

24 Analog CVBS Video Audio H.264 SD Encoder Streamer & Mux ASI and IPTV output
output



Video encoder to IP 24channel

Preview



Short Description

High-quality & high-density 24-channel SD encoder with analog composite base-band video inputs using RCA terminals for stereo audio, with output via UDP/RTP unicast and multicast formats

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H-24AV-IP 24 Ch SD Program Encoder/Modulator

Real-Time Encoder for 24 CVBS Composite to H.264 streams on ASI or IP outputs

This 24-channel encoder is specifically designed to convert 24 channels of analog SD video and audio content into ASI and IP outputs. Each of the 24 RCA inputs can be independently configured for bit rate and PID management. The encoder has high-level H.264 video and MPEG1 Layer 2 or Dolby AC3 codecs, supporting bit rates of up to 8 Mbps per channel. This platform is ideal for reducing the rack space required for SD program encoding for content source origination and distribution. It is ideally suited for CATV headend program aggregation or high-end CCTV systems. All encoded programs are multiplexed into a multi-program transport stream (MPTS) output on both ASI and IP. Additionally, single-program transport stream (SPTS) outputs are provided for all inputs on the IP network output. All settings are accessible via the front panel and a web-based network management system. This unit also includes a one-channel ASI input that can multiplex one additional program into the outputs from an ASI source. This highly flexible system significantly lowers the cost per channel for real-time SD video encoding.

The H-24AV-IP features an easy-to-use NMS GUI via RJ45.

This is the main NMS page:



Summary

► Status

Parameters

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- TS Config
- IP Stream

System

- Device
- Network
- Password
- Configuration
- Firmware
- Date | Time
- Log

4 CHS MPEG2 ENCODER

	Enc CH 1	Enc CH 2	Enc CH 3	Enc CH 4
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Video

Brightness:	128	(0 ~ 255)
Saturation:	128	(0 ~ 255)
Contrast:	128	(0 ~ 255)
Hue:	0	(-128 ~ 127)
B Frame:	GOP_2_B	GOP_0_B
PCR PID Sync:	☐	GOP_1_B

Audio

	MPEG1 Layer2	GOP_2_B
	AC3	GOP_3_B
Format:	AC3	
Audio Gain:	15	(-12 ~ +40)

Status

Video Lock:	
Video Norm:	unknown
Rom Version:	16



TS Stream Management GUI Page:



Summary

Status

Parameters

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- TS Config**
- IP Stream

System

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TS CONFIG

Stream Select

General

PID Bypass

Loss Locked

1: Module 1 (prog: 4/4)

1: [101] TV-101

2: [102] TV-102

3: [103] TV-103

4: [104] TV-104

2: Module 2 (prog: 4/4)

1: [201] TV-201

2: [202] TV-202

3: [203] TV-203

4: [204] TV-204

3: Module 3 (prog: 4/4)

1: [301] TV-301

2: [302] TV-302

3: [303] TV-303

4: [304] TV-304

4: Module 4 (prog: 4/4)

