

4EHD11-2 H.264/AVC HD Encoder



Function:

1 Channel MPEG-4 AVC/H.264 HD Encoder with YPbPr, HDMI, HD-SDI Video Input



Overview:

4EHD11-2 Single Channel H.264/AVC HD Encoder is new generation broadcast quality video and audio encoding equipment which adopts the most advanced H.264/AVC video coding algorithm. Combined with our advanced video and audio preprocessing technology, it can encode and transport high quality video and audio signal in low code rate. In addition, this equipment has various kiTL of analog/digital video input interfaces, such as CVBS, S Terminal, YPbPr, SDI, HDMI, etc. and digital audio input interfaces, such as XLR, RCA, AES/EBV, SDI, and HDMI, providing the best digital video encoding solutions to subscriber. It is suitable for the current mainstream DMB-T international standard modulator networking.



Features:

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

MPEG-1 Audio Layer 2

Support various kiTL of streaming media transport protocols, such as UDP; support UDP unicast and multicast

Various kiTL of control modes, such as LCD/button and gateway

Support CVBS, S-Video and YPbPr analog video input

Support HDMI and SDI digital video input

Support XLR, RCA and AES/EBV analog audio input

Support PAL and NTSC SD video formats

Support 720P and 1080 HD video



Technical Specification:

» Video Input	» 1 channel analog CVBS; BNC interface
	» 1 channel S-Video analog component video interface
	» 1 channel SDI digital video; BNC interface
	» 1 channel HDMI multimedia HD audio and video interface
	» 1 channel YPbPr component video interface, BNC interface
» Audio Input	» 2 channels analog stereo audio, XLR interface (balance), RCA Interface (imbalance)
	» 1 channel AES/EBU digital audio
	» 1 channel SDI embedded audio
» Data Stream Output	» 2 channels ASI Output; BNC interface
	» 10/100Base-T Ethernet interface
	» UDP unicast/multicast
» Video Coding	» H.264/AVC High Profile Level 4.0
» System Function	» Control Mode: LCD/Button, network management, etc.
	» Chinese/English Control Interface
	» Ethernet Software Upgrade
» Coding Rate	» 0.8Mbps~20Mbps
» Code Rate Control	» CBR/VBR
» GOP Structure	» IBBP
» Advanced Pre-processing	» De-interlacing, Noise Reducing, Sharpening
» Audio Coding	» MPEG-1 Audio Layer 2
» Sampling Frequency	» 48KHz
» Sampling Precision	» 24-bit
» Coding Rate	» 64Kb/s~384Kb/s
» Resolution	» 1920×1080_60i
	» 1920×1080_50i
	» 1280×720_60p
	» 1280×720_50p
	» 720×480_60i NTSC
	» 720×576_50i PAL