

MPEG-4/MPEG-2 SD/HD Broadcast Encoder



The UC-558E+ SD/HD MPEG-4/MPEG-2 is a broadcast-level real-time encoder compatible with MPEG-4/MPEG-2 DVB/S2 standards. It is designed for TV broadcasting, news contribution, content delivery, distribution and DTH applications.

The UC-558E+ SD/HD MPEG-4/MPEG-2 Encoder includes SD/HD-SDI, HDMI, Composite and Component video inputs which allows for the use of standard IRD's. The device supports 4 audio pairs, encoding in MPEG-1 Audio layer 2, AAC, AC-3 formats. It can also support ultra low bit-rate 0.5~60Mbps for H.264/MPEG-2 encoding.

ADVANTAGES

- SD and HD capable
- Compatible with most DVB receivers
- Front panel and remote configuration
- Easy Operation & Deployment
- Very Cost Effective
- Low Latency Chipset

APPLICATIONS

- Broadcast
- 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 S-Video Analog YPbPr input BNC connector 1 x YPbPr video input BNC connector 1 x HD/SD-SDI BNC connector 1 x HDMI connector
Audio input	2 Analog stereo audio(balanced) XLR interface 2 Analog stereo audio(unbalanced) BNC interface 1 AES / EBU digital audio XLR interface HD/SD-SDI embedded audio LC-AAC audio format optional
Video Resolution	1920 x 1080i@60, 1920 x 1080i@59.94, 1920 x 1080i@50, 1280 x 720p@60, 1280 x 720p@59.94, 1280 x 720p@50 720 x 576@50, 720 x 480@59.94
Video Bit Rate	0.5Mbps~60.5Mbps
Video Rate Control	CBR/VBR
Audio Encoding	MPEG-1 Layer 2, AAC, AC-3
Audio Sampling Rate	48KHz
Audio Bit Rate	32Kb/s~640 Kb/s
Stream output	2 x ASI outputs BNC connector IP STREAMING (Unicast/Multicast)
Dimensions	19"W 2"H 14"D
Weight	9lb
Operating Temperature	0~45C
Storage Temperature	-20~80C
AC Power	90 ~240VAC 50/60Hz
Power Consumption	25W

KEY FEATURES

- H.264/MPEG-4 AVC level 4.0 video encoding
- MPEG-2 HD/SD Encoding
- MPEG-1 Audio Layer II audio encoding
- AAC audio encoding
- UDP unicast/multicast IP output support
- AC-3 Audio Encoding
- Closed Captioning Support EIA608, EIA708
- HD/SD-SDI digital video input
- HDMI digital video input
- XLR, analog and embedded audio inputs
- PAL and NTSC video formats
- Front Panel and Software control
- Two Year Factory Warranty
- 4: 2: 2 and 4: 2: 0 Chroma Sampling
- Video Input Buffering

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