

# Kramer KDS-EN5 4K60 HDMI H.264 Video Encoder supporting PoE and Video Wall

## INPUTS

- 1 HDMI (1.4): On a female HDMI connector

## OUTPUTS

- 1 Unbalanced Stereo Audio: On a 3-pin terminal block connector

## PORTS

- 1 Ethernet: On an R-J45 connector
- 1 Unbalanced Audio: On a 3-pin terminal block connector
- 1 RS-232: On a 3-pin terminal block connector

## VIDEO

- Compression Standard: H.264/MPEG-4 AVC
- Profiles: Base line, Main, High profile
- Levels: Up to 5.0
- Rate Control: CBR, VBR, adjustable GOP size
- Bit Rates: 2Mbps-30Mbps
- Encapsulation Format: MPEG-2 transport stream
- Transmission format: TS over UDP, TS over RTP
- Input Resolutions: 640x480, 800x600, 1024x768, 1280x800, 1280x1024, 1360x768, 1366x768, 1440x900, 1400x1050, 1600x1200, 1680x1050, 1920x1200, 720x480 (480p), 720x576 (576p), 1280x720 (720p30), 1280x720 (720p50), 1280x720 (720p60), 1920x1080 (1080p24), 1920x1080 (1080p25), 1920x1080 (1080p30), 1920x1080 (1080p50), 1920x1080 (1080p60), 1920x1200, 3840x2160 (4Kp24), 3840x2160 (4Kp30)
- Output Resolutions: 640x480, 720x480 (480p), 720x576 (576p), 800x600, 1024x768, 1280x720 (720p50), 1280x720 (720p60), 1280x800, 1280x1024, 1366x768, 1440x900, 1600x1200, 1680x1050, 1920x1080 (1080p24), 1920x1080 (1080p25), 1920x1080 (1080p30), 1920x1080 (1080p50), 1920x1080 (1080p60), 1920x1200, 3840x2160 (4Kp24), 3840x2160 (4Kp30)

## AUDIO

- Compression Standard: MPEG4 AACLC
- Channels: 2 channel (stereo), HDMI with stereo LPCM/AAC audio
- Sample Frequency: 48kHz, Bitrate: 1.6Mbps(LPCM), ≤240Kbps(AAC)

## POWER

- Source: PoE or 12V DC power supply (not included)
- Consumption: 5.6W

## ENVIRONMENTAL CONDITIONS

- Operating Temperature: 0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
- Storage Temperature: -20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
- Humidity: 10% to 90%, non-condensing

## PRODUCT DIMENSION

- 21.90cm x 13.50cm x 2.50cm (8.62" x 5.31" x 0.98" ) W, D, H

## PRODUCT WEIGHT

- 0.8kg (1.7lbs) approx.

## SHIPPING DIMENSION

- 35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H

## SHIPPING WEIGHT

- 1.1kg (2.4lbs) approx.