HDMI® Extender over IP

MVE-AHMPM-01NQ
HDMI over IP Kit (1 Transmitter and 1 Receiver)
MVE-AHMPM-01NTQ
HDMI over IP (Transmitter)
MVE-AHMPM-01NRQ
HDMI over IP (Receiver)

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

The MVE-AHMPM-01NQ HDMI Extender over IP extends the range of HDMI signals using an active transmitter and receiver to send video and audio over a single Cat5e/6 cable. The MVE-AHMPM-01NQ supports One-to-One, One-to-Many, and Many-to-Many installation via VLAN, as well as a cascading installation of multiple units for extended range.
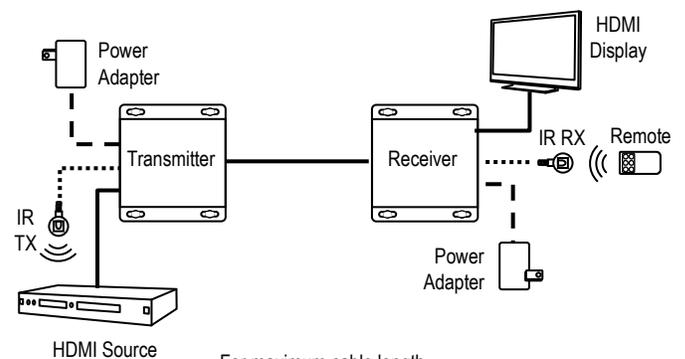
Features:

- Extends HDMI over one Cat5e/6 cable or IP network
- Supports One-to-One, One-to-Many, and Many-to-Many applications
- Supports cascaded installation
- IR Pass-through support (38kHz~56kHz)
- HDCP Compliant
- Transmitter (MVE-AHMPM-01NTQ) and receiver (MVE-AHMPM-01NRQ) also available separately

1080p	IP	IR Support	Up to 390ft

Specifications:

Model	Transmitter MVE-AHMPM-01NTQ	Receiver MVE-AHMPM-01NRQ
Maximum video resolution	1080p	
Deep color	24-bit	
Video formats supported	DTV/HDTV: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p	
Range – 1080p · Cat6	390ft (120m)	
Range – 1080p · Cat5e	360ft (110m)	
IP addressing	Static or dynamic	
Default IP address (static)	192.168.168.55	192.168.168.56
Default MAC address	00:0b:78:00:60:01	00:0b:78:00:60:02
IR frequency	38kHz~56kHz	
Operating voltage	5VDC@1A	
Power consumption	3W	
Operating temperature	23°~95° F (-5°~35° C)	
Dimensions	$4^{1}/_{16}$"x$3^{11}/_{16}$"x1" (104x94x25mm)	
Weight	7.8-oz (221g)	

Sample Application – One-to-One:

Power Adapter
HDMI Display
Transmitter
Receiver
IR RX   Remote
IR TX
Power Adapter
HDMI Source

For maximum cable length, see "Specifications"

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Sample Application – One-to-Many, Switch/Router:
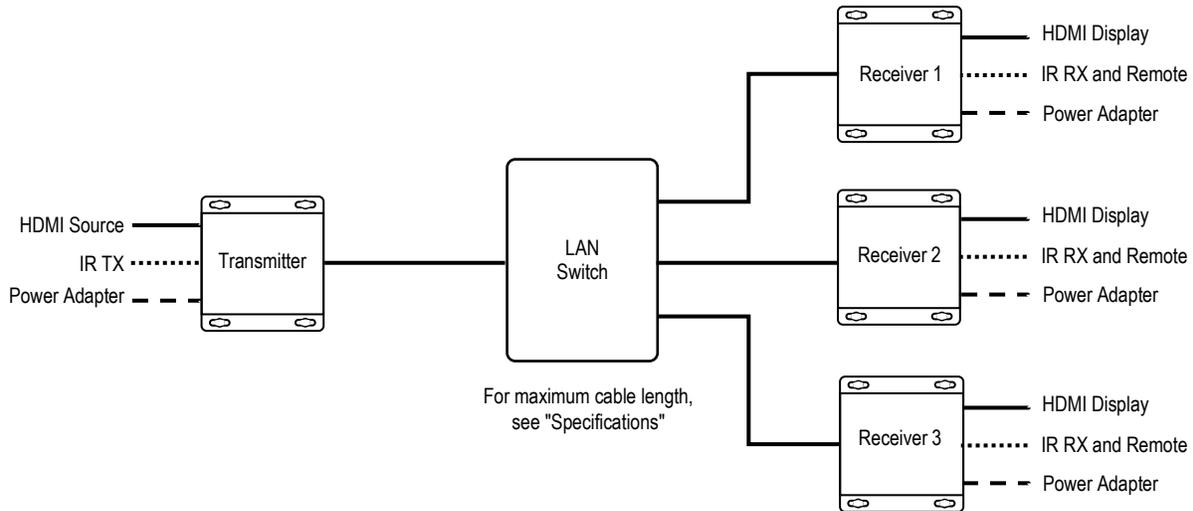
Sample Application – Many-to-Many, VLAN Switch:

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