



## HDMI over IP PoE (Rx) Receiver

KD-IP1080RX

SKU: 156144    UPC: 815996020389



Featuring the Key Digital KD-IP1080RX AV over IP Receiver Range Extender. This quality built unit has been designed to connect and receive HDMI signals through a network IP switch or point-to-point connectivity. It features H.264 compression standards that are ideal for large video distribution applications, as well as low bandwidth systems that support managed 100BaseT or Gigabit network switches. AV over IP systems can be scaled virtually infinitely to fit any installation size, and additional units can be added to expand your HDMI over IP setup, with a possible 1024 Transmitters being added on and unlimited amount of receiver units. Using a Power over Ethernet enabled smart managed switch users can carry power to Transmitter and Receiver units. Alternative Extension Methods enabled by low bandwidth data streaming technology include a Wifi Extender up to 100, and IP over coax up to 1000. This Key Digital AV over IP Receiver will support resolutions up to 1080p@60 (2.25Gbps) and is compatible with DVI 1.0, HDMI, HDCP, with a data stream bandwidth less than 15Mbps. Using CAT5e/6 UTP/ STP signals can be extended up to 400 at the 1080p@60 resolutions.

### Features:

- Can be connected through a network IP switch
- Ideal for large video distribution applications
- Low-bandwidth system

Technical: Tx Input: 1 HDMI Connector, Type A, 19 Pin Female Tx Output: 1 HDMI Connector, Type A, 19 Pin Female; 1 CAT5e/6 on RJ45 Rx Input: 1 CAT5e/6 on RJ45 Tx Output: 1 HDMI Connector, Type A, 19 Pin Female TMDS Bandwidth: 2.25 Gb/s per Channel Deep Color Support: Supports digital video formats in Deep Color Mode up to 12 bits/color Link: Single Link DDC Signal (Data): Input DDC signal 5 Volts p-p (TTL) HDMI Video/Audio Signal: 1.2 Volts p-p DDC Communication: EDID and HDCP buffering between source and display Power: KD-PS5V2ASC, 5V/2A, 100-240VAC, 50-60Hz, Interchangeable head, screw-in connector. KD-IP1080POE POE power consumption ? 6 watts per unit General: Regulation: CE, RoHS, WEEE Enclosure: Black Metal Rack Mount: 3U with KD-RK120PLT bracket (sold separately) Product (Each): 4.74 x 3.11 x 1.16" , Weight: 0.6 lbs Packaging: 6.2 x 4.2 x 3.7" Weight: 2 lbs