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3221enc



Functions

The **3221enc** MPEG-2 & H.264 SD Encoder is a professional SD audio & video encoding and multiplexing device with powerful functionality. It has 1 video with two different audio channels encoding in the same time, supporting MPEG-2 and H.264 encoding.

Furthermore, it can support the MPEG-1 Audio layer 2, LC-ACC, HE-AAC, and can support ultra low bit-rate (0.25~15Mbps for H.264 encoding, and 0.5~15Mbps for MPEG-2 encoding).

Moreover, it has an ASI input and can multiplex the encoder channel and ASI/IP output in the same time.

Features

- Supports H.264 / MPEG2 Encoding
- Applicable for one Seg/ISDB-T utilization
- MPEG1 Audio Layer 2, LC-AAC, HE-AAC v2
- Supports 2 Stereo or 4 Mono encoding
- Supports VBR/CBR video encoding
- Support ultra-low bit rate encoding
- Support 1SPTS UDP IP Output
- Real-time output bit-rate monitoring
- Supports LCD / Keyboard operation
- Supports NMS operation

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Specifications

Input	1×CVBS input , 1xSD-SDI input	
	2x RCA inputs, 1x XLR inputs	
	1×ASI input, BNC interface	
Video	Resolution	PAL:720*576/352*288/320*240/320*180/176*144/ 160*120/160*90@50Hz NTSC:720*480/352*288/320*240/320*180/176*144/ 160*120/160*90@59.94Hz
	Encoding	MPEG-2 /H.264
	Bit-rate	0.25~15Mbps for H.264 encoding 0.5~15Mbps for MPEG-2 encoding
	Bit-rate control	CBR/VBR
	GOP Type	IBBP
	Advanced Pre-Processing	De-interlacing, noise reduction, sharpening
	Audio	Encoding
Sample Frequency		48KHz
Sample accuracy		24 bit
Bit-rate		64Kb/s~384Kb/s (each channel)
Multiplexing	1 ASI input multiplexed with local 1 channel TS	
Stream	2 × ASI outputs, BNC interface	

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