



KDS-EN3

H.264 Encoder, Recorder & Streamer

| VGA/UXGA - 15-pin HD | HDMI | Ethernet - RJ-45



The Kramer KDS-EN3 is an H.264 encoder for HDMI signals up to 1080p60. The KDS-EN3 provides unicast (onetoone) or multicast (onetomany) streaming to the KDS-DEC3 decoder or computers running VLC® software. KDS-EN3 can also record content to a network drive for later access.

FEATURES

AVC Support - MPEG4 using H.264 & AAC codecs

Built-in Scaling and Frame Rate Control - For lower bandwidth consumption when distributing over the network

Open Encoding - Enable software decoding through VLC® player software

Standard Ethernet Network Operation - 10/100/1000Mb

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 autodetection and discovery of KDS-EN3/KDS-DEC3 units on a subnet

Manual & Scheduled Recording - To network storage option on encoders

RS-232 Virtualization - From encoder to decoder



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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI, 1 unbalanced stereo audio on a 3.5mm mini jack (line in)
OUTPUTS:	1 HDMI, 1 VGA on a 15pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack
PORTS:	1 Ethernet on an RJ45 connector, 1 RS232 on a 9pin Dsub 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 AACLC
PRODUCT DIMENSION:	21.50cm x 10.00cm x 2.60cm (8.46" x 3.94" x 1.02") W, D, H
PRODUCT WEIGHT:	0.4kg (0.8lbs) approx
SHIPPING DIMENSION:	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83") W, D, H
SHIPPING WEIGHT:	1.2kg (2.6lbs) approx
CHANNELS:	2 channel (stereo), HDMI with digital LPCM audio
ANALOG SAMPLE FREQUENCY:	32, 44.1, and 48kHz
BIT RATES:	96, 128, 192, and 256Kbps
INPUT RESOLUTIONS:	1920x1200, 1920x1080, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1360x768, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 720x576, 720x480, and 640x480
OUTPUT RESOLUTIONS:	1920x1200, 1920x1080, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1360x768, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 720x576, 720x480, and 640x480
MAXIMUM UNICAST CONNECTIONS:	8
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 noncondensing
INCLUDED ACCESSORIES:	Power supply, power cord, plastic bracket set

