



B112 MPEG-2 Video Decoder, SDI

(Previously DTVD3020)

The Hawkeye B112 video decoder is a standard definition MPEG-2 professional decoder designed specifically for applications requiring SDI video with embedded audio and/or AES/EBU outputs.

Available with either dual ASI inputs or a single ASI input with ASI loop-through output, the B112 has dual SDI video outputs. An optional second AES/EBU audio channel output is available.

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

Features

- DVB-ASI to SDI decoding
- Dual-switched ASI inputs or ASI loop-through
- Hot-swappable, compact module
- Dual SDI digital video outputs
- Adaptive video frame support for 4:3 and 16:9
- MPEG-1 & MPEG-2 layer I/II audio decoding with AES/EBU external audio output, embedded with SDI video
- 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 using B065 rack controller

Ordering information

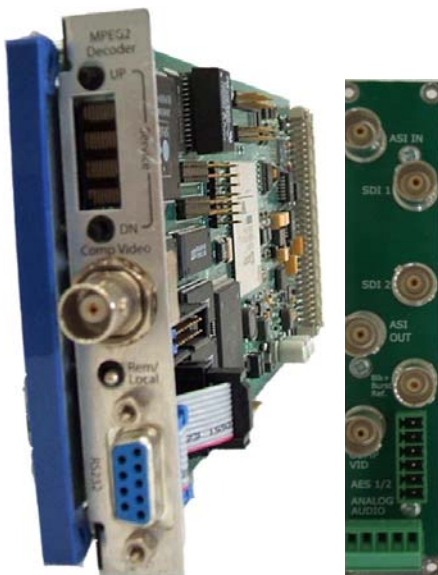
B112D MPEG-2 Video Decoder (4:2:0), Dual ASI input

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

B112L MPEG-2 Video Decoder (4:2:0), Single ASI input with loop through output

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

Options include BISS mode 1 & E descrambler (B121), on-screen display (B122), H+V reference lock (B123) and 2nd audio decoder (B124),



Rear ordered separately