

EX2 2200



Developed **All Over the World**

EX2-2200 MPEG-2/H.264 Broadcast HD Encoder has been developed around Premium High Quality Magnum chipset, to improve encoding efficiency, decrease encoding time delay, optimize algorithm, increase the anti-bit- error ratio and enhance the image quality to enable it to realize better image compression effect with lower bit rate.

With advanced video preconditioning technique and high efficient video encoding algorithm, it is able to effectively promote use of the available bandwidth and greatly reduce the DTV transmission cost for the operators.



Available **Functions**

EX2-2200 MPEG-2/H.264 Broadcast HD Encoder supplies high quality but

low bit rate video and audio signal for digital TV broadcasting system, mobile telephone TV system and IPTV system.

Multiple video and audio encoding formats available. It supports 4 stereo/8 mono or one DD 5.1 (AC3) audios embedded to mix with the video and create an output TS through ASI/IP port.

Ex2-2200 has QR code, LOGO and OSD inserted function. It will show 3 functions at same time. User can insert advertisement picture, LOGO, special QR code, OSD content on encoding process independent of STB.

Main Features

- ☑ Low latency MPEG-2 HD/SD and MPEG-4 AVC/H.264 HD/SD Broadcast video encoder
- ☑ Video Inputs: SDI, CVBS, YPbPr and HDMI
- ☑ Audio Inputs: AES, RCA and XLR
- ☑ QR code, LOGO, OSD inserted
- ☑ 1080I, 720P, 480I, 576I video resolution and downscale transform
- ☑ MPEG1 Layer II, HE-AAC (v1&v2), LC-AAC and DD AC3 audio encoding
- ☑ DD AC3 audio passthrough (for SDI in)
- ☑ Video buffer, free to switch video sources (all video interface available)
- ☑ CC (closed caption), EIA 608 and EIA 708 (for CVBS and SDI in)
- ☑ ASI output and IP over UDP and RTP output
- ☑ Remote network control supported
- ☑ Web GUI

Manual

