



B113 MPEG-2 4:2:2 Video Decoder, SDI & Composite

(Previously DTVD3030)

The B113 video decoder is a standard definition MPEG-2 professional decoder seamlessly supporting both 4:2:0 and 4:2:2 formats.

Available with either dual ASI inputs or a single ASI input with ASI loop-through output, the B113 has composite and SDI video outputs, as well as AES/EBU and analogue audio outputs. Dual digital and an analogue video outputs make the module ideal for re-encoding applications where simultaneous analog monitoring is required.

The module is housed within the V1606 (3RU) chassis.

Applications

- Multi-channel signal monitoring for transmission master control or outside broadcasting
- Professional decoding for digital turnaround to MPEG-2 encoding
- Contribution/distribution decoding including BISS Mode 1 and E descrambling
- Picture quality monitoring of standard definition services with OSD option
- Versatile multi-channel redundancy architectures
- Post-production of live digital feeds requiring frame synchronization

Features

- DVB-ASI to composite video MPEG-2 MP@ML 4:2:0 and 4:2:2 decoding
- Dual-switched ASI inputs or ASI loop-through
- Video output supports PAL-I//N/M and NTSC formats with 525 and 625 line support
- Dual AES/EBU external audio outputs embedded within SDI video
- Adaptive video frame support for 4:3 and 16:9
- VBI data support (Video index, WSS, EBU subtitling, teletext, VITC)
- Service selection through PSI/SI or PID value
- Remote control through RS232 or Ethernet SNMP v1 B065 rack controller

Ordering information

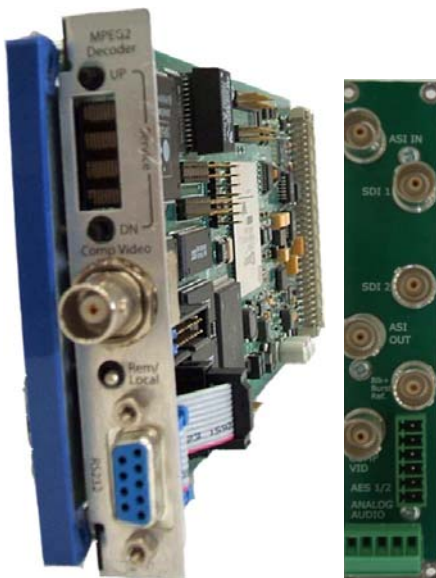
B113D MPEG-2 Video Decoder (4:2:0 & 4:2:2), Dual ASI input

- 2x SDI output (4:3 and 16:9) & 1x Composite output
- 2x AES/EBU audio output & 1 stereo analogue output

B113L MPEG-2 Video Decoder (4:2:0 & 4:2:2), Single ASI input with loop through out

- 2x SDI output (4:3 and 16:9) & 1x Composite output
- 2x AES/EBU audio output & 1 stereo analogue output

Options include BISS mode 1 & E descrambler (B121) & on-screen display (B122).



Rear ordered separately