

User Manual

VIVOLINK®
PROFESSIONAL AV SOLUTIONS

VLHDMIEXT60

60m HDMI 18Gbps Extender Kit



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Version: VLHDMIEXT60_20250626

1. Product Introduction

The VLHDMIEXT60 is a cost-effective point-to-point extender set. It supports 4K/UHD video @ 60 Hz with 4:4:4 Chroma sampling, as well as HDMI data rates up to 18Gbps, HDCP 2.2 compliant; It provides HDMI transmission up to 60 meters for 4K@60Hz 4:4:4 and 1080p over single CAT5e/6 cable. It supports video resolution down-scaling, the 4K input can be automatically downscale to 1080p output for compatibility with 1080p display.

1.1 Features

- Supports HDMI 2.0, up to 4K@60Hz 4:4:4, HDR 10, 18G, HDCP 2.2.
- Extends signal up to 4K@60m over single CAT5e/6 cable.
- Supports two-way PoC.
- Supports video resolution down-scaling from 4K to 1080p.
- Compact design, easy to install and simple to operate.

1.2 Package List

- 1x Transmitter (Tx)
- 1x Receiver (Rx)
- 4x Mounting Ears & 4 x Screws
- 1x Power Adaptor (DC 5V1A)
- 1x User Manual

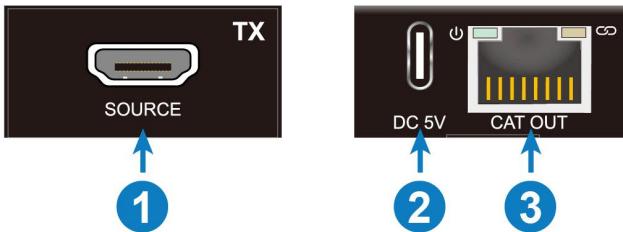
Note: Please contact your distributor immediately if any damage or defect in the components is found.

2. Specification

Transmitter	
Input	(1) SOURCE
Input Connector	(1) 19-pin type-A female HDMI
Output	(1) CATx OUT
Output Connector	(1) RJ45
Receiver	
Input	(1) CATx IN
Input Connector	(1) RJ45
Output	(1) DISPLAY
Output Connector	(1) 19-pin type-A female HDMI
General	
Video Resolution	Up to 4K@60Hz 4:4:4, HDR 10
HDMI Audio Format	Supports LPCM 2ch, LPCM 5.1ch, LPCM 7.1ch, Dolby Digital 2ch, Dolby Digital 5.1ch, DTS 2ch, DTS 5.1ch, DTS 96/24 5.1ch.
Transmission Distance	60 meters for both 4K60 and 1080p
HDMI Version	HDMI 2.0
HDCP Version	HDCP 2.2 compliant. (The HDCP of output follows the HDCP version of display device.)
Power Supply	Input: 100VAC~240VAC, 50/60Hz; Output: DC 5V1A
Operation Temperature	-5~55°C
Storage Temperature	-25~70°C
Relative Humidity	10%~90%
Dimensions (W*D*H)	88mm x 38mm x 18mm

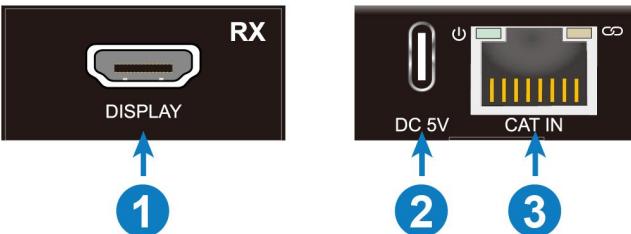
3. Panel Description

3.1 Transmitter



- ① **SOURCE:** Type-A female HDMI port to connect HDMI source device.
- ② **USB-C POWER:** 1x USB-C power input, connect to 5V1A USB-C power adapter
- ③ **CATx OUT:** RJ45 port to connect the CATx IN port of receiver by CATx cable. The green LED illuminates when power is applied. The orange LED illuminates when there is a valid HDMI signal input.

3.2 Receiver



- ① **DISPLAY:** Type-A female HDMI port to connect HDMI display device. 5V switch will follow the source signal.
- ② **USB-C POWER:** 1x USB-C power input, connect to 5V1A USB-C power adapter.
- ③ **CATx IN:** RJ45 port to connect the CATx OUT port of transmitter by CATx cable. The green LED illuminates when power is applied. The orange LED illuminates when there is a valid HDMI signal input.