

EK3211H MPEG-4 H.264/AVC HD Encoder

EK3211H HD 1channel encoder is Dexin's next-generation broadcast-quality video and audio encoding device, using currently the most advanced H.264、AVC video coding algorithms, and combined Dexin advanced video and audio pretreatment technology, the low bit-rate to achieve high-quality video and audio coding and transmission, also has composite video, S-Video, YPbPr, SDI, HDMI and other analog and digital video input interface and XLR, RCA, AES / EBV, SDI, HDMI and other digital audio input port to provide users with unmatched digital video encoding solutions, is suited for the current mainstream of DMB-T international Modulator networking.



Feature :

- H.264/AVC High Profile Level 4.0 HD and SD video encoding, advanced video pre-processing algorithms
- MPEG ~ 1 Audio Layer 2
- Support includes UDP and many other streaming media transport protocol to support UDP unicast, multicast
- LCD / keypad, network management and other control mode
- Support CVBS, S-Video, YPbPr analog video inputs, etc.
- Supports HDMI, SDI digital video input
- Support for XLR, RCA, AES / EBV and other analog audio inputs
- Support PAL, NTSC SD video formats
- Support 720P, 1080I and other high-definition video

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Specification :

Video Specification	Video Compression	4:2:2 Encoding MPEG-4/AVC H.264 ,HP@L4, MP@L3	
	Aspect Ratio	4:3,16:9	
	Video Formats	1080i,720p	
	Resolutions	1920×1080i,1280×720p,720×576,720×480	
	Frame Rates	25,29.97(1080i) 50,59.94(720p) 50,59.94(720p)	
	Encoding Bitrate	1 to 20Mbps(4:2:0 CBR or VBR)	
Audio Specification	Audio Formats	MPEG-1 ,Layer□	
	Audio Encoding Bitrates	48kHz	
Input	Analog Video Input	CVBS SD	
		YPbPr HD	
		Unbalanced Left/Right Audio	
		Balanced Left/Right Audio	
	Digital Video Input	HD SDI Audio Embedded	
		HD MI Audio Embedded	
Digital Audio Input	AES/EBU		
Output	ASI ×2		
	E1 ×4		
	IP 100M (MPEG2 Transport Stream over UPD/IP)		
System Management	DESAT NMS		
Miscellaneous	Dimension	44mm×482mm×410mm	
	Temperature	0~45□(Operating);-20~80□(Storage)	
	Power	220VAC±10% ,50Hz,25W	



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