

HDMI-RE-4K

18 Gbps HDMI Repeater

FEATURE:

- HDMI 2.0b, HDCP 2.2 compliant
- Up to 4K2K@60Hz with 24 bit RGB/YCBCR 4:4:4
- HDR, HDR10, HDR10+, Dolby Vision pass through
- Supports LPCM7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Built-in Equalizer, Retiming and Driver
- Extending HDMI cables up to 30m at 4K@60Hz self-powered active circuitry
- CEC pass-through



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The HDMI 18 Gbps Repeater is the most advanced solution for HDMI signal extension/cascade. It can amplify and equalize signals to improve the quality of audio and video signal. It supports the transmission distance up to 8m at the resolution of 4K2K@50/60Hz(YUV_444), 15m at 4K2K@60Hz(YUV_420) and 20m at 1080p@60Hz. Capable of receiving and transmitting 18 Gbps bandwidth rate with CDR (Clock Data Recovery) to ensure no data loss.



Accessories

18 Gbps HDMI Repeater



HDMI-RE-4K 18Gbps HDMI Repeater

SPECIFICATIONS:

Technical

HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18 Gbps
Video Resolution	Up to 4k2k@60Hz YUV 4:4:4
Color Space	RGB, YCbCr 4:4:4, YUV 4:4:4, YCbCr 4:2:2/4:2:0
Color Depth	8-bit,10-bit,12-bit (1080p@60Hz)
	8-bit (4K2K@60Hz YUV4:4:4)
	8-bit,10-bit,12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTSS.1, Dolby-TrueHD, DTS-HD
ESD Protection	Human body model — ±8kV (Air-gap discharge) &±4kV (Contact discharge)

Connections

Input	1x HDMI Type A [19-pin female]
Output	1x HDMI Type A [19-pin female]

Mechanical

Housing	Plastic Enclosure
Color	Black
Dimensions	48.6mm[W] x 25mm[D] x 15mm[H]
Weight	13g
Power Supply	HDMI
Operation Temperature	32°F - 104°F / 0°C - 40°C
Storage temperature	-4°F - 140°F / -20°C - 60°C
Relative Humidity	20 - 90% RH (no condensation)