

EX1L



HDMI 2.0b (18Gbps) 120m Extender over Category cable



The EX1L is a HDMI 2.0b (18Gbps) over category cable extender that supports the entire HDMI 2.0b format including all versions of HDR and DolbyVision™. Other features include single ended power (either end), 120m distance at 4K (150m at 1080p), Bi-Directional 12V IR, RS232, 3.5mm mini jack audio breakout at the RX and the TX. S/PDIF audio breakout at the RX.

Features:

- HDMI 2.0b (18Gbps)
- HDR 8/10/10+ & Dolby Vision™ Support
- Single power supply (either end)
- RS232
- 2-Way 12V IR (kit included)
- Audio breakout at RX and TX
- Supports HBR (High Bit Rate Audio)
- Supports all versions of Multi-Channel Audio
- 120m (394ft.)/150m (492ft) 4k/1080p
- 3-Year Warranty

833-HDMI-411 (436-4411) •

Specifications:

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz YUV4:4:4, 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	8, 10, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	TX: 1x HDMI Type A [19-pin female] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x RS232 [Phoenix jack] 1x Service [Mini-USB jack] RX: 1x HDBaseT In [RJ45] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x RS232 [Phoenix jack] 1x Service [Mini-USB jack]
Outputs	TX: 1x HDBaseT Out [RJ45] 1x IR OUTPUT [3.5mm Mono Mini-jack] 1x HDMI Type A [19-pin female] 1x 3.5mm mini jack [audio] RX: 1x HDMI Type A [19-pin female] 1x IR OUTPUT [3.5mm Mono Mini-jack] 1x Optical S/PDIF [audio] 1x 3.5mm mini jack [audio]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	155mm/6.1" [W] x 75mm/2.95" [D] x 18mm/0.71" [H]
Weight	299g/10.5oz.
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	24W (Max)
Op. Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)