

# UC-450E+ ENCODER

## MPEG-4 HD Broadcasting Encoder

Upcom Technologies' UC-450E+ MPEG-4 HD ENCODER is a broadcast-level real-time encoder compatible with MPEG-4 DVB standard. It is designed for TV broadcasting, news contribution, content delivery, distribution and DTH applications. The 350E+ model includes HD SDI and Analog Inputs and allows for the use of standard IRD's .



- **1 HD SDI AND 1 CVBS VIDEO INPUT**
- **H.264/MPEG-4-AVC PROFILE 4.0**
- **IP AND ASI SIMULTANEOUS OUTPUTS**
- **COMPATIBLE WITH ALL STANDARD MPEG-4 SD/HD IRD's**
- **XLR AUDIO INPUTS (2)**
- **FRONT PANEL AND SOFTWARE CONTROL**
- **VIDEO QUALITY BETTER THAN HIGHER COST ENCODERS**
- **2 YEAR WARRANTY!**

<b>Video Input:</b>	HD Format - SMPTE - 296/SMPTE - 274 SD Video Format NTSC/PAL Analog Video through SD CVBS (1 Input) Digital Video through SDI (1 Input)	<b>IP Stream:</b>	UDP and RTP Compliant Stream
<b>Audio Input:</b>	1 balanced audio pairs 1 digital audio pair embedded SDI	<b>Network Management:</b>	RJ45 Ethernet Interface
<b>Digital Video Output:</b>	2 ASI BNC Outputs (up to 20 Mbps) 1 RJ-45 IP Interface (TS over IP) SPI, E2/E3/DS3 (optional)	<b>Display:</b>	1 Line backlit LCD
<b>Video Processing:</b>	MPEG-4 part 10 MP@L1-3 Supports Full D1 Real Time Encoding	<b>Control:</b>	Front Panel or M&C Software
<b>GOP Structure:</b>	I, IP, IPB, IPBB, MPEG-2 AFF	<b>Altitude:</b>	Up to 10,000ft
<b>Standard (NTSC/PAL):</b>	D1, Half D1, SIF, Q-SIF	<b>Temperature:</b>	Operating Temperature: 0° to +45°C Storage Temperature: -25° to +55°C
<b>Audio Processing:</b>	MPEG I Layer II (Sampling 48KHz)	<b>Humidity:</b>	10 to 75%
<b>Data Ratio Control:</b>	VBR, CBR	<b>Shock and Vibration:</b>	Equal to mobile van
		<b>AC Power:</b>	85VAC to 265VAC 50/60Hz 20W
		<b>Dimensions:</b>	19"W 2"H 13"D @ 9lbs

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