

UMH 221

MPEG-2 ENCODER



Description

The UMH 221 encoder is designed to support service providers to deliver high quality MPEG-2 video cost-effectively while using limited bandwidth. Fully compliant with DVB standard, it compresses, encodes and multiplexes the analog video/audio signal into SPTS (Single Program Transport Stream) output. The UMH 221 encoder can obtain excellent picture quality at low bit-rates and is ideal for real-time digital TV broadcasting.

Features

- Fully MPEG-2 4:2:0 MP@ML video compliant
- MPEG-1 layer II audio encoding
- Continuous & adjustable TS output ranged from 1.5 to 15Mbps
- Support MPEG-2 frame/field motion estimation and DCT
- Control via front panel or SNMP
- Support PMT/Video/Audio/PCR PID setting
- Program/Service provider name setting
- CVBS,S-video input
- 2 ASI transport stream output
- TS stream PCR synchronization

Business Benefits

- The UMH 221 can be remotely controlled via SNMP management, which efficiently reduces the need for costly on-site operation and saves your budget
- Continuous & Adjustable TS output guarantees the flexibility for users to control the output bit rate

Specifications

Inputs

Video

- Video format: NTSC/PAL
- Analog input: CVBS, S-Video

Audio

- Encoding: MPEG-1 Layer II
- Sampling frequency rate: 32KHz, 44.1KHz, 48KHz
- Layer II coding mode: Stereo, Joint Stereo, Dual Channel, Mono

Outputs

- DVB interface: Two ASI ports
- Connector Type: BNC 75 ohm
- Stream format: Single Program Transport Stream
- TS Rate: 1.5~15 Mbps
- Packet length: 188 byte
- Ethernet control interface: RJ45

Control and Monitoring

Local

- Full front panel- LCD character with menu and input keys

Management Interface

- Ethernet 10/100 based on RJ45
- SNMP management software

Physical characteristics

Power

- Input Voltage: AC 90-250V 50/60Hz

Size

- Standard 1RU (19" rack)

Dimensions (H x W x D)

- Unit Size: 42mm x 484mm x 335mm
 - Package: 132mm x 539mm x435mm
- ### Weight
- Net Weight: 3.8KG



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