4K Enterprise AV™ Over IP Solutions

Key Digital's Enterprise AV™ over IP solutions create expandable HDMI over IP systems that can be scaled to fit any commercial installation.

**KD-IP922ENC**

Enterprise AV™ over IP Encoder, supports 4K, 2 PoE ports LAN Switch, HDMI Pass-through, Audio In, Audio De-Embedding with Lip-Sync & DSP, KVM/USB

- **Enterprise AV Over IP**: Utilizes a managed gigabit network switch to enable video distribution, matrix switching, and extension. Visit product page for Usage Modes.
- **Video Wall Processing**: Encoder + Decoder systems create video walls with up to 10V and 10H monitors.
- **HDCP 2.2**: Compliancy up to HDCP 2.2 and backward compliant.
- **4K/Ultra HD Resolution**: Support for 4096x2160 or 3840x2160 24/25/30Hz at 4:4:4/8 Bit or 60Hz at 4:2:0/8 Bit.
- **Signal Extension**: Up to 330 ft / 100 m @ 4K 24/25/30(4:4:4)/60(4:2:0) into network switch or point-to-point.
- **Power over Ethernet**: Does not require power supply when integrated with compatible PoE network switch.
- **Dual LAN**: Enable system expansion beyond a 48 port system.
- **Redundant Power Supply**: Added reliability for non-PoE integration.
- **Audio De-Embedding**: Audio from the HDMI input is de-embedded through Analog L/R Balanced/Unbalanced phoenix terminal to enable external audio connectivity with audio distribution systems and amplifiers.
- **Audio DSP**: Volume, muting, 3-band EQ, and lip-sync delay controllable on audio de-emb port.
- **HDMI Pass-Through**: Enables connection to local monitor or additional devices up to 75 ft.
- **HDMI® and HDCP Licensing**: Fully licensed and compatible with HDCP 2.2 and HDMI latest technology such as 4K/UHD 4:2:0/8bit at 60f/s.
- **Control**: 3 multi-function ports controllable via KeyCode open API, as Compass Control® master controller, or as control extension via IP.
- **USB 2.0**: Supports synchronous and isochronous connections.
- **EDID Control**: Internal library features 15 default EDID configurations and native EDID data from Output/Display devices connected to Decoder.
- **Hot Plug Detection Control**: Enables integrator to choose if active signal voltage is forced to connected input devices.

**Specifications**

- **Regulation**: CE, RoHS, WEEE
- **Dimensions**: Enclosure: 19.05" x 5.59" x 0.85", Weight: 0.7 lbs.

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