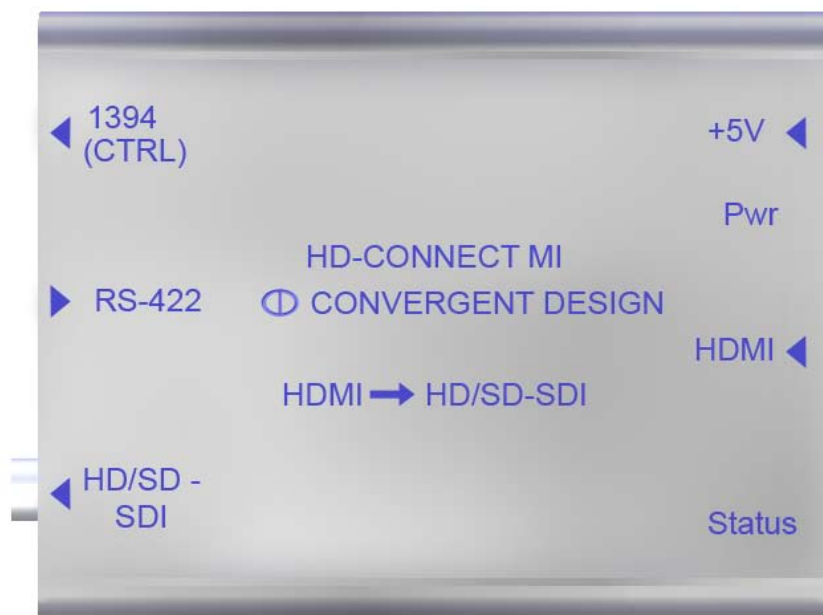


Introducing the HDMI to HD/SD-SDI Convertor

# HD-Connect MI™

Don't change your Workflow....  
**UPGRADE your CONNECTION....**



Bring **HDV, DV** or **AVCHD** into  
Your Existing HD/SD-SDI Workflow....



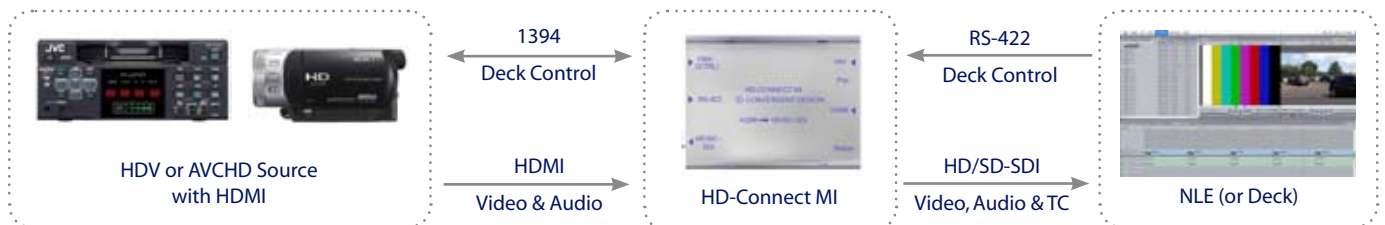
**Long ~~GOP~~ Gone**  
**Simple + FAST**

Convergent Design 

# HD-Connect MI Specifications

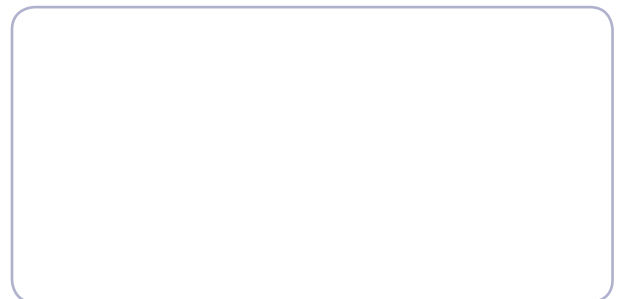
## Key Features and Benefits

- HDMI → HD/SD-SDI Conversion (with embedded audio & time-code)
- HDV, DV and AVCHD Playback Support!
- Eliminates Long-GOP (HDV) editing (and associated render times) by enabling REAL-TIME conversion of HDV to DNxHD, DVCPProHD and other I-Frame Codecs
- Works with JVC HDV BR-HD50U Deck, Sony HDV HVR-M25U Deck, Sony HDV HDR-HC3 Camcorder and upcoming AVCHD camcorders
- Saves the cost of purchasing multiple decks for 720p and 1080i support. For example, the Sony M25U deck or HDR-HC3 camcorder will playback both 720p and 1080i tapes (except 720p24 and 1080i24F). (Not possible with Native HDV Editing).
- YUV 4:2:2 or RGB 4:4:4 HDMI/DVI Support
- 50Hz and 59.94/60Hz compatible
- Cross Conversion and down-scale as provided by the deck
- 100% digital, no A/D or D/A conversions
- RS-422 → 1394 deck control for batch captures: offline/online workflows
- DVI Support (requires adapter cable)
- New formats: 1080i60 and 1080p30/29.97/25/24/23.98
- Auto detection of drop-frame and non drop-frame tapes
- Compatible with Sony HDCam & DigiBeta Decks
- Verified with: Avid Adrenaline HD, Avid DS Nitris, Avid Media Composer, Final Cut Pro (with AJA or Blackmagic Card), Adobe Premiere, Media 100 & Quantel products



## Applications

- Ingest HDV, DV and AVCHD into an SDI based NLE
- Create Tape Dubs to Digi-Beta or HDCAM
- Convert from DVI source (such as a computer) to HD/SD-SDI
- Play 720p and 1080i HDV and DV tapes in Sony HDV cameras and decks and get HD/SD-SDI output
- Use consumer grade HDV cameras to play back tapes at same quality as higher end decks (including scaling)
- Size: Width 5" (127mm), Depth 3.5" (90mm), Height 1.1" (28mm)



## About the HD-Connect MI

The Convergent Design HD-Connect MI is an HDMI to HD/SDI-SDI converter box featuring embedded audio and time-code. This unique box converts the uncompressed (YCbCr 4:2:2) video and audio from Sony / JVC deck or camcorder HDMI output into the HD/SD-SDI format used in professional video applications. The HD-Connect MI offers two distinct advantages over other HDV converters: DV as well as HDV support and the ability to playback both 1080i and 720p tapes from a single deck (see FAQs for more details). Users can connect the HD/SD-SDI output to their NLE systems and convert HDV/DV to DVCPProHD, DNxHD or uncompressed HD/SD in real-time. Additionally, the HD-Connect MI converts RS-422 deck commands to 1394, so the HDV deck or camcorder can be directly controlled from an editing application. Offline/ Online workflows as well as batch captures are easily supported. Finally, tape dubs from HDV to HDCAM or DigiBeta entail only a single coax connection via the HD/SD-SDI cable which carries video, audio and time-code.

