

Two channels multi-standard H.264 encoder tailored for the Mobile TV applications

Enc 326, is a 2 channels multi-standard H.264 encoder tailored for the Broadcasting Mobile TV services.

Developed for the next generation of digital video and audio end-equipment applications.

The encoder relies on a powerful hardware platform that features a best-in-class acquisition board, advanced pre-processing filters, statistical encoding, multiple codec support, multi-stream generation, and superior configuration and supervision capabilities. As a result, it is the solution of choice for all mobile TV applications.



> ENC 326

VIDEO SPECIFICATIONS	
Video Compression and Bit-rate (CBR/VBR)	MPEG-4 AVC BP@L1.3
Video Input Filtering	Horizontal Filter
Aspect Ratios	4:3 and 16:9
SD Resolutions & frame Rates	416 x 240p@29.97/30
	416 x 240p@25
	416 x 240p@24/23.98
	416 x 240p@12.5
	416 x 240p@12/11.98
	320 x 240p@29.97/30
Up/Down/Cross-Conversion	576i@25 to 416x240p, 320x240p
	480i@29.97/30 to 416x240p, 320x240p

AUDIO SPECIFICATIONS	
Standard Channels	1 stereo pair
Audio Formats	AAC-LC, AAC-HEv1, AAC-HEv2
Operating Modes Mono, stereo	Stereo
Encoding Bit-Rate	AAC-HEv2 16 to 64 Kbps

INPUTS AND OUTPUTS	
INPUT	
Video Inputs	ISMA: up to 2 Serial Digital(SMPTE259M) or CVBS (ITU PAL, NTSC)
Default Audio Inputs	One pair via SDI embedded or Balanced Audio
OUTPUT	ASI (only one A/V channel)
	R Input:75 Ohm
	V Input:800 mVpp (500 to 1200 mVpp)
	Standard: CEI EN 50083-9
MPEGoverIP (only one A/V channel)	

POWER	
Input Voltage Range	90-270 VAC PFC corrected power supply
Current	Nominal power 38 VA

ENVIRONMENTAL	
Cooling	8 fans, temperature controlled air flow front to right side
Operating Temperature	+32° to +122° F 0° to +50° C
Storage Temperature	-4° to +176° F -20° to +80° C
Operating Humidity	< 95% non-condensing
Electromagnetic Compliance	FCC Part 15 Class A CE Mark (EN 55022 Class A and EN 50082-1:1997)
Safety	UL 1950 and cUL C22.2#950 EN 60950 ROHS Directive 2002/95/EC

PHYSICAL	
Dimensions	(W x H x D) 19" x 1.75" x 27" (1-RU) 48.26 cm x 4.45 cm x 68.69 cm
Weight	8,81 lbs. / 4 kg

SYSTEM MANAGEMENT	
Control Management GbE	Standalone web user interface
	N° Inputs: 1 Connector: RJ45
	Standard: IEEE 802.3
RS-232	N° Inputs: 1 Connector: DE-9 female