

## Webcast in a Box Specifications Document

### Design Features:

- Designed for webcasting managers who want to minimize the complexity of streaming media production
- Compact and portable
- Can be situated on a desk or rack mounted for convenience
- Accepts standard line-in for audio input
- Optionally can use higher end audio inputs like AES, XLR, or BNC
- Easy operation with use of only a USB SmartKey
- Ultra quiet fan minimizes noise
- Linux OS negates Windows virus concerns

### Application Features:

- Full administration via web browser
- Partial operation using USB SmartKey
- Multiple video input sources
- Includes webcast editing functionality
- Archives 1000 hours of video content at standard bitrates
- View full list of webcasts and archives via program guide
- Externally created RM files can be hosted on the appliance
- Ability to schedule automatic and unattended creation of webcasts
- Full appliance logs available through administrator interface
- Create profiles with different background images, codec and bitrate settings, layout settings and video dimensions via browser based SMIL editor
- Units operate in standalone mode or can push files as a "satellite" into a "mothership" server
- Ability to push files to remote hosting facilities via FTP, Windows file shares (SMB), and SCP

### Technical Details:

- 200 GB hard drive
- 1 GB ram
- 3.06 GHz CPU

### Bandwidth:

- Up to 1 GB output

### Network Standards:

- 10 Mbit, 100 Mbit, 1 Gbit
- DHCP or static IP address

### Audio Standards:

- Line-out or mic-level standard to 1/4 inch input
- Other inputs optionally supported

### Supported Formats:

- RealMedia: RealVideo, RealAudio: G2, RV8, RV9 codecs at bitrates up to 500 Kbps

### Supported Bitrates:

- 8 kbps (audio-only), 24 kbps (audio-only), 37 kbps (video), 56 kbps, 112 kbps, 200 kbps, 256 kbps, 512 kbps, other bitrates can be added via web interface

### Software:

- Linux OS with 2.4 kernel
- RealNetworks Helix DNA Server with unlimited client license live and on-demand
- RealNetworks Producer Plus version 9
- HTML::Mason/mod\_perl/Apache webserver
- MySQL 3.23

### Security Features:

- Web browser administration via SSL encryption at 128 bits with password protection
- Producer and administrator users for segmentation of access levels

### Unit Dimensions:

- 8" x 8" x 12" (desktop unit), rack mount unit available

### Unit Delivered With:

- Power cable

