

HDMI® Extenders with KVM

MVE-AH1E1-03U Up to 1080p, 328ft (100m)

MVE-AH1E1-43U Up to 4K, 230ft (70m)

The ENFORCER HDMI® Extenders with KVM and PoC allow you to transmit HDMI audio and video as well as a USB signal up to 328ft (100m)* over a single Cat6/6A cable using an active transmitter and receiver, allowing remote operation of a device such as a computer or NVR/DVR. The extenders also provide HDMI loop-out and KVM.

Features

- Display up to 4K@60Hz (MVE-AH1E1-43U only)
- Zero-latency transmission over a single Cat6/6A
- Supports USB keyboard and mouse (KVM)
- Supports point-to-point connections
- Transmitter includes HDMI loop-out
- Lightning protection, surge protection, and ESD protection
- Supports Power over Cable (PoC) for easy setup with a single power source on either the transmitter or receiver



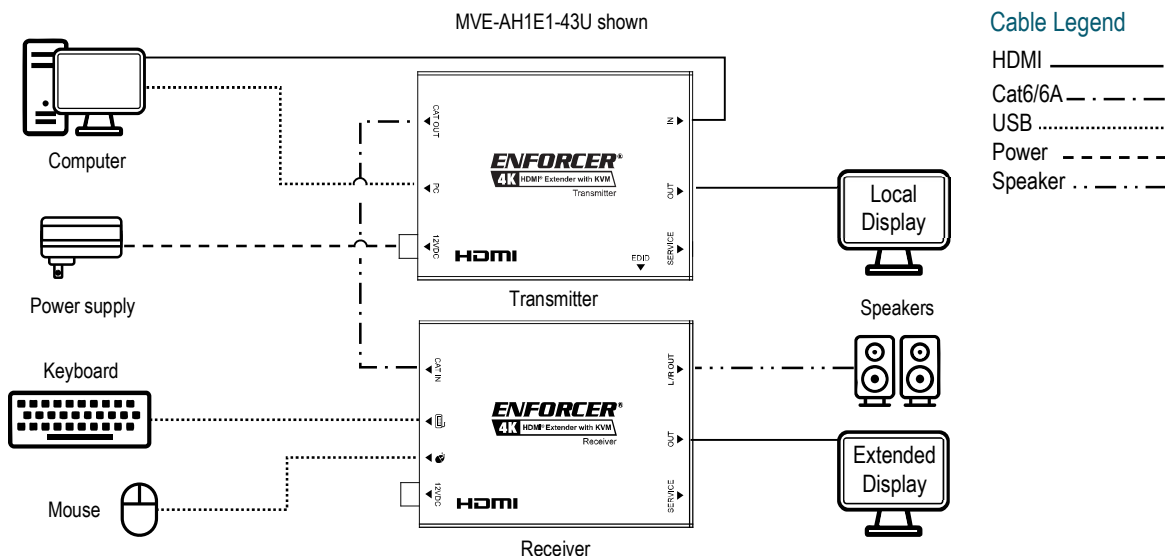
MVE-AH1E1-03U



MVE-AH1E1-43U



Sample Application



*MVE-AH1E1-03U only

Specifications

Model	MVE-AH1E1-03U	MVE-AH1E1-43U
Video bandwidth	4.95Gbps	18Gbps
Video resolution	Up to 1080p@60Hz 1920x1200@60Hz	Up to 4K@60Hz
HDR	Not supported	HDR, HDR10, HDR10+, Dolby Vision, HLG
Color space	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color	8 bit	8/10/12 bit
Audio formats	LPCM 2.0CH	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+)
Transmission range (Cat6/6A)	328ft (100m)	230ft (70m)
Cat6/6A Wiring standard	T-568B	
Power supply	12VDC@1A	
Current draw	<12W	
ESD Protection	IEC 61000-4-2: ± 8kV (Air-gap discharge) & ± 4kV (Contact discharge)	
Operating humidity	20~90% (relative humidity, non-condensing)	
Storage humidity	10~90% (relative humidity, non-condensing)	
Operating temperature	32°~104° F (0°~40° C)	
Storage temperature	-4°~140° F (-20°~60° C)	
Dimensions	3 ⁹ / ₁₆ "x2 ¹¹ / ₁₆ "x7 ⁷ / ₈ " (90x68x22 mm)	
Weight	6-oz (170g)	

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