

UC-450HD ENCODER

High Definition Broadcast Encoder

Upcom Technologies' UC-450HD ENCODER is a broadcast-level real-time encoder compatible with DVB standard. It is designed for TV broadcasting, news contribution, content delivery, distribution and DTH applications. The 450HD model includes HD-SDI input and encodes various formats such as 1080i, 720p, 576i and 480i to an output TS.



- **HD-SDI AND SD-SDI INPUTS**
- **MPEG-4 AVC./ H.264 AND MPEG-2 COMPATIBLE**
- **COMPATIBLE WITH ALL STANDARD MPEG-4 HD IRD**
- **ASI OR RJ-45 OUTPUT**
- **QUICK BOOT UP AND LOW DELAY ENCODING**
- **BUILT IN BISS-1/E (OPTIONAL)**
- **EASY OPERATION THROUGH HTTP MENU AND/OR FRONT DISPLAY WITH EASY TO USE CONTROL BUTTONS.**
- **SUPPORT FOR 8 I/O AUDIO CHANNELS (16CH OPTIONAL)**

Video Input:	HD-SDI SD-SDI	IP Stream:	UDP and RTP Compliant Stream
Audio Input:	Embedded Audio: 8ch AES/EBU 16ch (Optional)	Network Management:	RJ45 Ethernet Interface
Digital Video Output:	DVB ASI BNC Outputs 1 RJ-45 IP Interface	Display:	1 Line backlit LCD
Video Processing:	HD 4:2:2 P@L4, HP@L4, MP@L4 SD 4:2:2 P@L3, HP@L3, MP@L3	Control:	Front Panel or M&C Software
Encoding Mode:	CBR	Altitude:	Up to 10,000ft
		Temperature:	Operating Temperature: 0° to +45°C Storage Temperature: -25° to +55°C
		Humidity:	10 to 75%
		Shock and Vibration:	Equal to mobile van
		AC Power:	85VAC to 265VAC 50/60Hz 50W
		Dimensions:	19"W 2"H 13"D @ 9lbs

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