

## 4ESD24 4 in 1 H.264/AVC SD Encoder



### Function:

4 Channels MPEG-4 AVC/H.264 SD Encoder with Analog Video and Audio Input



### Overview:

4ESD24 4 in 1 H.264/AVC SD Encoder is new generation broadcast quality video and audio encoding equipment developed according to the market demand, on the basis of the single channel SD H.264 encoder. It adopts the currently most advanced H.264/AVC video coding algorithm and multiple audio coding algorithms. Combined with our advanced video and audio preprocessing technology, it can encode and transport high quality video and audio signal in low code rate, providing the best digital video encoding solutions to subscribers. It is suitable for the current mainstream DTMB-T international standard modulator networking.



### Features:

H.264/AVC High Profile Level 4.0 HD/SD video encoding, advanced video pre-processing algorithm

MPEG-1 Audio Layer 2

Support various kiTL of streaming media transport protocols, such as RTP/RTCP, MPEG-TS over UDP, etc.

Control mode: LCD/Button, network management, etc.



### Technical Specification:

» Video Input	» 4 Channels Analog Composite Video (CVBS), BNC Interface
» Audio Input	» 4 Channels Analog Stereo Audio, RCA Interface (Unbalance)
» Data Stream Output	» 2 Channels ASI Outputs, BNC Interface
	» 10/100Base-T Ethernet Interface
	» MPEG-TS over UDP Unicast/Multicast
» Video Coding	» H.264/AVC High Profile Level 4.0
» Coding Rate	» 0.8Mbps~20Mbps (each channel)
» Code Rate Control	» CBR/VBR
» Resolution	» 720×480_60i NTSC
	» 720×576_50i PAL
» GOP Structure	» IBBP
» Advanced Pre-processing	» De-interlacing, Noise Reducing, Sharpening
» Audio Coding	» MPEG-2AAC, AC-3 and MPEG-1 Audio Layer 2
» Sampling Frequency	» 48KHz
» Sampling Precision	» 24-bit
» Coding Rate	» 64Kb/s~384Kb/s
	» Control Mode: LCD/Button, network management, etc.
» System Function	» Chinese/English Control Interface
	» Ethernet Software Upgrade