

ZeeVee HDB3KR-NA 12 Media module HDbridge3000 Chassis System

Flexible AV Distribution over RF & IP

Ideal for organizations looking for an easy and affordable way to create a digital head-end for distributing large numbers of AV sources to an unlimited amount of displays, the HDbridge3000 provides a reliable way to deliver multiple channels of video simultaneously within a compact 3RU footprint. Whether you are distributing SD or HD content, over RF or IP, the ZeeVee HDbridge 3000 provides the flexibility needed.

The HDbridge3000 is modular with hot-swappable cards, allowing you to mix and match cards with different interfaces and resolution as needed. Populate the chassis with up to 72 channels of SD over RF, 24 channels of HD over RF (with the optional IP streams) or 48 channels of H.264 IP streams. Combine multiple HDbridge3000 units to increase the number of channels.

NOTE: Cards are sold seperatly.

Emergency Alert System

The HDbridge3000 has built-in Emergency Alert System capability. The ZeeVee Emergency Alert System (EAS) can tie into national or local alert systems. ZeeVee processes alerts sent with either EAS-NET or MPEG streaming. When an alert is active, all current audio and video will be interrupted and replaced with the alert.

Incredibly easy set-up and management with ZeeVee Maestro

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Directly control set-top boxes

The ZeeVee ZvSTB control software enables you to manage the DirecTV receiver or other supported set-top-box receivers from any computer through the Maestro software interface. You can turn the receiver on or off, change channels, as well as edit channel names appearing on the screen from any computer with network access.

Add a Digital Tuner

Have a projector or other display that doesn't have a QAM or DVB-T/C digital tuner? No problem. The ZvSync (sold separately) enables you to connect any display or projector to the HDbridge encoder coax connection and receive crystal clear video up to 1080p resolution just as if your display was built with a digital coax tuner. Perfect for sports bars and house of worship applications that use projectors and televisions in the same space.

Create your own custom channel with ZvShow

The HDbridge3000 provides an extra channel that enables you to offer customized content on your displays in addition to the channels that are already being broadcast. ZvShow will play a video file (MP4, WMV, MOV) on a separate channel to enable you to use displays to play commercials, showcase menus, or as digital signage. Simply change the channel to select the content you want to see on your display. NOTE: ZvShow is not available on IP capable media cards, iSeries products, or the composite media module.

Add More Channels

Combine multiple HDbridge units to create a video network head end up to 144 channels over a single coax cable.

The modular design of the chassis provides 12 media slots giving the flexibility to mix-and-match unencrypted HDMI, HDSDI, Component/VGA and Composite cards, making it ideal for professional-grade video distribution. Adjustable rack ears can be moved to either the front or rear of the unit, allowing front-facing or rear-facing media modules and power supplies. What's more, if an existing media module is replaced with the same type of module, it is automatically programmed by the control module to use the same settings as the previous module, saving valuable on site time.

Features

- 12 Media module slots for delivering any type of content regardless of source input, unencrypted HDMI, HD-SDI, component, VGA, and composite can be used.
- Simultaneous video output in both RF over coax and IP over CATx. IP capable cards must be purchased to enable IP output.
- Up to 24 channels of HD content, 72 channels of SD content or mix and match cards to meet your customers' needs.
- Zero downtime with fully redundant and hot-swappable media modules, fans, and power supplies.
- No active components on the backplane mean higher reliability.
- Configured and maintained using ZeeVee's user-friendly, yet powerful Maestro management platform.
- Distribute video over RF to an unlimited number of displays leveraging the QAM or DVB-T/C tuner in the TV.
- Built-in Emergency Alert System capabilities.
- Playback custom content using the ZvShow channel.
- Compact 3RU form-factor.