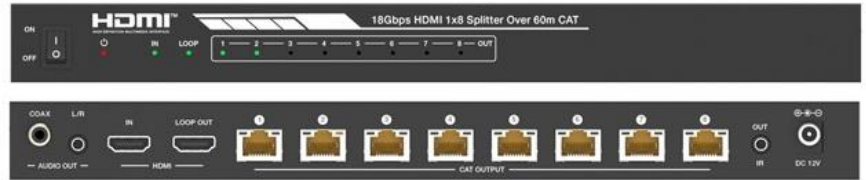


DVDO



DVDO-Splitter-18-CAT

4K 1x8 HDMI Splitter with CAT Outputs

DVDO-Splitter-18-CAT is an 18Gbps 1x8 HDMI splitter that can distribute a single HDMI source signal to any 8 display devices, with supported video resolutions up to 4K2K@50/60Hz 4:4:4.

The splitter has 1 HDMI loop output in addition to the 8 CAT outputs and comes with 8 CAT receivers.

The HDMI signal transmission distance can be extended up to 115ft/35m at the resolution of 4K2K@60Hz, or 164ft/50m at 4K2K@30Hz, or 197ft/60m at 1080p@60Hz via a single CAT6/6a/7 cable.

DVDO-Splitter-18-CAT supports one-way IR control signal pass-through, audio extract function and advanced EDID management.



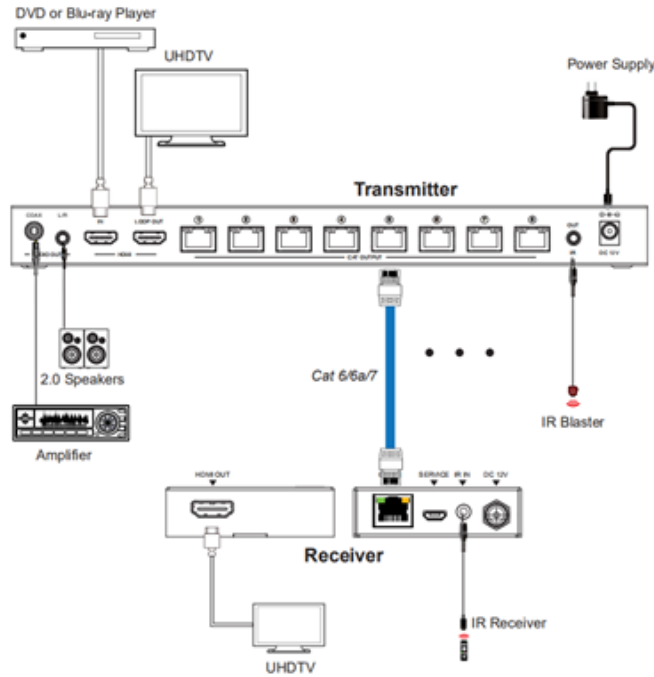
Features

- Includes 1x8 splitter and 8 CAT receivers
- HDMI 2.0, HDCP 2.2 / 1.x and DVI 1.0 compliant
- 18Gbps video bandwidth
- Supports video resolutions up to 4K2K@50/60Hz 4:4:4
- 3D, HDR, HDR10+, HLG, Dolby Vision
- Up to 7.1CH HD audio pass-through
- Digital and analog audio de-embedded outputs
- Extend the signal transmission distance up to 115ft/35m at the resolution of 4K2K@60Hz, 164ft/50m at 4K2K@30Hz, 197ft/60m at 1080P@60Hz via a single CAT6/6a/7 cable
- 1 HDMI input, 1 HDMI loop output and 8 CAT outputs
- One-way IR control signal pass-through
- Advanced EDID management
- One-way PoC function (only from transmitter to receiver)

Applications

- Conference Rooms
- Hospitality
- Digital Signage
- Houses of Worship
- Education
- Restaurants
- Retail
- Residential

Application Diagram



Technical Specifications

Technical		Connections	
HDMI Compliance	HDMI 2.0b	Input port	1 x HDMI IN [Type A, 19-pin female]
HDCP Compliance	HDCP 2.2 / 1.x	Output ports	1 x HDMI LOOP OUT [Type A, 19-pin female] 8 x CAT OUTPUT [RJ45, 8-pin female] 1 x COAXIAL AUDIO OUT [RCA] 1 x L/R AUDIO OUT [3.5mm Stereo Mini-jack]
Video Bandwidth	594MHz / 18Gbps	Control	1 x SERVICE [Micro USB, Update port] 1x EDID DIAL switch [5-pin] 1 x IR OUT [3.5mm Stereo Mini-jack]
Video Resolutions	Input & Loop Out: 480i~1080p50/60Hz, 4K2K@24/30/60Hz	Mechanical	
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz, 4K2K@60Hz YCbCr 4:2:2 / 4:2:0) 8-bit (4K2K@60Hz YUV 4:4:4)	Housing	Metal Enclosure
Color Space Depth	RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0	Color	Black
HDR	HDR10, HDR10+, HLG, Dolby Vision	Dimensions	Transmitter: 300mm (W) × 100mm (D) × 28mm (H) Receiver: 88mm (W) × 61mm (D) × 18mm (H)
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD	Weight	Transmitter: 823g / Receiver: 155g
Analog Audio Formats	PCM 2.0CH	Power Supply	Input: AC100 ~ 240V 50/60Hz Output: DC 12V/2.5A (US/EU standards, CE/FCC/UL certified)
Coaxial Audio Formats	LPCM 2.0, LPCM 5.1, Dolby Digital 2/5.1CH	Power Consumption	25.44W (max)
ESD Protection	Human body model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)	Operating Temperature	32 ~ 104°F / 0 ~ 40°C
		Storage Temperature	-4 ~ 140°F / -20 ~ 60°C
		Relative Humidity	20 ~ 90% RH (no condensing)