

DTV Headend



UMH 230 MPEG-2 Encoder



Description

The UMH 230 is a highly reliable advanced MPEG-2 Encoder for DTV operators and service providers, which is able to output standard ASI-interfaced MPEG-2 Transport Stream. Fully compliant with DVB standard, it not only provides basic analogue Video/Audio encoding and compression, but also provides digital SDI encoding, balanced audio embedding and IP signal output. The UMH 230 obtains excellent picture quality at low bit-rates and is ideal for real-time digital TV broadcasting.

Feature

1. MPEG-2 4:2:0 MP@ML video coding, 1.5-15Mb/s continuous adjusting
2. Support 2 stereo pairs (4 mono) audio encoding
3. ASI and SPI option E1/E2/E3/DS3 compatible with G.703 option standard
4. Variable GOP
5. Low power consumption
6. IP encoding output meets the UDP as well as RTP protocol option
7. Support Ethernet network management
8. Control: RS-232 LCD RJ45

Specification

Input

Video format: NTSC/PAL
Analog video: composite (CVBS), s-video, component
Digital video: SDI (optional)
Analog audio: 1 balanced stereo pair
1 non-balanced stereo pair
Digital audio: AES-EBU (optional)
Audio sampling rates: 32KHz, 44.1 KHz, 48KHz
Connector Type: BNC

Output

DVB interface: 2 ASI ports (BNC)
IP interface: Ethernet (RJ45)
SPI interface: DB25 (optional)
Telecom interface: E2/E3/DS3 (BNC) (optional)
Compatible with G.703 standard (optional)

Control & Monitoring

Local:
Full front panel control
LCD and RS-232
Remote:
Access via Ethernet (TCP/IP), SNMP

Software Update

Flash hardware
Ethernet (TCP/IP)
RS-232

Physical Specification

1RU box (19" rack)
Power: 50Hz AC 100V-240V 200W
Dimension: 306(L) x 484(W) x 44(H) mm
Net Weight: 5KG

