

Key Digital KD-1080Rx HDMI over IP with POE Exender (Receiver) with Redundant Power Connection

HDMI over IP with POE (Rx) Receiver with Redundant Power Connection

Features:

- **Connectivity:** Can be connected through a network IP switch or point-to-point
- **H.264 Compression:** Ideal standard for large video distribution applications
- **Low-bandwidth System:** Supports managed 100BaseT or Gigabit network switches
- **Custom System:** Add Tx and Rx extenders to an existing system to expand HDMI over IP up to 1024 Tx units and unlimited amount of Rx units
- **Power Over Ethernet:** Carry power to Tx and Rx units with a Power Over Ethernet enabled Smart Managed Switch
- **HDMI Pass-through:** Tx unit support HDMI Pass-through to receive video or extract audio on the transmit side
- **Alternative Extension Methods:** Enabled by low-bandwidth data streaming technology
 - Wifi Extender: Up to 100 ft.
 - IP over Coaxial: Up to 1000 ft.
- **Resolution Support:** Supports up to 1080p@60 (2.25Gbps) and compatible with DVI1.0/HDMI/HDCP1.x
- **Audio Format:** Supports 2ch PCM at 44.1/48kHz
- **Data Stream Bandwidth:** < 15Mbps.
- **Signal Extension:** Up to 400 ft. @ 1080p@60 (2.25Gbps) using CAT5e/6 UTP/ STP cable
- **Web Control Interface:** Reduces installation time and provides basic video setup.
- **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication to source & display, and EDID Control handshake
- **EDID:** EDID libraries readily available to provide the best setup per source
- **Deep Color Support:** Up to 12 bits/color
- **TMDS re-clocking:** Support for long HDMI runs using Key Digital® HDMI cables
- **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies
- **Control:** Key Digital App ready. Compass Control® Pro ready. Fully controllable by RS-232 supported control systems via open API.
- **Source/Display Control:** Integrate with KD-CX800 to add 3 IR, RS-232 or Trigger ports
- **Key Digital® App Ready:** Can be controlled over TCP/IP via Key Digital® App
- **Control App Stabilization:** One KD-CX800 or KD-MC1000 recommended to act as a gateway and increase reliability from KD-App control