KRAMER

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:	1920×1200, 1920×1080, 1680×1050, 1600×1200, 1600×900, 1440×900, 1400×1050, 1360×768, 1280×1024, 1280×960, 1280×720, 1024×768, 800×600, 720×576, 720×480, and 640×480.
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.
DIMENSIONS:	12.8cm × 2.6cm × 10.9cm (5.05" × 1.02" × 4.29").
WEIGHT:	0.36kg (0.26kg).
INCLUDED ACCESSORIES:	Power supply, power cord, plastic bracket set.