

HDMI over Cat6 Extender

Includes HDMI-TX2 & HDMI-TX4



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Video Surveillance Systems for Home, Business & Government

Introduction

This HDMI extender kit includes 1 x transmitter* and 1 x receiver.

Each transmitter can extend an HDMI source up to 40m/131ft over a single Cat6/Cat6a or Cat7 cable.

Supports up to and including 1920x1080P@60Hz 7.1Ch

IR passback and EDID pass-through is included.

Only one power adapter is required (at transmitter).

*HDMI-TX2 supports up to 2 receivers. HDMI-TX4 supports up to 4 receivers. All kits include 1 receiver.

Important Notes

Do not mix up the transmitter and receiver or the IR blaster and IR receiver.

Be sure to unplug power connection *prior* to unplugging HDMI cables.

Only use the included 5vDC power supply.

Transmitter is powered by the receiver through the Cat6 cable. It is important to note that it does not comply to POE.

Package Contents



1 x Transmitter



1 x Receiver

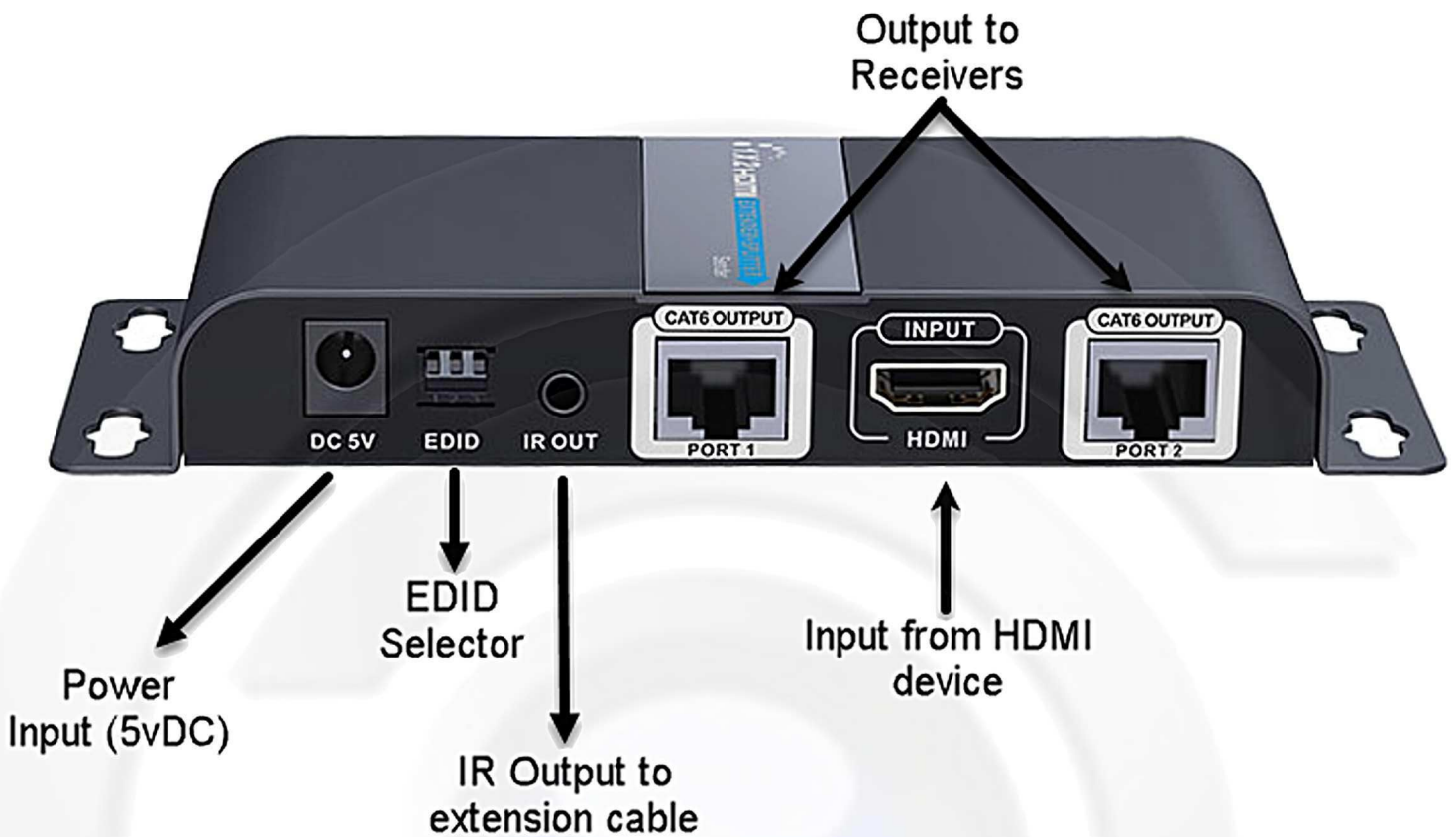


1 x IR Extension



IR Repeater
(1 included per receiver)

Transmitter



Receiver

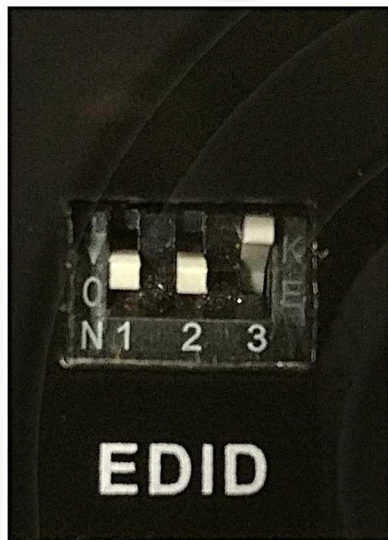


Length setting is automatic and will work for 99% of installations without adjustment. There are 12 length modes. In the event of a blinking "link" light, press the length button two times to re-adapt cable length automatically. If link light is still blinking, the unit can be cycled through the next 10 modes by pressing length button and waiting at least 4 seconds for unit to resync.

EDID Settings

By default, the transmitter is set to 720P@50Hz 2.1Ch audio in order to maximize compatibility with different monitors. The EDID switches are used to switch between video resolutions.

EDID settings should be changed with the unit powered off as some devices may not register a change otherwise.



