

# HDMI Over Single Cat5e/6

## MVE-AH020Q Up to 164-ft. Range at 1080p Resolution

*The MVE-AH020Q uses a single low-cost Cat5e/6 cable to transmit HDMI signals instead of heavier, less flexible and more expensive HDMI Cables.*

### Features:

- ▶ Connect HDMI equipment using a single low-cost Cat5e/6 cable.
- ▶ Works with 1080p high-definition video and audio up to 196ft (60m).
- ▶ Zero signal loss.
- ▶ Video formats supported:  
480i/480p/576i/576p/720p/1080i/1080p
- ▶ Built-in equalization and signal-boost function.
- ▶ Auto adjusts the equalization and amplification to eliminate feedback.
- ▶ Compact size.
- ▶ 5VDC power supply included.

### Specifications:

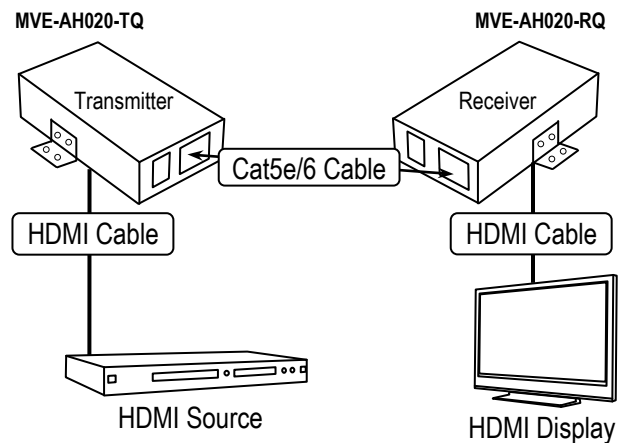
Input video signal		0.5~1 Vp-p
Maximum single link range		1920 x 1200, 1080p
Output video		HDMI 1.2a
Video formats supported		1080p/1080i/720p/576p/576i/480p/480i
Range	1080p	Cat5e: 98' (30m) / Cat6: 164' (50m)
	1080i,720p	Cat5e: 164' (50m) / Cat6: 197' (60m)
	576p, 480p	Cat5e: 197' (60m) / Cat6: 213' (65m)
	576i, 480i	Cat5e: 213' (65m) / Cat6: 230' (70m)
Current draw	Transmitter	780mA@5VDC
	Receiver	109mA@5VDC
Video amplifier bandwidth		1.65Gbps/165MHz
Vertical frequency range		50/60 Hz
Operating temperature		32°~158° F (0°~70° C)
Operating humidity		10~85 % RH (no condensation)
Size		3 <sup>15</sup> / <sub>16</sub> "x2 <sup>1</sup> / <sub>2</sub> "x1" (100x65x25.5 mm)
Weight		13.6-oz (385g)
Power supply		2A@5VDC (2 adapters included)



**Sold in pairs: Each set contains one transmitter and one receiver.**



### Sample Application:



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