

## MPEG-2 / 4 SD Broadcast Encoder



The UC-350E+ SD MPEG-2/4 ENCODER is a broadcast-level real-time encoder compatible with MPEG-2 and MPEG-4 DVB standards. It is designed for TV broadcasting, news contribution, content delivery, distribution and DTH applications.

The UC-350E+ SD MPEG-2/4 ENCODER model includes SDI and Analog Inputs and allows for the use of standard IRD's. It also includes an ASI input with RE-MUX option, allowing to daisy chain encoders. UC-350E+ encodes one video signal and up to two different audio channels (2 stereo) at the same time, as well as supports MPEG-1 Audio layer 2, LC-ACC, HE-AAC. A wide range of data rates are supported including: (0.25~10Mbps for H.264 encoding, and 0.5~15Mbps for MPEG-2 encoding).

### ADVANTAGES

- MPEG-2 and MPEG-4 encoding
- ASI re-multiplexing
- Compatible with most DVB receivers
- Front panel and remote configuration
- Easy Operation & Deployment
- Very Cost Effective

### APPLICATIONS

- Broadcasting
- News Contribution
- Content Distribution
- DSNB and IP
- Direct-to-Home
- Production Testing
- Satellite Trucks

### SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Video input           | 1 x Analog CVBS BNC connector<br>1 x SD-SDI BNC connector  |
| Audio input           | Analog stereo audio(balanced) XLR interface<br>Analog stereo audio(unbalanced) BNC interface<br>SD-SDI embedded audio  |
| Video Resolution      | 720 x 576, 352 x 288, 320 x 240, 320 x 180, 176 x 144,<br>160 x 120, 160 x 90 @50Hz (PAL)<br>720 x 480, 352 x 288, 320 x 240, 320 x 180, 176 x 144,<br>160 x 120, 160 x 90 @59.94Hz (NTSC) |
| Video Encoding        | MPEG-2<br>H.264/MPEG-4 AVC level 4.0 on SD   |
| Video Bit Rate        | 0.25Mbps~15Mbps MPEG-4<br>0.25Mbps~15Mbps MPEG-2   |
| Video Rate Control    | CBR/VBR  |
| GOP Structure         | IBBP   |
| Audio Encoding        | MPEG-1 Layer 2, LC-AAC   |
| Audio Sampling Rate   | 48KHz  |
| Audio Resolution      | 24-bit   |
| Audio Bit Rate        | 64Kb/s~384Kb/s each channel  |
| Stream output         | 2 x ASI outputs BNC connector<br>IP STREAMING (Unicast/Multicast)  |
| Dimensions            | 19"W 2"H 18"D  |
| Weight                | 9lb  |
| Operating Temperature | 0~45C  |

### KEY FEATURES

- H.264/MPEG-4 AVC level 4.0 video encoding
- MPEG-2 video encoding
- MPEG-1 Audio Layer II audio encoding
- LC-AAC audio encoding
- UDP and unicast/multicast output support
- Composite video input
- SDI digital video input
- 4 XLR and 4 RCA audio inputs
- PAL and NTSC SD video formats
- Front Panel and Software control
- IP Output
- Two Year Factory Warranty

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