

7880DEC-MP2HD-2

Dual HD MPEG-2 Decoder

As broadcasters, cable companies, satellite providers and IPTV companies are moving to a all digital domain, all distribution is done in the compressed domain. These service providers have a need for a versatile, easy to use, cost effective pro video decoder.

The 7880DEC-MP2HD-2 is a professional high quality MPEG-2 SD and HD decoder card. It offers high end SD and HD decoding of two signals coming from 2 ASI inputs.

The 7880DEC-MP2HD-2 is perfect for monitoring applications or decoding for downstream baseband video and audio processing.

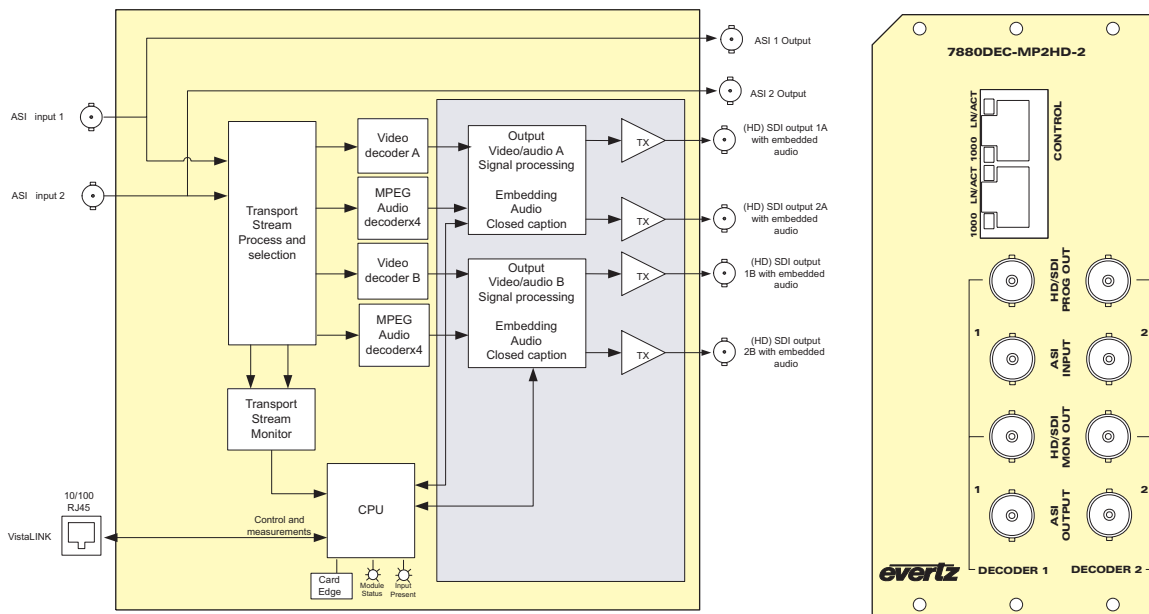
The 7880DEC-MP2HD-2 can reconstruct in the most flexible way all VANC & HANC data in the HD/SDI output.

The front end of the 7880DEC-MP2HD-2 includes advanced ASI input monitor. The 7880DEC-MP2HD-2 offers 2 ASI inputs to feed 2 independant decoders.

The 7880DEC-MP2HD-2 can be coupled with Evertz RF front end (7780DM2-LB DVB-S2 demodulator) and Evertz downstream video and audio processing equipment to create a complete versatile integrated receiver/decoder.

►Features & Benefits

- 2xSD or HD 422 Video Decoder (422 Optional)
- ASI dual inputs on each decoder
- Selection of decoded service
- (HD) SDI with embedded audio and ancillary data
- Monitoring of ASI inputs
- Fully integrated with the industry leading VistaLINK® PRO system
- Built-in frame controller for control



►Specifications

Inputs and outputs:

- 2 ASI Input per DVB TR 101 891-270Mb/s Maximum Bitrate 180Mb/s
- SDI outputs 270Mb/s SMPTE 259M
- HD SDI outputs 1.485Gb/s SMPTE 292M
- 2 x SDI/HDSI output per decoder

TR101290 P1	TR101290 P2
1.1 TS_sync_loss	2.1 Transport_error
1.2 Sync_byte_error	2.2 CRC_error
1.3 Pat_error	2.3 PCR_error
1.4 Continuity_count_error	2.4 PCR_accuracy_error
1.5 PMT_error	2.5 PTS_error
	2.6 CAT_error

Decoding Specifications

- Video:
SD Encoding Standard Supported:
MPEG-2 Main Profile @ Main Level
Standard definition 525 (NTSC) and 625 (PAL)
- Video Format:
HD Encoding Standard Supported:
MPEG-2 Main Profile @ High Level
HD 720P and 1080i
60Hz and 50Hz
- Audio Decoder:
MPEG-1 layer 2 decoder x 4 per video decoder
- Option +422 Decode:
SD MPEG-2 422 Profile @ Main Level
HD MPEG-2 422 Profile @ High Level

Note: Max Input Video Bitrate is 45Mb/s

Embedding of HANC & VANC:

- Audio Pass Through (AC-3, Dolby E™)
- Closed Caption

Electrical:

Power: 65W

Physical:

Number of Slots: 3

►Ordering Information

7880DEC-MP2HD-2 Dual HD MPEG-2 Decoder

Enclosures
7800FR

3RU Multiframe which holds up to 15 single slot modules

Ordering Options

Rear Plate must be specified at time of order
Eg. Model +3RU
Optional 4:2:2 HD MPEG-2 Decoder

+422

Rear Plate Suffix

+3RU

3RU Rear Plate for use with 7800FR Multiframe