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
96, 128, 192, and 256Kbps

### 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

### 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

### INCLUDED ACCESSORIES:
Power supply, power cord, plastic bracket set

### 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