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HDMI™

HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMIE70KVMV2

4K HDMI Extender 70M with KVM control, PoC & HDMI Loop Out



- 18Gbps HDMI extender with KVM
- 1 HDMI input, 1 CAT6 output + local HDMI loop through
- Supports resolutions up to 2160p@60 4:4:4 with HDCP2.2
- Extend UHD@60 or 1080p@60 to 70m over a single CAT6 cable
- KVM control system for use with USB server or CCTV NVR
- Supports audio de-embedding via 3.5mm jack on receiver.
- EDID management system
- PoC system which can be powered from either location.
- Supports HDR, HDR10, HDR10+, Dolby Vision, HLG

Audio/Video	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@60Hz RGB/YCBCR 4:4:4
Transmission Distance	4K2K@60Hz 4:4:4 - 70m, 1080p - 70m (CAT6)
Colour Space	RGB 4:4:4 , YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Colour Depth	8/10/12 bit
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+)
Connections	
Transmitter	Input: 1 x HDMI IN (typeA, 19 pin female) Output: 1 x HDMI OUT (typeA, 19 pin female) 1 x CAT OUT (RJ45) Control: 1 x service (micro USB) 1 X USB port (type-B jack)
Receiver	Input: 1 x CAT IN (RJ45) Output: 1 x HDMI OUT (typeA, 19 pin female) 1 x L/R OUT (3.5mm stereo mini jack) Control: 1 x SERVICE (micro USB) 2 X USB port (type-A jack)
Mechanical	
Housing	Metal Enclosure
Colour	Black
Dimensions	Transmitter/Receiver: 90mm x 68mm x 22mm
Weight	Transmitter/Receiver: 170kg
Power Supply	DC 12V/1A supports bi-directional PoC
Power Consumption	4.2W (max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

