

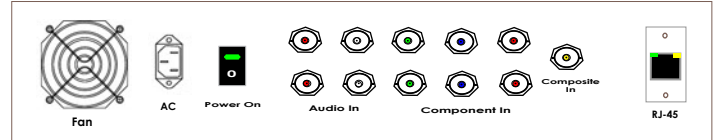
1080i H.264 Encoder

SB1-e 1RU HD

HIGH DEFINITION STREAMING VIDEO ENCODER

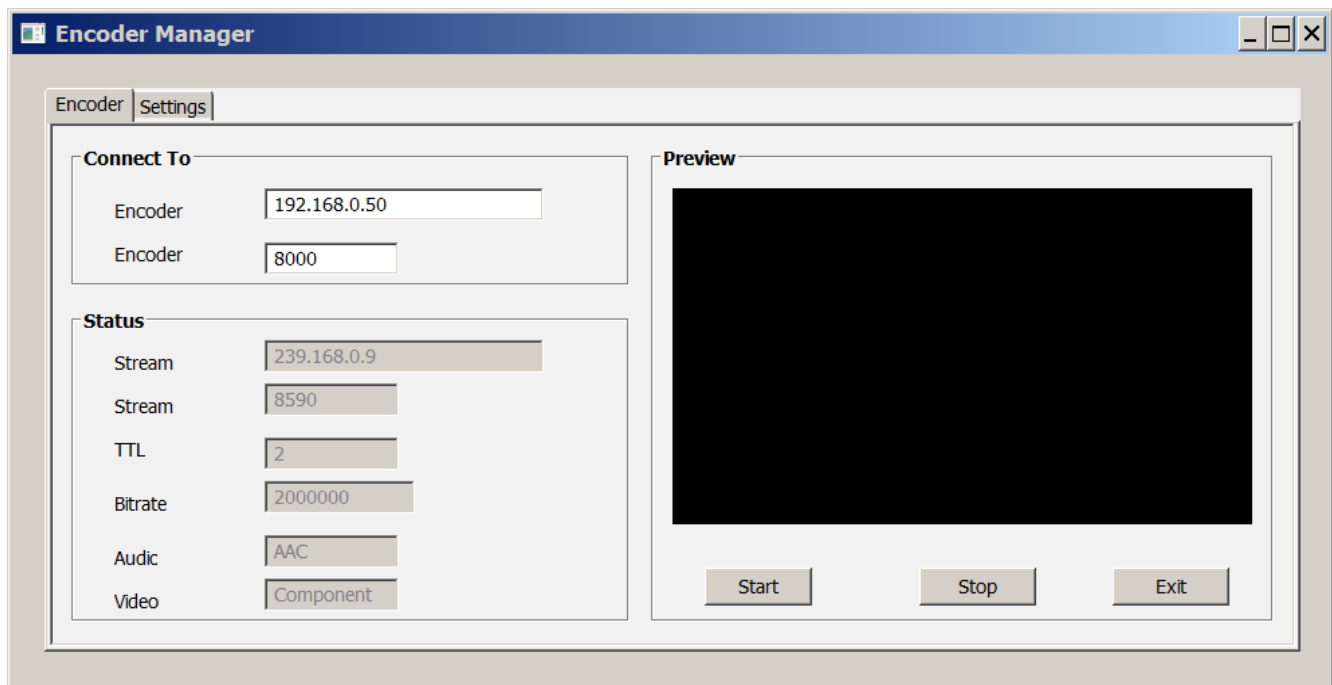


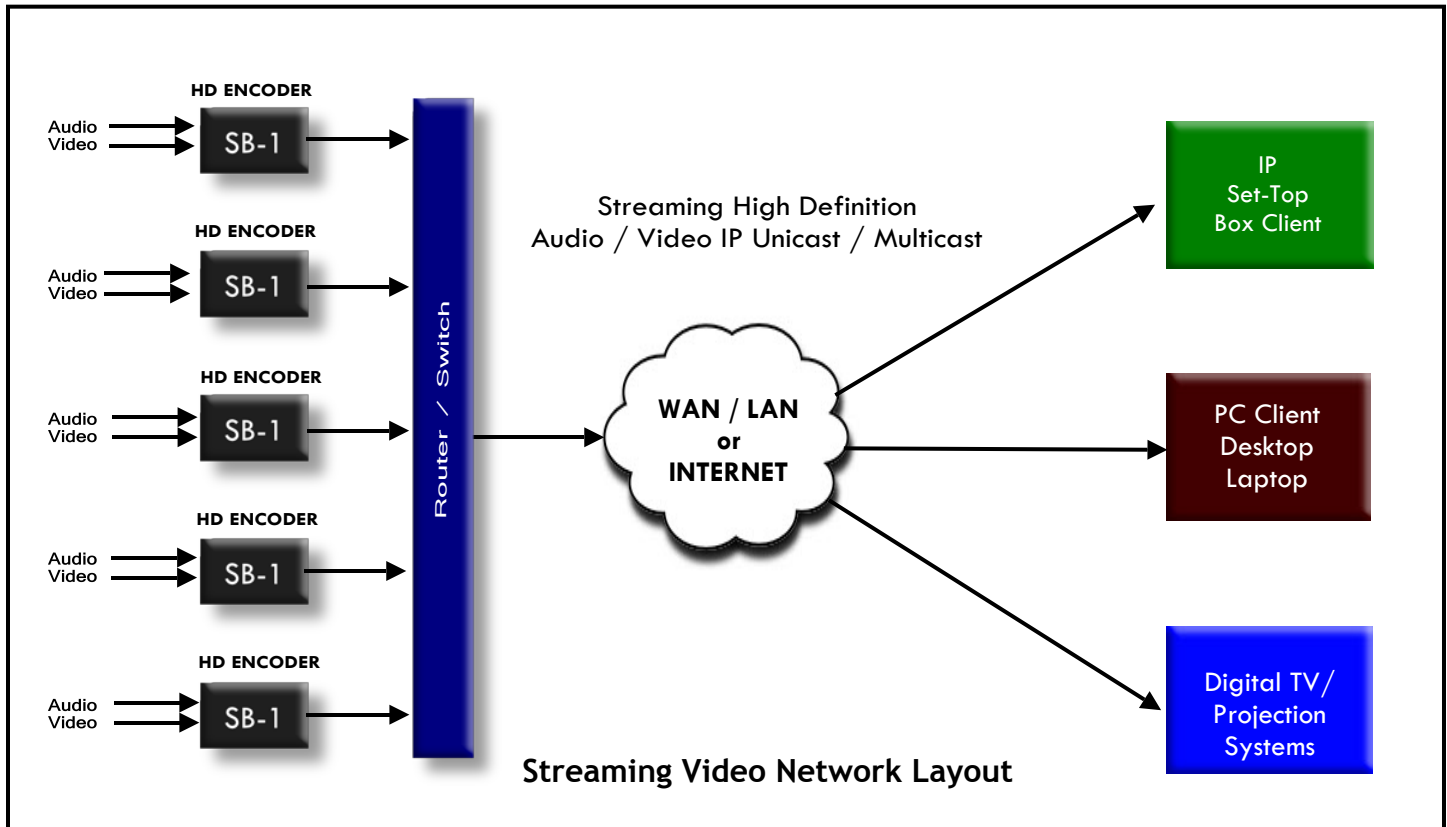
Rear Panel Layout



Single Channel Streaming Video Encoder - SB1-1RU

The **SB1** encoder is a direct input high definition H.264 video streaming appliance with the ability to accept 480i/p, 720p, and 1080i and 2 channel audio. The user can set bitrate, audio format and destination IP Address. The SB1 automatically detects the input resolution and sets the encoder output accordingly. Configuration and management of SB1 is achieved through any common web browser or a PC Client. **SB1** combines high-performance with unparalleled simplicity in a compact embedded video streaming appliance specifically designed for commercial, institutional and industrial applications.





Simplicity in Deployment, Operation, Management, and Maintenance , Simply connect Video, Audio, Ethernet, and Power connections. Once installed, the SB1 instantly becomes accessible by one or hundreds of