

HCoder™ 4-16ch Analog/IP



16 PCS 1 Port CVBS Encoder in 3RU Chassis 1 Main Power Supply
1 for backup



Real-time Linux® based multichannel Analog CVBS (composite) AVC/H.264 audio and video HD live encoder with 4 to 16 CVBS inputs and 4 to 16 IP outputs. CVBS output streams same resolution as input.

Product Description

The HCoder 4-16ch Analog/IP, is a cost-effective 4 to 16 channel Analog to IP Encoder. It encodes up to 16 simultaneous Analog inputs, then streams up to 16 IP streams to CDNs and web sites like Ustream®, Akamai®, Octoshape™, Verizon®, etc.

IP protocols can be RTMP, RTSP, UDP, HTTP Stream Protocols and/or ONVIF.

Audio encoding is AAC.

Key Features

- Inputs: Simultaneously captures up to 16 Analog inputs
- Outputs: 16 simultaneous IP TS streams (RTMP or UDP)
- Outputs two RTMP streams per channel (main stream & 2nd Stream) to different media servers
- Remotely manageable
- Supports firmware upgrades

Applications

- ReEncoding content for Dormitories and Apartments
- Streaming video to CDNs and web sites like Ustream, Akamai, Octoshape, Verizon, etc
- NVR (Net Video Recorder)
- University or corporate training webcast
- Hotel or cruise ship TV systems
- Video Conferencing
- Digital Signage



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Video Encoding

- Inputs: 16 simultaneous Analog (CVBS) inputs
- Encoding: H.264/AVC High Profile Level 4.0
- Data Rate: 0.8 to 12 Mbps
- Rate Control Modes: CBR, VBR
- GOP Structure: IBBP
- Advanced Pre-treatment: De-interlacing, Noise Reduction, Sharpening

Audio Encoding

- Encoding: AAC
- Sampling Rate: Auto
- Bit Rate: 48K/64K/96K/128K/160K/192K
- Sampling Precision: 24 bit
- Data Rate: 64 Kbps~384 Kbps

IP Outputs

- Outputs: 16 simultaneous IP streams
- Interface: 100 Base-T Ethernet
- Resolution: CVBS output streams same resolution as input
- Protocols: RTMP, RTSP, UDP, HTTP, ONVIF

System

- User Interface: Web default IP – 192.168.0.31

Physical & Power

- Dimensions: 19 x 11.8 x 5.24 inches (W x D x H) 483 x 300 x 133 mm (W x D x H)
- Weight: 15.43 lbs (7 kg)
- Power Supply: 110-220V
- Power Consumption: 90W
- Conformity: FCC, CE

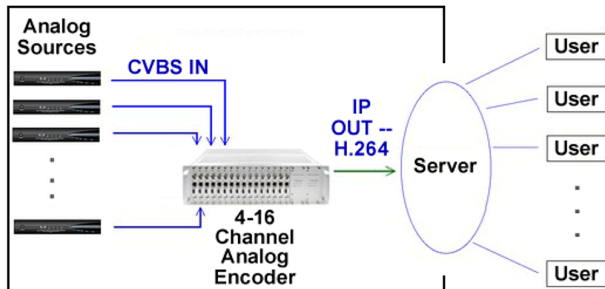


CVBS Inputs

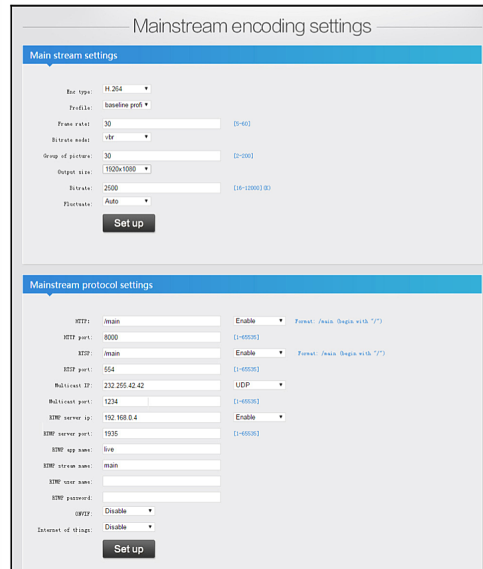


4-16 Analog Inputs, 4-16 IP Output Ports

Block Diagram



Sample Configuration Screen



List of Models to Order

Models	Outputs	Server Size	Ethernet Ports	Power
HCoder 4-16ch Analog/IP				
HCoder 4-16ch HDMI/IP – HDMI				



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