



KDS-EN1

H.264 HD IP Encoder



The KDS-EN1 is an H.264-based encoder for digital signals up to 3G HD-SDI, composite and component video, HDMI and balanced audio. All signals are encoded and transmitted as an IP stream of live video.

FEATURES

- Max. Resolution - 1080p60.
- Professional Encoder - H.264/MPEG4-AVC standard compliance.
- Multicast or Unicast Streaming - UDP or RTP protocol.
- Audio Encoding - MPEG Layer II (48kHz), supports AC3 pass through.
- Audio Embedding Options - Select either embedded audio or to embed two independent audio groups.
- Web Interface - For remote management.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 SD/HD/3G HD-SDI, 75Ω on BNC connectors; 1 HDMI; 1 component video (Y, Pb, Pr) on BNC connectors, 1 composite video on a BNC connector.
OUTPUTS:	2 DVB-ASI on BNC connectors, 1 IP UDP transport stream on an RJ-45 connector, 1 balanced stereo audio on a 5-pin terminal block.
SUPPORTED RESOLUTIONS:	1920x1080i @50/60Hz, 1440x1080i @50/60Hz, 1280x720p @50/60Hz, 720x480i @60Hz, 720x576i @50Hz, 1920x1080p @50/60Hz.
MAX. DIGITAL VIDEO INPUT/OUTPUT LEVEL:	800mVpp/75Ω.
MAX. DATA RATE:	3Gbps (3G HD-SDI), 72Mbps (DVB-ASI).
PACKET LENGTH:	188 bytes.
CONTROL:	1 TCP/IP on an RJ-45 Connector.
POWER CONSUMPTION:	100–240V AC 50/60Hz 24VA.
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:	19" x 9.41" x 1U (W, D, H) rack mountable.
WEIGHT:	1.8kg (3.97lbs) approx.
INCLUDED ACCESSORIES:	Rack "ears".

