Category
HeadEnd

THOMASON BROADBAND SUPPLY

TRANScode-8 IP / ATSC / SAT Receiver / Transcoder

Our TRANScode-8 is a professional Network Video Transcoder used to convert video between MPEG-4 (H.264) and MPEG-2 formats and for HD to SD down conversion. It accepts 8 IP (SPTS/MPTS) input streams (standard) and has an option for 4 tuner inputs which can be DVB-S/S2/C/T/ISDB-T or ATSC. Each satellite feed input has its own CAM/CI slot to descramble the encrypt content. Once received each program can be multiplexed, transcoded and processed. The TRANScode-8 will output 8 SPTS or 1 MPTS (UDP/RTP) through its 1GigE SFP Interface and its ASI port. Closed Caption function has been embedded to transport CC (or teletext). A management port is provided for web GUI.

Part Number Matrix

TRANScode - 8 - [x] - TBBS

A1 = 4 x 8VSB
A2 = 4 x DVB-S/S2

Features

- Supports 8 IP (SPTS/MPTS) inputs plus 4 tuner inputs with 4 CAM/CI slots
- Supports 8 SPTS & 1 MPTS (UDP/RTP/RTSP) outputs; 1 ASI output
- Video Trans-coding: MPEG-2 SD/HD and H.264 SD/HD both ways
- Audio Trans-coding: AAC and MP2 any-to-any or pass-through; AC3 pass through
- Supports maximal 8 SD or 4 HD programs trans-coding
- Supports maximal 8 channel audio trans-coding
- Supports HD and SD resolutions
- Supports CBR and VBR rate control
- Supports CC (closed caption)
- Supports BISS descrambling (Under Development)
- Supports IP out with null packet filters
- LCD & Key board local control; web-based NMS management

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Specifications

Input Interface	4x DVB/S DVB/S2 or ATSC Tuners 1x GigE Data Port
Video Transcoding Capabilities	4x MPEG2 HD → 4x MPEG2 or H.264 HD 4x MPEG2 HD → 4x MPEG2 or H.264 SD 8x MPEG2 SD → 8x MPEG2 or H.264 SD 4x H.264 HD → 4x MPEG2 or H.264 HD 4x H.264 HD → 4x MPEG2 or H.264 SD 8x H.264 SD → 8x MPEG2 or H.264 SD
Video Resolutions	1920x1080P,1920x1080i,1280x720P 720x576i, 720x480i, 480x576, 544x576 640x576, 704x576
Rate Control	CBR/VBR
Audio Transcoding	MPEG-1 Layer 2 to AAC both ways AC3 pass through
Sampling rate	48KHz
Bit Rate	64Kbps-384Kbps
Stream Outputs	1 MTS (UDP/RTP) SFP or 8 STS (UDP/RTP) SFP and 1 ASI

Service Port User Interface	10/100M WEB based GUI
General Dimensions Weight Power	19"x16"x1.73" 11 lbs AC 110-220V 50/60Hz 18W 2 internal fans
Temperature Range	32 - 113F operational -4 - 176F storage