1: [401] TV-401

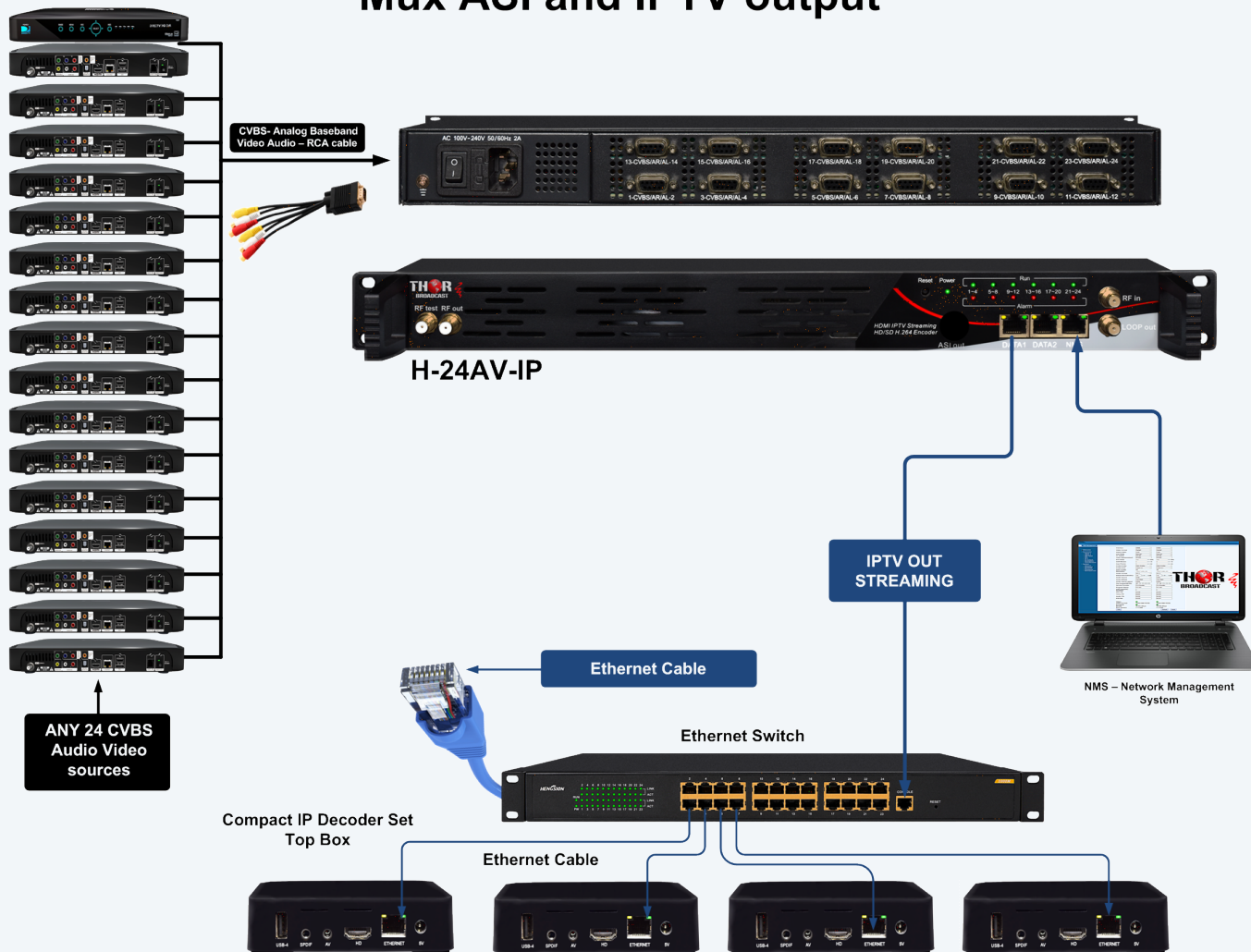
Parse program time out: 60 seconds

IPTV UDP or RTP unicast or multicast output.

Specification

Input	24x CVBS Composite Analog, 1x ASI
Supported Output Resolutions	480p60, 480p59.94, 480p50 480i60, 480i59.94, 480i50
Video Codecs	MPEG-4 AVC/H.264
Audio Codecs	MPEG1 Layer 2 AC3 Dolby
Bit Rate	0.8 - 8 Mbps CBR or VBR
Advanced Video Features	Input Deinterlacing, Noise Reduction, Sharpening
Audio Sampling Rate	48 KHz, 24-bit resolution
Audio Bit Rate	64 - 384 Kbps Each Channel
IP Transport Stream Output	1x MPTS UDP and 24 x SPTS over UDP, RTP, RTSP
ASI Transport Stream Output	2x ASI Multiplexed Output
Management Interface	Web-Based Browser Interface
Dimensions	1U 19" rack mountable - 480 x 455 x 45 mm
Weight	15 Lb
Operating Temperature	0 deg C - 45 deg C

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More about product: <https://thorbroadcast.com/product/8-analog-video-audio-asi-and-iptv-sd-encoder-streamer-8230.html>