



*OPERATING MANUAL*  
*FOR*  
***HDMI USB IR KVM EXTENDER***

Milestone Electronics Pvt. Ltd.

# HDMI USB IR KVM EXTENDER

Milestone's HDMI USB IR KVM Extender is a device that helps in transmitting or distributing HDMI, USB & IR Signals to a distance of 120 meters through single CAT6 Cable. It requires two units i.e. one Transmitter & other Receiver for 1 to 1 application or one Transmitter & many Receiver for 1 to many applications.

## Models available

ML HUIKVMT	Transmitter Unit
ML HUIKVMR	Receiver Unit

## Features

<b>INSTALLATION</b>	Easy to install - plug and play kind.
<b>COMPATIBILITY</b>	Works with all HDMI Ports.
<b>DISTANCE</b>	120 Meters with CAT6 Cable
<b>COMPLIANT</b>	HDCP Compliant
<b>RESOLUTION</b>	Support upto 1080P full HD
<b>CAT6 CABLE</b>	Standard IEEE-568B

## SPECIFICATIONS

<b>MODEL</b>	<b>ML- HUIKVMT</b>	<b>ML- HUIKVMR</b>
<b>FUNCTION</b>	TRANSMITTER	RECEIVER
<b>INPUT</b>	HDMI- 1No. USB-1No.	RJ45 (CAT6)-1No. IR IN-1No.
<b>OUTPUT</b>	RJ45(CAT6)-1No. IR OUT-1No.	HDMI-1No. USB-2Nos.
<b>LED INDICATION</b>	POWER	POWER
<b>SWITCH</b>	Reset	Reset
<b>POWER SOCKET</b>	5V/1A	5V/1A
<b>HDMI RESOLUTION</b>	Up to 1080P	Up to 1080P

# **WORKING**

## **I) ONE TO ONE OUTPUT**

Connect the source to HDMI input of Transmitter. Connect USB cable to Source & Input of transmitter. Connect IR Out (LED Cable) to IR Out Connector. Connect one end of CAT6 cable to RJ45 of transmitter & other end at RJ45 of Receiver. Connect HDMI display unit at “HDMI Out” of Receiver. Connect USB device (eg. Mouse & Keyboard) to the USB OUT of the receiver. Connect IR IN (Sensor Cable) at IR IN of Connector.

## **II) ONE TO MANY THROUGH ETHERNET SWITCH.**

Connect the source to HDMI input of Transmitter. Connect USB cable to source & Input of Transmitter. Connect IR Out (LED Cable) to IR Out Connector. Connect one end of CAT6 cable to RJ45 out of Receiver & another end to input of Ethernet Switch. Connect the required no. of Receiver (ML HUIKVMR) at the other end of Ethernet Switch through CAT6 Cable. Connect HDMI display unit at “HDMI OUT” of all the Receivers. Connect IR IN (Sensor Cable) at IR IN of Connector.

**Note:** 1) Press reset button if any abnormal display is observed after connecting all the displays.

2) IR IN (Sensor) Cable & IR OUT (LED) Cable is Optional.

