

# Multi format SD Encoder

## E8000-SD



### ■ Production Introduction

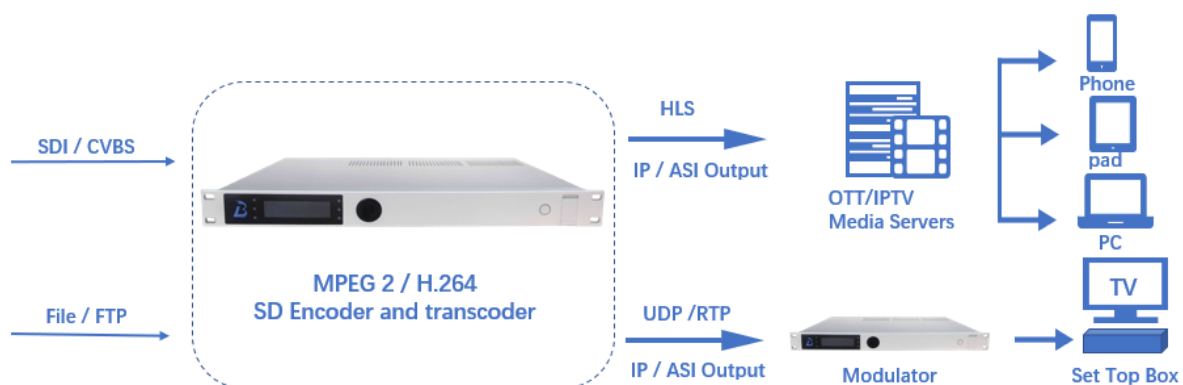
Based on high performance Collaborative Computing, BWFCPC-E8000 provide A/V real time encoding with low bit rate and high quality

The product support video encoding standards such as, H.264, AVC, MPEG 2/4, support audio encoding standards such as MP2, MP3, AAC, AC3, E AC3, support protocols such as UDP, RTP, RTSP, RTMP, HTTP, HLS, Files, Over Samba, NFS, etc. Support SDI/CVBS input, IP/ASI output with, generally used in broadcasting and television, streaming media, intelligent safeguard, provide low bit rate and high quality digital A/V integrated solution.

### ■ Key feature

- Support multi-standard video encode: MPEG-2, MPEG-4, H.264(AVC);
- Video bit rate support: VBR/CBR.
- Video input resolution support: 720x576 50i, 720x480 60i, 720x480 60
- IP outputs TS streams according to UDP protocol, supporting MPTS/SPTS mode.
- With power-down memory.

### ■ Application



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## Product Specification

Input	CVBS(Options)	CVBS input sub cards
	SDI(Options)	SDI input sub cards
Video	Resolution	Input : 720*576/720*480, etc.
		output : 720*576/720*480/Manual
	Encoding	MPEG2 / MPEG4/ H.264/AVS/AVS+/AVC
	Bit-rate	20k ~ 50M bps
	Rate Control	CBR/VBR
	GOP Structure	GOP B Frame: 0-3, GOP P Frame: 0-6
Audio	Resolution	24-bit
	Encoding	MP2, MP3, AAC, AC3, E-AC3, DRA
	Bit-rate	16k ~ 512kbps
	Sampling rate	32/ 44.1/ 48kHz
Multiplexing	Program Quantity	Support 12 Channels programs multiplexing and UDP output
	Function	PID remapping ( Auto/Manual)
		Accurate PCR adjusting
		Generate PSI/ SI table automatically
Output	IP Output	2xRJ45 100/1000M Ethernet support over UDP or RTP(optional)
	ASI	2 x 108Mbps
System	Management	Web-based Management
	Language	English, Chinese
	Upgrade	Web
General	Demission	441mm×444mm×44mm (WxLxH)
	Temperature	0~50°C(operation), -20~80°C(storage)
	Power Supply	AC 100V~240V, 50/60Hz