



## KDS-DEC3

H.264 Decoder



Kramer KDS-DEC3 is an H.264 decoder for encoded signals up to 1080p60. It is designed to work with the KDS-EN3 H.264 encoder to provide a high-quality and fully-featured end-to-end video and audio over IP solution.

### FEATURES

- **AVC Support** - MPEG-4 using H.264 & AAC codecs.
- **Scaling & Cropping Features** - For flexible display of source content on the decoder output.
- **Standard Ethernet Network Operation** - 10/100/1000Mb.
- **Decoder-Integrated Network Switch** - Allows for KDS-DEC3 daisy chaining and network extension.
- **Video Support** - HDMI.
- **Audio Support** - HDMI or analog.
- **Streaming Support** - Unicast and multicast through RTSP (Real Time Streaming Protocol).
- **KDS-EN3 Manager Software** - Allows remote management of the KDS-EN3 network including auto-detection and discovery of KDS-EN3/KDS-DEC3 units on a subnet.
- **Fail-safe Video Playback** - When a decoder loses its connection to an encoder.
- **RS-232 Virtualization** - From encoder to decoder.

TECHNICAL SPECIFICATIONS

OUTPUTS:	1 HDMI, 1 unbalanced stereo audio on a 3.5mm mini jack.
PORTS:	2 Ethernet on RJ-45 connectors (fully switched), 1 RS-232 on a 9-pin D-sub connector.
VIDEO SINGLE CHANNEL HD:	Up to 1920x1080p60 and 1920x1200(60Hz).
COMPRESSION STANDARD:	H.264/Mpeg4 Part 10 (AVC).
PROFILES:	Baseline, Main, High.
LEVELS:	Up to 4.2.
BIT RATES:	100Kbps to 25Mbps.
RATE CONTROL:	CBR, VBR, adjustable GOP (Group Of Pictures) size.
AUDIO COMPRESSION STANDARD:	MPEG4 AAC-LC.
CHANNELS:	2 channel (stereo), HDMI with digital L-PCM audio.
ANALOG SAMPLE FREQUENCY:	32, 44.1, and 48kHz.
BIT RATES:	96, 128, 192, and 256Kbps.
OUTPUT RESOLUTIONS:	1920x1200, 1920x1080, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1360x768, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 720x576, 720x480, and 640x480.
POWER CONSUMPTION:	5V DC, 3A 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.
PRODUCT DIMENSIONS:	21.50cm x 10.00cm x 2.60cm (8.46" x 3.94" x 1.02" ) W, D, H
PRODUCT WEIGHT:	0.3kg (0.6lbs) approx.
SHIPPING DIMENSIONS:	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H
SHIPPING WEIGHT:	1.2kg (2.6lbs) approx.
INCLUDED ACCESSORIES:	Power supply, power cord, plastic bracket set.

