

MPN: MC-USBCHDMIEXT-30M

USB-C to HDMI Extender via ethernet, 30m distance at 4k@120Hz

The USB-C to HDMI Extender is the perfect solution for extending high-quality 4K@120Hz video over long distances, up to 30 meters (100 feet). Designed for USB-C devices with DP Alt Mode, this extender ensures a seamless and reliable HDMI connection, making it ideal for digital signage, presentations, gaming, and professional AV setups.

With support for DSC (Display Stream Compression) technology, this extender maintains superior video quality while optimizing bandwidth for smoother transmission. It is also fully compatible with HDCP 2.3, HDR formats, and uncompressed/ compressed audio formats, ensuring a premium viewing and audio experience.



- Long-Distance 4K Extension – Extends USB-C (DP Alt Mode) to HDMI up to 30m (100ft) while maintaining 4K@120Hz 4:4:4 video quality.
- Advanced DSC Compression – Supports Display Stream Compression (DSC 1.2a) for efficient bandwidth usage without compromising video quality.
- Full HDR & HDCP Compatibility – Works with HDR10, Dolby Vision, and HDCP 2.3/2.2/1.4 for high-end visual performance.
- Superior Audio Support – Compatible with both uncompressed LPCM and compressed DTS, Dolby Digital, DTS-HD Master Audio, and Dolby TrueHD formats.
- High-Speed Data Transmission – Provides a data transfer rate of up to 8Gbps per channel (32Gbps total) for smooth and stable performance.
- Versatile Application – Perfect for home theaters, gaming setups, office presentations, and digital signage, ensuring seamless connectivity in any environment.

Specifications

Features

Bidirectional	No
Cable length	0.20 m
Cable types supported	Cat6, HDMI
HDCP	Yes
HDCP & EDID bypass	Yes
High Dynamic Range (HDR) supported	Yes
Maximum resolution	3840 × 2160 pixels
Plug and Play	Yes
Product colour	Silver
RoHS compliance	Yes

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage relative humidity (H-H)	5 - 90 %

Packaging content

Cables included	USB Type-A - USB Type-C
Manual	Yes
Packaging content	1x Main unit TX and RX, 1x USB a to USB-C power cable and 1x User manual

Packaging content	Quick start guide	Yes
Ports & interfaces	Connectivity technology	Wired
	Number of HDMI outputs	2
	RJ-45 input ports	1
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	USB connector type	USB Type-C
Power	AC input voltage	5 V
	Power consumption (receiver) (max)	3.5 W
	Power consumption (transmitter) (max)	4 W
Vendor information	Brand Name	MicroConnect
	Warranty	25 Year(s)

Other images

