

USB Type-C Extender over Lan (60M) 4K@60Hz (ER2693UCEX)



Introduction

Introducing our cutting-edge Type-C transmitter and receiver kit, designed to deliver unparalleled performance and reliability in high-definition audio and video transmission. With zero latency achieved with CAT6/6A/7 network cables, this advanced system supports 4K@60Hz video signals with exceptional clarity and precision over distances of up to 60 meters. Ideal for a diverse range of applications including education, training, and conferences, this kit ensures seamless, high-quality connectivity for all your professional needs.

Features

- **Zero Latency Transmission:** Experience flawless, real-time performance with no delay.
- **Support for Up to 4K@60Hz Resolution:** Enjoy stunning ultra-high-definition visuals with backward compatibility for various resolutions.
- **Compatible with CAT6/6A/7 Network Cables:** Transmit signals over distances up to 60 meters for 4K@60Hz, ensuring flexibility in setup.
- **HDR10 Support:** Enhance your viewing experience with vibrant colors and improved contrast.
- **EDID Passthrough and Self-Adaptive Display:** Automatically adjust to display resolutions for optimal image quality.
- **Type-C Input and Output:** Seamlessly connect modern devices with Type-C ports.
- **Power via Type-C Port:** The transmitter can draw power directly from the source device, simplifying your setup.
- **Compact and User-Friendly:** Enjoy a sleek, plug-and-play design for hassle-free installation.

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Specifications

SKU Code	ER2693UCEX	
Item Name	USB Type-C Extender over Lan (60M) 4K@60Hz	
Compatibility	Voltage	TX: Power by the signal source RX: DC 5V/1A
	Power consumption	TX<3W, RX<4W
HDMI performance	HDCP Version	HDCP 2.2, HDCP 1.4
	Max transmission rate	18Gbps
	Resolution	1280x720,1280x960,1366x768,1440x900, 1680x1050,1920x1080,1920x1200, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60, 20/144Hz, 3840x2160@24/25/30/50/60
	TMDS signal	0.7~1.2Vp-p (TMDS)
	DDC signal	5Vp-p (TTL)
Transmission distance	CAT6/6a/7	4K@60Hz ≤ 60m
Audio formats	PCM, DTS, Dolby	
HDR10	Supported	
EDID passthrough	Supported, auto downscaling	
Operating environment	Working temperature	-20 ~ 45 C
	Storage temperature	-30 ~ 60 C
	Humidity	0 ~ 90% RH (no condensation)
Physical properties	Material	ABS
	Color	Black
	Dimension	71.5 (L) x 26.0 (W) x 15.0 (H) mm
	Weight	TX: 17.0g RX: 17.0g
ESD protection	1a Contact discharge 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2	

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Connection:

