38392

300M FIBRE OPTIC HDMI 4K60 DONGLE EXTENDER

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The Lindy Fibre Optic HDMI® 4K60 Dongle Extender is an effective, reliable solution for extending UHD HDMI® transmissions over incredible distances up to 300m using one simplex LC OM3 or OM4 multi-mode (50/125µm) fibre optic cable.

The extender can transmit 3840x2160@60Hz 4:4:4 8bit signals up to 300m with a OM3 or OM4 cable using smart methods of compression which decompresses the video at the receiver, allowing for distribution of visually lossless UltraHD content. With HDR (High Dynamic Range), HLG and Dolby Vision support, content can be seen enhanced contrast, and a much wider colour gamut, perfect for a true home cinema experience or eye-catching digital signage in retail settings. HDCP 2.2 compatibility allows protected 4K content, including Blu-Ray movies, TV shows & streaming services to be enjoyed without issue.

Support for lossless audio formats including Dolby Atmos & Dolby TrueHD adds powerful multi-channel sound to video content, providing an enhanced experience and sense of realism to the viewer.

The use of cost-effective LC multi-mode fibre optic cabling allows for the transmission of high bandwidth audio and video signals over incredible distances, far greater than is achievable with traditional copper-based extension systems. Fibre optic cables are also completely immune to any electromagnetic and radio frequency interference which makes this extender an ideal solution for installations within environments susceptible to high interference such as medical, aerospace and manufacturing facilities. The compact size and flexibility also allow for easy installation under floors and within wall partitions.

The low power requirement and super slim form factor provide invaluable flexibility when incorporating this extender into new and existing installations. The enclosed HDMI® extension cables allows each module to be placed in a convenient location near the source and display without blocking ports and creating a discreet installation. The transmitter unit can be connected and powered by a variety of HDMI® source and devices while the receiver needs to be powered via the USB Micro-B port connecting it to a 5V USB charger or any powered USB port.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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PRODUCT DETAILS

KEY FEATURES

- Extend HDMI® signals up to 300m using a single simplex LC OM3 or OM4 multi-mode cable
- Supports UHD resolutions up to 4K@60Hz 4:4:4 8Bit
- Experience an expanded range of contrasts and colours with HDR (High Dynamic Range)
- Supports lossless HDMI® audio formats including Dolby Atmos & DTS-X
- 2-year warranty

SPECIFICATIONS

AV Interface	HDMI®
Supported Bandwidth	18Gbps as specified in 2.0 release
Maximum Distance	300m (984.24ft)
Maximum Resolution	3840x2160@60Hz 4:4:4 8bit
HDCP Support	2.2
EDID Pass Through	Pass-through
Supported Audio	Pass-through
Transmission Medium	1 x Simplex LC (50/125µm)
Laser Class (only for Fibre)	1
Wavelength (only for Fibre)	850nm
Special Features	self-powered Tx, ARC & CEC supported
Transmitter Input	HDMI® Type A (Male)

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Transmitter Output	Simplex LC
Receiver Input	Simplex LC
Receiver Ouput	HDMI® Type A (Male)
Power	USB Micro-B
Dimensions (approx.) WxDxH	45x20x12mm (1.79x0.81x0.49in) per unit
Housing Material	Aluminium
Net Weight	0.7Kg (1.45lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Humidity	20-90% RH (non-condensing)
Power Requirements	Transmitter 0.9W (max), Receiver 0.2W (max)
Colour	dark grey
Unit	Receiver and Transmitter

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