



TVU networks 2000 Series Appliances

BD2000, ED2000, SD2000, AD2000

TVU networks has created a family of modular plug-and-play appliances for the professional broadcaster. These appliances are rack-mounted 1U units that fit right into the broadcast environment, with industry-standard inputs and easy plug-and-play configuration.

The 2000-series appliances allow the broadcaster to encode and broadcast a channel, schedule programming, and seamlessly insert in-stream advertising.

Product Description - BD2000

The TVUBroadcast BD2000 appliance is the cornerstone of the TVU networks 2000-series broadcast system. It enables professional broadcasters to broadcast live TV channels on the TVU system.

The BD 2000 is built on TVU's Real-time Packet Replication (RPR) technology. With a single appliance and a single data line, broadcasters can reach an unlimited numbers of viewers around the world.

The BD2000 appliance offers the choice of using either a pre-compressed signal (from the ED2000 or another source) or pre-recorded content.

The BD2000, in combination with TVU's back-end billing capabilities, can be used to create subscriber channels or pay-per-view events. With the addition of a AD2000 appliance, advertiser-funded channels can also be created.

With the BD2000's built-in content rights management tools, the broadcast signal can be restricted to any geographic region.

Product Description - ED2000

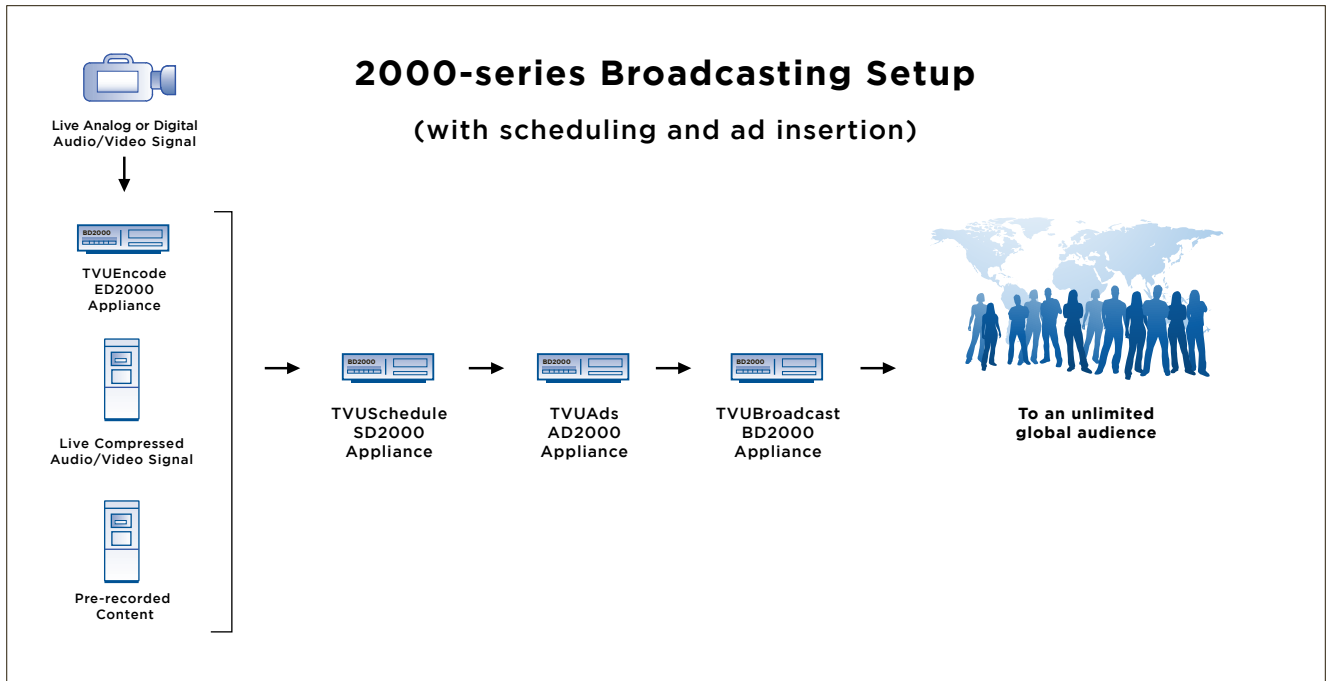
The TVUEncode ED2000 appliance takes a live analog or digital audio/video input and encodes it into an MPEG4 output stream that can be used with the other 2000-series appliances.

Product Description - SD2000

The TVUSchedule SD2000 appliance enables programmers to create a new channel that draws content from various sources, including live streams and media files. It supports all MPEG4 profiles.

Switching between various sources is accurate and seamless. Scheduling can be done ahead of time at the programmer's convenience.

The SD2000 appliance offers the choice of using either a pre-compressed signal (from the ED2000 or another source) or pre-recorded content. The SD2000 puts out an MPEG4 streaming output.



Product Description - AD2000

The TVUAds AD2000 appliance enables broadcasters to seamlessly insert commercials into a live audio/video stream. It can also insert advertising cue tones, which coupled with TVU networks' back-end advertising services and the company's TVUPlayer application, allows for in-stream TV commercials that are personalized to viewer demographics and geographies.

Switching between programming and ads is accurate and seamless. Setup is easy, and ad scheduling can be done with either TVU's ad scheduling application or a direct integration with the broadcaster's control room equipment.

The AD2000 appliance offers the choice of using either a pre-compressed signal (from the ED2000 or another source) or pre-recorded content. The AD2000 puts out an MPEG4 streaming output.

2000 Series Features

- Digital and analog audio/video inputs (ED2000)
- One MPEG4 stream input (via Ethernet)
- One MPEG4 stream output
- 100% MPEG4 compliant
- Supports VC1 and H.264
- Supports NTSC/PAL/SECAM
- Supports video quality up to HD
- Content encoding (ED2000)
- Content scheduling (SD2000)
- Seamless in-stream ad insertion (AD2000)
- Broadcasting over the TVU networks system (BD2000)

Physical

Dimensions 1.75" H x 19" W x 24" D
Weight 22lbs.

Power

Input Voltage Range 100 - 240 VAC
Line Frequency 50 - 60 Hz
Typical Consumption 250W

Environmental

Cooling Dual fans; air flow front to side

IO Interface

Type 100M/1G Ethernet
Connector RJ45



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