

Sumavision



8020 Decoder

GENERAL INTRODUCTION

Sumavision 8020 is a professional broadcasting quality decoder based on MPEG-2 and DVB standards, which can receive TS stream with the packet length of 204/108 and select one of the programs for decoding. The decoder has sufficient input and output interface and several optional work modes. Its excellent compatibility makes it flexible to connect with all kinds of encoders and multiplexers.

APPLICATIONS

- Fixed and Mobile Contribution / Distribution
- Cable TV head-ends
- MMDS/MUDS
- IP network
- Business TV
- Private Networks
- Distance Learning

FEATURES

- 4:2:2 MP@ML, 4:2:0 MP@ML
- Configured and controlled through front panel, terminal and remote control unit
- VBI for Re-Insertion in Composite and SDI
- Redundancy support, GPI
- SDI, AES/EBU output (option)
- IP input (option)
- Dolby Digital (AC-3) LT/RT Down mixing (option)
- Dolby Digital (AC-3) Pass-Through (option)
- Linear PCM and Dolby-E Pass-Through (option)

SAMPLE CONFIGURATION



SPECIFICATIONS

Inputs

TS

- 1 x ASI input
- 1 x ASI loop out
- 1 x DS3/E3 input (Option)
- Packet length: 188/204

MPEG over IP (Option)

- 1 x 10/100BASE-T Ethernet, RJ-45
- UDP Protocol
- Support re-transmission
- Support Unicast/Multicast/Broadcast

Data

- RS-232 Low speed data (max 38.4Kbps)

Outputs

Video

- Video format: MPEG-2 4:2:0 MP@ML, MPEG-2 4:2:2 MP@ML (Option)
- 2x CVBS (one for monitoring)
- 2x SDI (same, Embedded Audio Included), (Option)
- 1x S-Video (for monitoring)
- Video Format: PAL/NTSC

Audio

- 2x Analogue Stereo, Balanced
- 2x AES/EBU (Option)
- Audio format: MPEG-1 Layer I, MPEG-1 Layer II
- Sampling Frequency: 32KHz, 44.1KHz, 48KHz

Control

- Front Panel control
- 10/100BASE-T Ethernet control port, RJ-45
- SNMP and HTTP control

Physical

Dimensions (H x W x D):

- 44mm x 483mm x 530mm (1.75" x 19" x 21")
- 1RU (19" rack)

Approximate Weight:

- 4.5Kg(10Lb)

Power

- Power Input: 100~120VAC or 220~240VAC
- Consumption: <=50W

Environmental Conditions

- Operating: 5°C to 40°C (41°F to 104°F)
- Storage: -10°C to 70°C (14°F to 158°F)
- Humidity: 80% non-condensing

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