



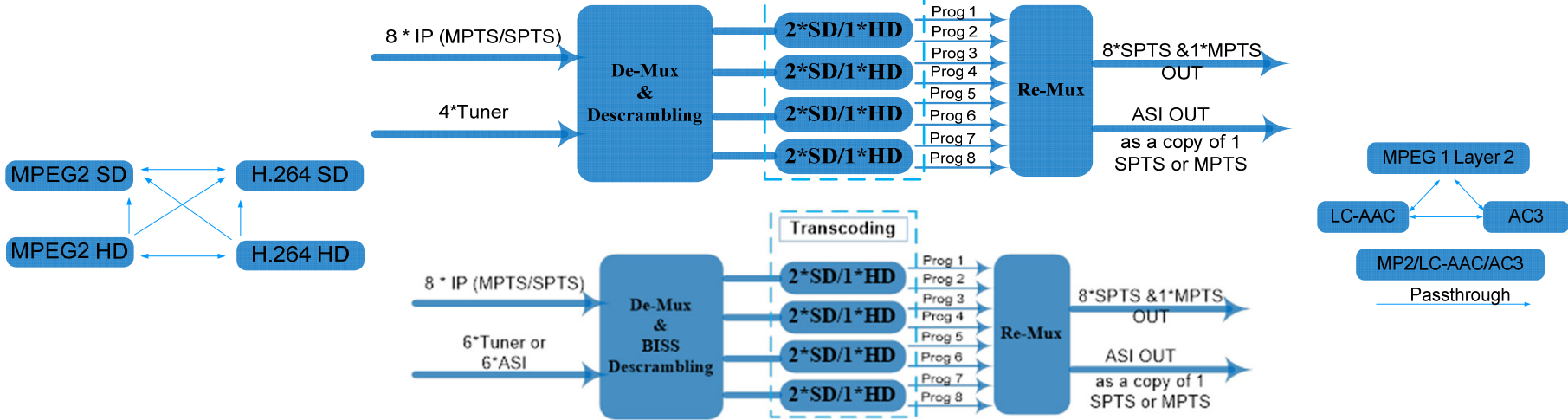
ADV SAT 8 Channel MPEG 4/2 ↔ 4/2 TRANSCODER



6 x DVB-S2 Tuner + IP in MPEG 4 ↔ 2 TRANSCODER



6 x ASI + IP in MPEG 4 ↔ 2 TRANSCODER

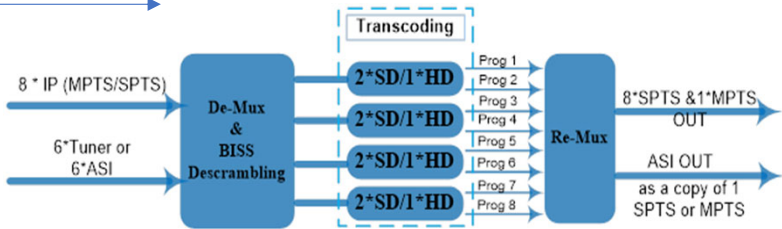


ADVSAT 8 Channel MPEG 4/2 ↔ 4/2 TRANSCODER



6 DVB-S2
Tuners

UDP + ASI



ASI TS

UDP TS



ATSC TS



EPG + EAS + PSIP



Main features:

Support 8*IP (SPTS/MPTS) input plus 6*tuners (or 6*ASI) input 4* tuners (or 4*ASI) input

Support 8*SPTS & 1*MPTS (UDP/RTP/RTSP) output; 1 ASI (MPTS) output

Video Trans-coding: MPEG-2 SD/HD and H.264 SD/HD any-to-any

Audio Trans-coding: LC-AAC, MP2 and AC3 any-to-any or pass-through.

Support maximal 8 SD or 4 HD programs trans-coding

Support maximal 8 channel audio trans-coding

Support HD and SD resolutions

Support CBR and VBR rate control

Support CC (closed caption)

Support BISS descrambling

Support IP out with null packet filtered

Advanced re-multiplexing

LCD & Keyboard local control; web NMS management

Professional bidirectional trans-coder to convert video between H.264 and MPEG-2 format and to trans-code between HD and SD programs simultaneously.

It is equipped with 6 tuner inputs to receive channels directly from satellite, or 6 ASI /8 IP inputs to receive digital channels.

Simple version with 4 Tuners only or 4 ASI inputs only without IP input.) After trans-coding, its outputs MPTS & SPTS through the DATA port or ASI port.

This trans-coder supports advanced re-multiplexing and can effectively provide operators

with real-time code rate switch and optimize the video with its high performance.

BISS function is now embedded to descramble your tuner input programs and CC function

as well to transport your closed caption (or teletext).

Managed through web NMS system, to provide high quality video trans-coding.



MPTS/SPTS OVER UDP/RTP, 1000M BASE-T ETHERNET INTERFACE/ SFP INTERFACE --- NDS3248		
STREAM IN		6 * (DVB-S/S2/C/T/ISDB-T/ATSC) Tuners; 6 * ASI (optional) --- NDS3248
		4 * (DVB-S/S2/C/T/ISDB-T/ATSC) Tuners; 4 * ASI (optional) --- NDS3248B
BISS Descramble		Maximum 8 programs
Video	Resolution	1920x1080P,1920x1080i,1280x720P, 720x576i, 720x480i 480x576, 544x576, 640x576, 704x576
	Trans-coding	4*MPEG2 HD → 4*MPEG2/H.264 HD ; 4*MPEG2 HD → 4*MPEG2/H.264 SD ; 8 *MPEG2 SD → 8 *MPEG2/H.264 SD
	Rate Control	CBR/VBR
	Trans-coding	MPEG-1 Layer 2, LC-AAC and AC3 any-to-any or pass through
Audio	Sampling rate	48KHz
	Bit Rate	32/48/64/96/128/192/224/256/320/384Kbps
		8*SPTS & 1*MPTS over UDP/RTP/RTSP, 1000M Base-T Ethernet Interface (UDP/RTP uni-cast / multicast) /SFP interface
Stream Out		1*ASI (as a copy of one of the 8 SPTS or the MPTS) output, BNC interface
System Function		LCD & Key board control; web NMS management
		Ethernet software upgrade
General	Dimensions	430mm×405mm×45mm(WxDxH)
	Temperature range	0~45°C(Operation), -20~80°C(Storage)
	Power requirements	AC 110V±10%, 50/60Hz or AC 220V±10%,50/60Hz