For organizations looking to encode and modulate unencrypted HDMI sources cost-effectively, the HDBridge 2900 Series is a great option. This four channel encoder/modulator allows you to deliver HD video up to 1080p/i resolution to an unlimited number of displays over almost any distance.

The HDBridge 2900 series converts high definition AV sources into an RF signal received a television’s QAM (NA model) or DVB-T/C (EU model) digital tuner over coax cable. With its high 45 dBmv RF output, you can send your content to an unlimited number of displays over nearly any distance.

**SUPERIOR VIDEO QUALITY**
- Full MPEG-2 implementation
- I, P, and B Frames
- Low latency
- Full motion estimation with a wide search range

**HIGH RELIABILITY**
- Low-stress power system
- Full system instrumentation and monitoring
- Official international regulatory approval
- Forced air cooling for effective thermal control

**EXTENSIBLE ARCHITECTURE**
- Easy downloadable firmware updates
- Future enhancements provided regularly
- Emergency Alert System (EAS)

**EASE OF MANAGEMENT**
- Powerful, highly intuitive web interface
- On-site or remote management
- Configure/manage multiple units from front Panel Display for local management

Multiple units can be combined to create a headend that supports over 100 channels on the RF network. This unit is designed primarily for high channel density environments where rapid deployment, advanced management, and compatibility are critical.

**MODELS:**

**HDb2920-NA**
2 HD-SDI video inputs with embedded digital audio inputs up to 1080i/1080p
### General

<table>
<thead>
<tr>
<th><strong>Power</strong></th>
<th>100–240 VAC 50/60 Hz, 60W max. 30W Typical IEC 60320–C14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compliance</strong></td>
<td>FCC Class A, IEC60065, EN61000 (see manual 70-00031-00), CE, RoHS, RCM C-Tick</td>
</tr>
<tr>
<td><strong>Enclosure Dimensions</strong></td>
<td>1.72 in. (H) x 17.33 in. (W) (without rack mount ears) x 9.9 in. (D) 43.6 mm (H) x 440.2 mm (W) x 251.5 mm (D)</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Rack ears shipped attached, 1RU high</td>
</tr>
<tr>
<td><strong>Carton Dimensions (individual)</strong></td>
<td>4.25 in. (H) 30.875 in. W 12.125 in (D) 108 mm (H) 785 (mm) W 308 (mm) (D)</td>
</tr>
</tbody>
</table>

### Input

| **Serial Digital Interface** | Two ports of (HD/3G) Serial Digital Interface video (BNC, 75 ohm) |
| **Supported Resolutions** | 480i (SDI, HD-SDI, 3G-SDI) B27; 720p @ 59.94/60 Hz (HD-SDI, 3G-SDI); 1080i @ 59.94/60 Hz (HD-SDI, 3G-SDI); 1080p @ 23.98/24/29.97/30 Hz (3G-SDI), Embedded AC3 or PCM audio supported (59.94/60 down-sampled for standard broadcast) |
| **Electrical Formats** | SDI (SMPTE 259M), HD-SDI (SMPTE 292M), 3G-SDI (SMPTE 424M) |
| **Control Setup** | 10/100 Mb Ethernet via RJ45 connection IP address via DHCP or set by user HTML/Javascript served web interface for easy configuration Telnet connection for CLI scripting Easy firmware updates All settings saved in NV storage |}

### About ZeeVee

ZeeVee, Inc., headquartered in Littleton, Mass., and founded in 2007, is a leading global developer of digital technology and products for distributing audio-video content from any source or multiple sources to any number of displays. Manufactured in the U.S. and used primarily in commercial and corporate applications, ZeeVee products are employed worldwide by major organizations in education, government, hospitality, retail, sports, entertainment, broadcasting, healthcare, housing, energy and other industries. For more information visit [www.zeevee.com](http://www.zeevee.com)