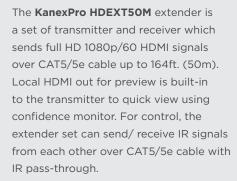# KanexPro®

**3 YEAR WARRANTY**

**4K ULTRA HD**

# 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**

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. 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)
- 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
  - OutputL 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)