users. SB1 streams can be received at any number of endpoints that can receive transport streams over UDP such as VLC , IPTV ready Set-Top Boxes , LCD Displays and Media Players.

Specifications

Video

- Input: 480i/p/30, 720p/30 1080i 60/50
- Connector: Component (RGB) & Composite
- HD Monitor Output: Component (RGB)
- Input / Output Connectors: BNC / RCA

Audio

- Channels: Stereo (L - R)
- Input / Output Connectors: BNC / RCA

Codec

- Compression Algorithm: Main Profile H.264 AVC
- Compression Rate: 30/ 60FPS
- Resolution: (1920 x 1080), (1280 x 720) , (720 x 480)
- Video Compression Rate: 1 to 12 Mbps
- Audio Compression: AC3, AAC
- Output Format: .ts (Transport Stream)

* SOME SPECIFICATIONS SUBJECT TO CHANGE

Network

- Ethernet Protocols: UDP
- Simple built-in web server
- Point to Point Unicast and Multicast

Physical

- Dimensions: 16.8"W x 114.0" D x 1.7" H
- Weight: Approx. 1.5 lbs.
- Nominal Power Consumption: 10W
- Power Input: 120VAC

Environmental

- Temperature: 0 to +50 C
- Humidity: 95% non condensing

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AVCHD