Switch Up is 1

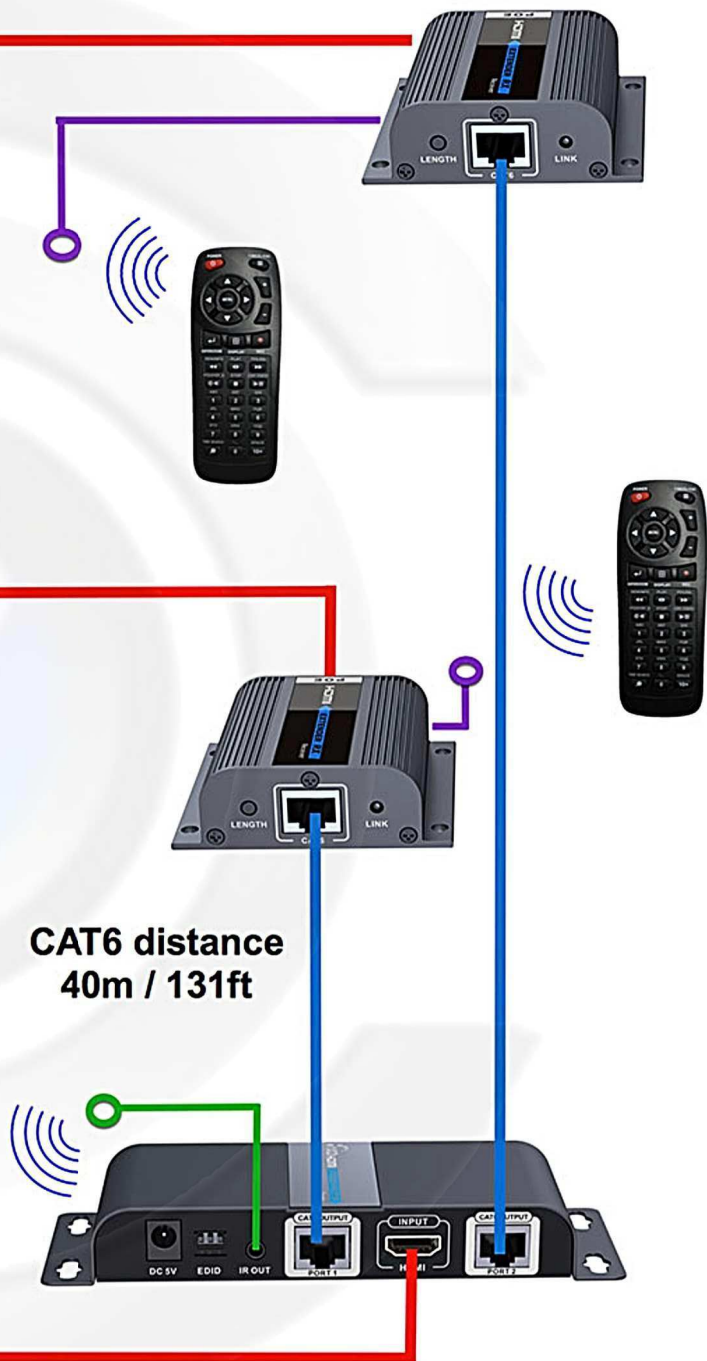
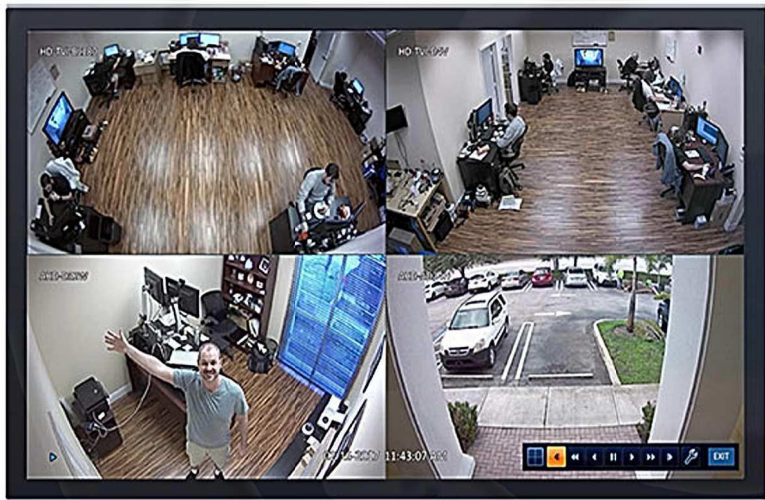
Switch Down is 0

The table below shows video resolutions based on switch combinations

Switch Status	SW1	SW2	SW3	EDID Mode
	0	0	0	720P@50Hz 2.1CH
	1	0	0	720P@50Hz 7.1CH
	0	1	0	1080i@60Hz 2.1CH
	1	1	0	1080i@60Hz 7.1CH
	0	0	1	1080P@60Hz 2.1CH
	1	0	1	1080P@60Hz 7.1CH
	1	1	1	720P@50Hz 2.1CH

Default →

Standard Installation



	Specifications
HDMI Signal	HDMI 1.3, Compatible with HDCP 1.2
Supported Resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720P@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Transmission Length	Full HD Resolution of 1080p@60hz up to 40M via Cat6
IR Signal	Supports 20~60kHz IR Remotes
Power Supply	5vDC @ 2A
Power Consumption	<9W

Troubleshooting

Issue: No image or audio on display?

Solutions: Make sure display is not in standby mode

Confirm display is set to correct input

Confirm "link" led on receiver is solid, blinking led means that there is no sync signal from transmitter

Confirm that display supports resolution set by EDID switch

Issue: Unstable or flashing image

Solutions: Click length button until image stabilizes, wait 5 seconds between clicks



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