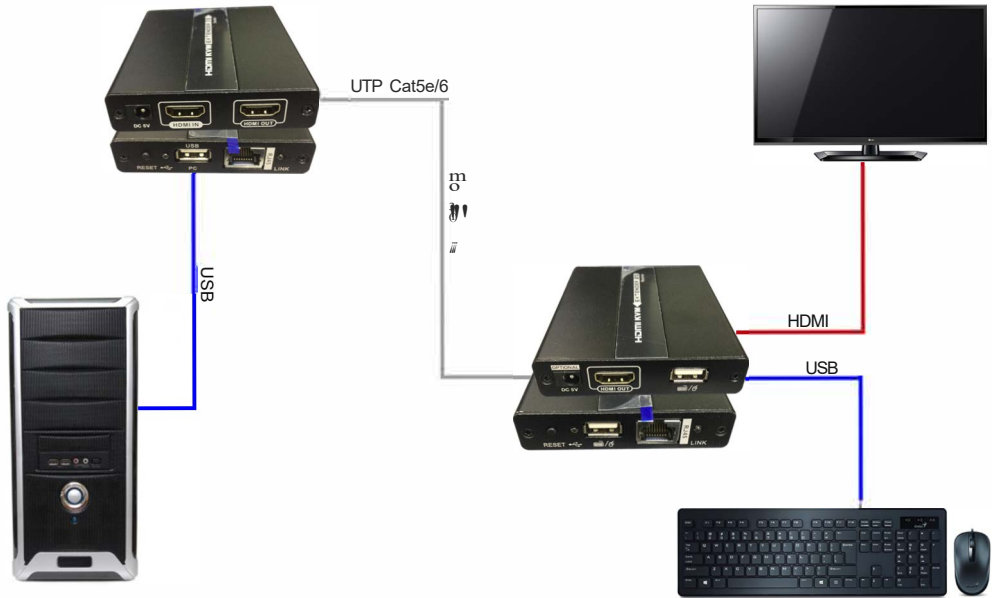
• Transmitter

- *HDMI X2 (input and loop output)
- *USB X 1
- *RJ45 X 1
- *POWER SUPPLY X 1 (dono! use)
- *BUTTON RESET
- *LEO INDICATOR X 2



6. Operation

- Connection Diagram



- POC (Power over cable), only need to power on one end.

