

HDMI Extenders with KVM Comparison Chart


Model	MVE-AH1E1-03U 	MVE-AH1E1-01UQ 	MVE-AH1E1-43U 	MVE-AH1E1-42UQ 
Video bandwidth	4.95Gbps		18Gbps	
Video resolution	Up to 1080p@60Hz 1920x1200@60Hz	Up to 1080p	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	
Video formats supported	High-speed HDMI, HDCP 1.4		High-speed HDMI, HDCP 2.2	
Audio formats supported	LPCM 2.0CH	PCM, LPCM, DTS-HD, DTS-Audio	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+)	LPCM, DTS HD, DTS-Audio, Dolby Digital 5.1CH
Transmission range	Up to 328ft (100m) (Cat6/6A)	Up to 230ft (70m) (Cat6/6A/7)	Up to 230ft (70m) (Cat6/6A)	Up to 230ft (70m) (Cat6/6A/7)
Wiring standard	T-568B (Cat6/6A)	T-568B (Cat6)	T-568B (Cat6/6A)	T-568B (Cat6)
Operating voltage	12VDC	5VDC	12VDC	5~12 VDC
Power supply	12VDC@1A	5VDC@1A	12VDC@1A	5VDC@2A
Current draw	<12W	<2.5W	<12W	<4W
Operating humidity	20~90% (relative humidity, non-condensing)	0~90%	20~90% (relative humidity, non-condensing)	0~90%
Operating temperature	32°~104° F (0°~40° C)	-4°~140° F (-20°~60° C)	32°~104° F (0°~40° C)	-4°~140° F (-20°~60° C)
Dimensions	3 ⁹ / ₁₆ "x2 ¹¹ / ₁₆ "x7 ⁷ / ₈ " (90x68x22 mm)	2 ¹⁵ / ₁₆ "x3 ³ / ₈ "x3 ¹ / ₄ " (74x85x19 mm)	3 ⁹ / ₁₆ "x2 ¹¹ / ₁₆ "x7 ⁷ / ₈ " (90x68x22 mm)	5 ¹³ / ₁₆ "x4 ¹ / ₂ "x1" (148x105x25 mm)
Weight	6-oz (170g)	6.3-oz (180g)	6-oz (170g)	9.2-oz (260g)

Tabla comparativa de extensores HDMI con KVM

Modelo				
Ancho de banda de video	4.95Gbps		18Gbps	
Resolución de video	Hasta 1080p@60Hz 1920x1200@60Hz	Hasta 1080p	Hasta 4K@60Hz	
HDR	No compatible		HDR, HDR10, HDR10+, Dolby Vision, HLG	
Espacio de color	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	
Formatos de video compatibles	Alta velocidad HDMI, HDCP 1.4		Alta velocidad HDMI, HDCP 2.2	
Formatos de audio compatibles	LPCM 2.0CH	PCM, LPCM, DTS-HD, DTS-Audio	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+)	LPCM, DTS HD, DTS-Audio, Dolby Digital 5.1CH
Alcance de transmisión	Hasta 328ft (100m) (Cat6/6A)	Hasta 230ft (70m) (Cat6/6A/7)	Hasta 230ft (70m) (Cat6/6A)	Hasta 230ft (70m) (Cat6/6A/7)
Estándar de cableado	T-568B (Cat6/6A)	T-568B (Cat6)	T-568B (Cat6/6A)	T-568B (Cat6)
Voltaje de operación	12VCC	5VCC	12VCC	5~12 VCC
Fuente de alimentación	12VCC@1A	5VCC@1A	12VCC@1A	5VCC@2A
Consumo de corriente	<12W	<2.5W	<12W	<4W
Humedad de operación	20~90% (humedad relativa, sin condensación)	0~90%	20~90% (humedad relativa, sin condensación)	0~90%
Temperatura de operación	0°~40° C (32°~104° F)	-20°~60° C (-4°~140° F)	0°~40° C (32°~104° F)	-20°~60° C (-4°~140° F)
Dimensiones	90x68x22 mm (3 ⁹ / ₁₆ "x2 ¹¹ / ₁₆ "x7 ⁷ / ₈ "	74x85x19 mm (2 ¹⁵ / ₁₆ "x3 ³ / ₈ "x3 ¹ / ₄ "	90x68x22 mm (3 ⁹ / ₁₆ "x2 ¹¹ / ₁₆ "x7 ⁷ / ₈ "	148x105x25 mm (5 ¹³ / ₁₆ "x4 ¹ / ₂ "x1")
Peso	170g (6-oz)	180g (6.3-oz)	170g (6-oz)	260g (9.2-oz)