UC-350-E+

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
• DSNG and IP
• Direct-to-Home
• Production Testing
• Satellite Trucks

SPECIFICATIONS

Video input	1 x Analog CVBS BNC connector 1 x SD-SDI BNC connector
Audio input	Analog stereo audio(balanced) XLR interface Analog stereo audio(unbalanced) BNC interface SD-SDI embedded audio
Video Resolution	720 x 576, 352 x 288, 320 x 240, 320 x 180, 176 x 144, 160 x 120, 160 x 90 @50Hz (PAL) 720 x 480, 352 x 288, 320 x 240, 320 x 180, 176 x 144, 160 x 120, 160 x 90 @59.94Hz (NTSC)
Video Encoding	MPEG-2 H.264/MPEG-4 AVC level 4.0 on SD
Video Bit Rate	0.25Mbps~15Mbps MPEG-4 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 × ASI outputs BNC connector 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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