

# Multi format HD Encoder

## E8000-HD



### ■ Production Introduction

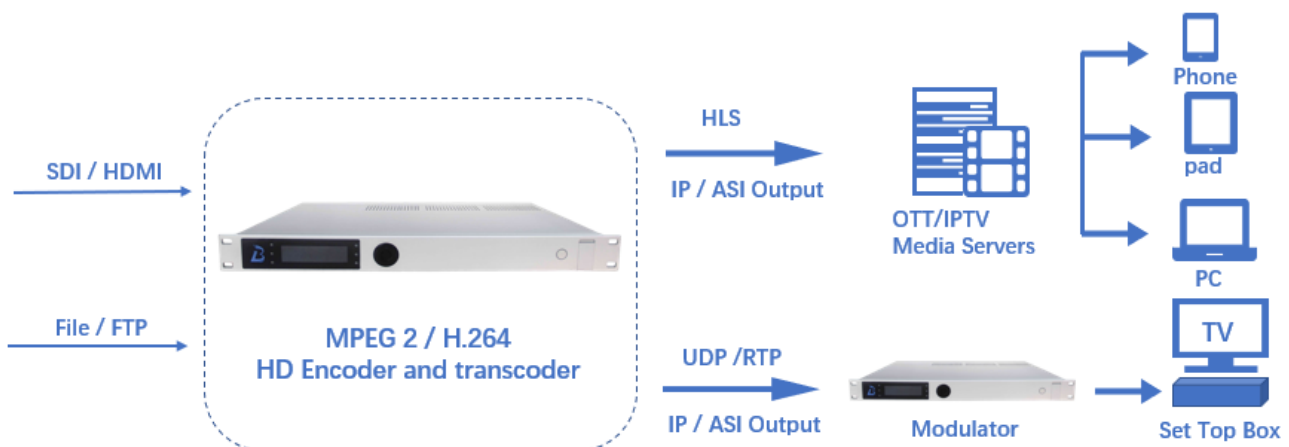
Based on high performance Collaborative Computing, BWFCPC-E8000 provide A/V real time encoding with low bit rate and high quality.

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/HDMI 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: 1920x1080 50i, 1920x1080 60i, 1280x720 50p, 1280x720 60p ;
- IP outputs TS streams according to UDP protocol, supporting MPTS/SPTS mode.
- With power-down memory.

### ■ Application



# Multi format HD Encoder

## Product Specification

|              |                  |  |
|--------------|------------------|--|
| Input        | HDMI(Options)    | HDMI input sub cards   |
|              | SDI(Options)     | SDI input sub cards  |
| Video        | Resolution       | Input : 1920*1080,1280*720, etc.                             |
|              |                  | output : 1920*1080/1280*720/Manual                           |
|              | Encoding         | MPEG2 / MPEG4/ H.264/AVS/AVS+                                |
|              | 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 8 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  |