

HDMI Extender over CAT5/6 up to 164ft. (50m)

Extend HD Signals over CAT 5/5e
up to 165ft.(50m) w/ local HDMI
Loop out

MPN: HDEXT50M

4K
ULTRA HD



The **KanexPro HDEXT50M** extender is a set of transmitter and receiver which sends full HD 1080p/60 HDMI signals over CAT5/5e cable up to 164ft. (50m). Local HDMI out for preview is built-in to the transmitter to quick view using confidence monitor. Advanced PoC (power over cable) allows this product to be powered at the transmitter requiring only one power supply. For control, the extender set can send/ receive IR signals from each other over CAT5/5e cable with IR pass-through.

Applications:

Ideally used for home theater, small office, house of worship centers and classrooms, where there is a need to remotely extend HDMI sources such as a Blu-ray player, HDMI laptop, or cable box to an HD 1080p display.

FEATURES

- Extend DVI/HDMI over cost-effective Cat5 cable up to 164 ft. (50m)
- Supports full HD 1080p (1920x1080@60Hz)
- Local HDMI output (loop out)
- Supports PoC - receiver can be powered via the transmitter
- Built-in EDID to ensure proper HDMI transmission
- Built in EQ button on the side to compensate for signal equalization
- Digital audio support through HDMI
- HDCP 1.4 compliant
- Bi-directional wideband IR control
- Plug & Play - no set-up required
- Includes IR kits & one Micro USB power supply

SPECIFICATIONS

Interface:

- Transmitter
 - Input: HDMI x1
 - Output: HDMI Local output
 - Output: Cat 5/5e x1
 - 3.5mm - IR in / IR out
- Receiver
 - Input: Cat 5/5e x1
 - Output: HDMI x1
 - 3.5mm - IR in/ IR out

Resolutions (HDTV):

- 480i/576i/480p/576p/720p/1080i/1080p

Transmission Distance:

- Up to 164 feet(50m).
 - Resolution may vary based on CATx cables used, signal interference and other factors.
- Impedance: 75ff

EDID:

- Built-in EDID management system

Power Supply:

- Input: 100 VAC -240 VAC, 50/60Hz
- Output: 5V DC@1A
- Power consumption: 4W (max)

SPECIFICATIONS

Operating Temperature: -10°C to 55°C

Operating Humidity: 10% to 85 % RH (no condensation)

Storage Temperature: -10°C to +80°C

Storage Humidity: 5% to 90 % RH (no condensation)

Regulatory Approvals Converter: FCC, CE, UL

Regulatory Approvals Power Supply: FCC, CE, UL

Dimensions:

- W H D: 2.59"x 2.59" 4"x 0.51" (66x66x13mm)

Weight:

- Tx: 0.07 lbs. (36g)
- Rx: 0.08 lbs (38g)

