

## Enterprise AV - HD Over IP

Key Digital's HD over IP solutions create an expandable HDMI over IP system that can be scaled to fit any installation. Add up to 1024 Tx units and an unlimited number of Rx units for the ultimate custom video solution.

### KD-IP120POETx

HDMI over IP Transmitter Extender with Power Over Ethernet, supports HDMI Pass-through



### KD-IP120POERx

HDMI over IP Receiver Extender with Power Over Ethernet



#### Key Features

- › **Power Over Ethernet:** Carry power to Tx and Rx units with a Power Over Ethernet enabled Smart Managed Switch
- › **Custom System:** Add Tx and Rx extenders to an existing system to expand it up to 1024 Tx units and unlimited amount of Rx units
- › **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
- › **Resolution Support:** Supports up to 1080p@60 (2.25Gbps) and compatible with DVI1.0/HDMI/HDCP1.x
- › **HDMI Pass-through:** Tx unit support HDMI Pass-through to receive video or extract audio on the transmit side
- › **Audio Format:** Supports 2ch PCM at 44.1/48kHz
- › **A/V Bitrate:** Supports Stream Bitrate up to 15Mbps.
- › **EDID:** EDID libraries readily available to provide the best setup per source
- › **Deep Color Support:** Up to 12 bits/color

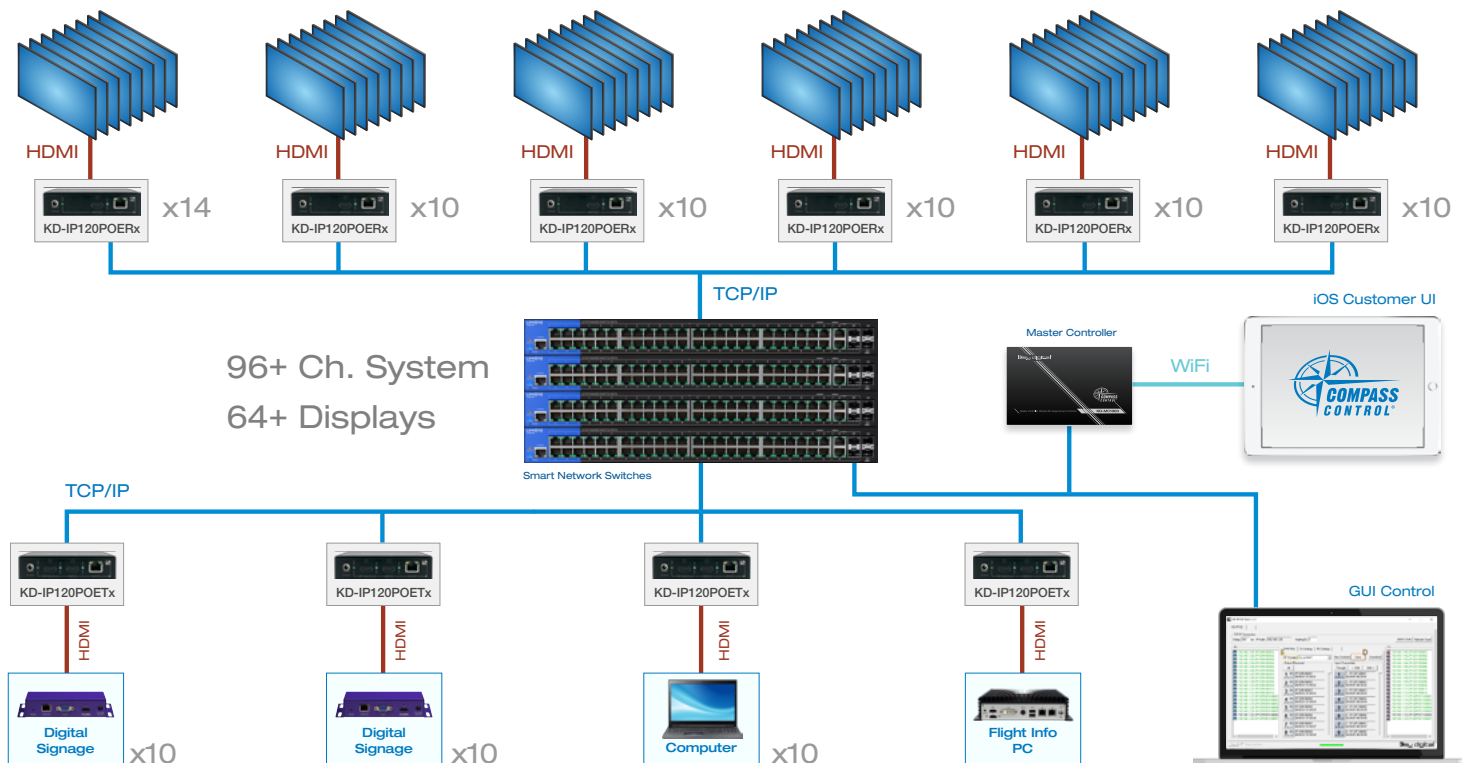
- › **TMDS re-clocking:** Support for long HDMI runs using Key Digital® HDMI cables
- › **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies
- › **Control:** UDP and Web Browser Control through PC. Control System via Compass Control MC gateway.
- › **Major Control System Support:** Compass Control®, AMX®, Control4®, Crestron®, Extron®, Leviton®, RTI®, Savant®, URC®, etc.

#### Specifications

- › 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
- › POE Power Consumption: ≤ 6 watts per unit
- › 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

LIMITED  
**10 YEAR**  
WARRANTY

## Enterprise AV - HD Over IP System



96+ Ch. System  
64+ Displays