

Kramer KDS-EN6 4K/60 4x2x0 HDCP 2.2 Video Encoder

INPUTS

- 1 HDMI connector, 1 unbalanced stereo audio on a 3.5mm mini jack (line in), 1 RS-232 on terminal block connectors, 1 USB (type B) port, 1 IR on 3.5mm mini jack (Rx)

OUTPUTS

- 1 Ethernet (LAN/PoE) on an RJ-45 connector, 1 IR on 3.5mm mini jack (Tx)

NETWORK

- 10M/100M/1000M

NETWORK SWITCH

- 1G multicast, IGMP snooping non-blocking, Layer 2

STREAMING

- Unicast and multicast through RTSP (Real Time Streaming Protocol)

CONTROLS

- Reset button, up and down channel buttons, channel 7-segment display, STATUS, LINK and ON LEDs

IR

- Wide-band 20kHz to 60kHz bidirectional IR transmission

MANAGEMENT

- API, Kramer Control, Kramer AV services (powered by Kramer Network)

VIDEO ENCODING/DECODING

- Compression standard MJPEG

HDCP

- HDCP 2.2

SCALING AND CROPPING

- Built in scaling and cropping for flexible display of source content on the decoder output

BIT RATES

- Peak: 850Mbps, 4K average: 350Mbps, 1080p average: 250Mbps

RESOLUTION

- 4096x2160@60Hz, 3840x2160@60Hz, 1920x1200@60Hz, 1920x1080@60Hz, 1864x1050@60Hz, 1856x1392@60Hz, 1792x1344@60Hz, 1728x1080@60Hz, 1704x960@60Hz, 1680x1050@60Hz, 1600x1200@60Hz, 1600x1050@60Hz, 1600x900@60Hz, 1536x960@60Hz, 1440x900@60Hz, 1440x576@60Hz, 1440x480@60Hz, 1400x1050@60Hz, 1366x768@60Hz, 1360x768@60Hz, 1280x1024@60Hz, 1280x960@60Hz, 1280x800@60Hz, 1280x768@60Hz, 1280x720@60Hz, 1224x768@60Hz, 1152x864@60Hz, 1152x720@60Hz, 1024x768@60Hz, 1064x600@60Hz, 1024x384@60Hz, 960x600@60Hz, 848x480@60Hz, 800x600@60Hz, 768x480@60Hz, 720x576@60Hz, 720x480@60Hz, and 640x480@60Hz, 640x400@60Hz, 640x350@60Hz

AUDIO ENCODING/DECODING

- Compression standard (analog in/out): AAC-LC

CHANNELS (HDMI EMBEDDED AUDIO)

- PCM 2, 5.1, 7.1 Channel, Dolby Digital 5.1 Channel, Dolby Digital Plus, Dolby Digital True-HD, DTS 5.1 Channel, DTS-ES, DTS-HD High Resolution, DTS-HD Master Audio

POWER OPTIONS

- PoE, external PS

POWER CONSUMPTION

- 48V DC, 280mA max

OPERATING TEMPERATURE

- 0° to +40°C (32° to 104°F)

STORAGE TEMPERATURE

- -40° to +70°C (-40° to 158°F)

HUMIDITY

- 10% to 90%, RHL non-condensing

OPTIONS

- IR cable (PN: 3500-900617), external DC power supply (PN: 100-800070)

PRODUCT DIMENSION

- 19.00cm x 10.30cm x 2.30cm (7.48" x 4.06" x 0.91") W, D, H

PRODUCT WEIGHT

- 0.6kg (1.2lbs) approx

SHIPPING DIMENSION

- 34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H

SHIPPING WEIGHT

- 0.8kg (1.7lbs) approx