



## H.264 HDMI Over IP Extender Kit

**Distributes an H.264-compressed 1080p Signal up to 100 m (328 ft.) Over a Network, PoE 802.3af, Unicast & Multicast Streaming, HDMI Loop-out on Transmitter, IR Support, Mountable, Black**

Part No.: **208253**

EAN-13: 0766623208253 | UPC: 766623208253

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### **Easily extend a High-Definition (HD) HDMI signal over an IP network.**

The Intellinet Network Solutions H.264 HDMI over IP Extender Kit distributes an H.264-compressed signal up to 100 m (328 ft.) over a network and 120 m (396 ft.) via direct connection over an Ethernet cable. This powered kit's use of H.264 compression makes it the perfect tool to help complete a unicast/multicast routing scheme with less network traffic while still providing vibrant 1080p video and full audio. The transmitter supports Infrared (IR) control of the source and display for added convenience. The transmitter can be networked to unlimited Intellinet H.264 HDMI over IP Extender Receivers (see model #208246). For more power options in the setup, the transmitter and receiver can accept power from a Power over Ethernet (PoE) switch so that no power outlet connections are required. The transmitter also includes an LCD screen for quicker programming and channel selection.

### **Flexible Solution for Many AV Applications**

Ideal for tradeshow, classroom, home theater, conference room, business office and retail applications, this HDMI over IP Extender Kit is a cost-effective solution that boosts and extends an HDMI signal to where it's needed. The transmitter offers a loop-out HDMI port to connect a display near the source for easier setup.

### **Quality Construction and Easy Installation**

HDCP compliance with HDMI helps guarantee the kit's performance and reliability. This HDMI extender kit installs quickly without having to run software

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or include additional hardware. Its ultra-slim and compact design make it the best choice to maximize your options in AV applications, whether for a home user or installer.

## Features:

- Efficiently distributes an H.264-compressed 1080p signal up to 100 m (328 ft.) over a network (router/switch must support IGMP snooping; see its documentation to enable)
- Efficiently distributes an H.264-compressed 1080p signal up to 100 m (328 ft.) over a network
- Efficiently distributes an H.264-compressed 1080p signal up to 120 m (396 ft.) via direct connection over an Ethernet cable
- Supports point-to-point (unicast), one-to-many (unicast) and many-to-many (multicast) AV routing schemes via Ethernet port
- Can be connected to an unlimited number of receiver units (see model #208246), together with additional transmitter units (see model #207577)
- Follows H.264 / MPEG-4 AVC protocol for video compression
- Supports 1080p@60Hz resolution following HDMI 1.3 standards
- Supports Power Over Ethernet (PoE)
- Bidirectional RS232 & IR control extension
- HDMI loop-out on transmitter
- LCD screen for easy channel selection
- 15 Mbps streaming rate
- Supports LCPM Audio formats at 48 kHz
- Fully HDCP compliant
- Plug and play with quick networking configuration
- Three-year warranty

## Specifications:

### Standards and Certifications

- HDMI 1.3
- HDCP 1.4
- PoE 802.3af
- H.264
- DVI 1.0
- CTS 1.2
- CE
- FCC
- RoHS2

### General

- Source to display: 120 m (396 ft.) max.

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- Power: 5 VDC / 1 A (cable: 1.4 m [4.5 ft.])
- LED indicator
- LCD channel selection screen
- Reset button

#### Supported Resolutions

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

#### Connections

- One HDMI input (transmitter)
- One HDMI loop out (transmitter)
- One HDMI output (receiver)
- One RJ45 female (transmitter/receiver)
- One 5 VDC power female, OD 5.5 mm / ID 2.1 mm (transmitter/receiver)
- One 3.5 mm IR female (transmitter/receiver)
- RS232 (transmitter/receiver)

#### Signal Input/Output

- Input video signal: 0.5 – 1.0 V p-p
- Input DDC signal: 5 V p-p (TTL)
- Output video: HDCP 1.4
- IR frequency: 38 – 56 kHz

#### Physical

- Dimensions (each TX and RX): 119 x 79.5 x 28 mm (4.69 x 3.13 x 1.1 in.)
- Weight: 0.56 kg (1.23 lbs.)
- Housing: metal

#### Operating Environment

- Operation Temperature: 0 – 40°C (32 – 104°F)
- Storage Temperature: -20 – 60°C (-4 – 140°F)
- Humidity (noncondensing): 20 – 96%

#### Package Contents

- H.264 HDMI Over IP Extender Kit
- Power adapter (two units)
- IR blaster and receiver (one unit each)
- Phoenix plug for RS232
- Wall mounting hardware (two units each)
- Remote control
- User manual

