Miranda’s HD-Bridge DEC+ is a high quality HDV (MPEG2) decoder interface with multiple output formats for news gathering, recording, monitoring, and on-air playout. HD-Bridge Dec+ features two HDV IEEE-1394 ports (iLink, Firewire), an ASI input, and a Genlock reference input.

Dual digital video outputs provide either HD-SDI or SDI with embedded audio and Time Code. One output is a clean feed, and the other features Time Code burn-in and aspect ratio markers. The interface also provides composite, SD/HD component video, AES and analog audio, and LTC outputs.

**Key Features and Benefits**

- High quality HDV to HD/SD conversion
- Multiple outputs: HD/SD with embedded audio and Time Code, Component Analog SD/HD, Composite, AES, Analog audio and Time Code
- Cross conversion with HD-SDI output at 1080i or 720p
- Dual HD/SD outputs: one clean output, and one with Time Code burn-in and Graticule Markers
- Desktop design with front (4-pin) and rear (6-pin) IEEE-1394 HDV connections
- VTR control by RS-422
- Genlock input for broadcast applications
- Low cost monitoring by constant Composite output
- 720p24 HDV to 1080PsF24 HD-SDI conversion for high-end 24p production
- ASI input for cost effective HD news gathering, when used with ASI-Bridge CAM (see page 28)
- Downconverter HDV/HD to SDI with selectable anamorphic, cropped or letterbox formats.

A RS-422 port is available for VTR control, and a built-in cross converter allows 1080i / 720p HD cross-conversion. The interface can also perform 720p24 HDV to 1080PsF24 HD-SDI conversion for high-end 24p production, and there is also a 1080i/720p HD to SD downconverter.

A lower cost version of the HD-Bridge DEC+, called HD-Bridge DEC, is identical except that it does not include the ASI and Genlock inputs.

**Ordering Information**

<table>
<thead>
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<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>HD-Bridge DEC+</td>
<td>HDV to HD/SD Interface with Genlock and ASI Inputs</td>
</tr>
<tr>
<td>HD-Bridge DEC</td>
<td>HDV to HD/SD Interface</td>
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<td>HD-Bridge Tray</td>
<td>19” Rack Mount Tray for Two HD-Bridge DEC Interfaces</td>
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</table>
**HD-Bridge DEC+ Typical applications**

**HD/SD capture and editing**

HD-Bridge DEC+ converts HDV to HD/SD for high quality, uncompressed HD/SD editing, with easy digital/analog video and audio monitoring.

**720p24 HDV to 1080p24 HD-SDI “Universal Mastering Format” conversion**

The HD-Bridge DEC+ is ideal for performing 720p24 HDV to 1080p24 HD-SDI conversion for high-end 24p production.

**HDV content for broadcast playout**

The versatile HD-Bridge DEC+ features multiple outputs which simplify the monitoring, recording and on-air playout of HDV content.

**Long range HDV news gathering over coax**

The HD-Bridge DEC+ can be combined with the ASI-Bridge CAM (see page 28) to create a highly effective long range HDV newsgathering system. This overcomes the short range limits of Firewire cable, and allows more flexibility in the field.