



MEDIAEDGE3

SET-TOP BOX

Live, Scheduled, & On-Demand Enterprise Video Distribution



Our MEDIAEDGE[®]3 is a multi-channel, multi-location delivery system of high- or standard-definition (HD or SD) video and digital signage using standard TCP/IP networks and HD/SD display devices. Comprised of server, encoder, client software, and SMIL-compliant set-top box (STB) components, this flexible and modular system is ideal for point-of-sale, corporate, and other video-retrieval and digital-signage applications.

Three Streaming Modes

The MEDIAEDGE3 system lets you deliver video and signage content in three ways: on-demand, scheduled playback, and live broadcast.

In a video-on-demand (VOD) application, users select video clips stored on the MEDIAEDGE3 server for viewing, either from a dynamically updated menu, or through direct channel number selection via a remote control. A user can pause, stop, and resume viewing content at any time. Content chapter points can be created for faster navigation, and clients can fast forward or rewind video clips during playback.

Scheduled playback allows an unlimited number of users to view a pre-programmed arrangement of multiple video clips. The MEDIAEDGE3 server can have multiple scheduled channels running simultaneously, with set program times scheduled to run hourly, daily, or monthly. MEDIAEDGE3 STB users can surf channels by simply using the remote control. MEDIAEDGE3 software users can do the same within a Web browser.

For live broadcasting, the MEDIAEDGE3 system can utilize the real-time capabilities of its encoding devices to transmit live external SD video sources such as cameras, VCRs, and DVD players as professional-quality MPEG-1 and MPEG-2, streams to multiple clients with minimal delay.

Using this feature, the system can retransmit television and satellite feeds. Such content, once MPEG encoded, may also be recorded for later viewing or scheduling. The MEDIAEDGE3 system also supports live streaming of HD video from HDV cameras and decks when connected to the MEDIAEDGE3 server via a FireWire (IEEE 1394) connection. As with external SD video, HDV footage can be streamed live or recorded for later use.

KEY FEATURES

Set-Top Box

- Easy-to-use network appliance
- Compact and lightweight
- No moving parts
- SD and HD output with up/down scaling
- SMIL-compliant
- Compatible with MEDIAEDGE3 DS Display Content Manager (DCM) software
- MPEG-1 and MPEG-2 decoding and playback
- Supports DVI-D, component, S-Video, and composite outputs*
- Supports SPDIF and analog stereo audio outputs
- Supports remote control to select content or change channels
- RS-232 port can communicate with serial devices such as touch screens

MEDIAEDGE3 System

- HD and SD video distribution over TCP/IP networks
- Live, scheduled, and on-demand distribution
- Supports multiple simultaneous video streams and multiple clients
- Centralized content distribution
- Server-driven menu system enables easy access to content

* HD output on DVI-D and component outputs only



Package Contents

- 1 x MEDIAEDGE-STB3 set-top box
- Set-top box stand
- MEDIAEDGE-STB3 user manual
- AC adapter
- IR remote control
- 2 x AA 1.5V batteries

MEDIAEDGE3 Set-Top Box

Designed as a compact, SMIL-compliant network device, the MEDIAEDGE3 STB provides multiple layers of video and multimedia display ideal for digital signage and/or video distribution.

Supported media types include MPEG-2, MPEG-2 HD (HDV), JPEG, BMP, PNG, GIF, MP3, HTML, and plain text. Live data from RSS feeds is also supported.

The MEDIAEDGE3 STB includes built-in MEDIAEDGE3 menu browsing capabilities. It connects to a standard Ethernet network and provides DVI-D, component, S-Video, and composite RCA outputs.

The STB also has a full-featured remote control for navigating dynamically updated content menus generated by a MEDIAEDGE3 server. The remote control also provides volume, pause, search-back, and search-forward functions. A server can also control the STBs remotely.

SPECIFICATIONS

Video Output (Analog, SD)

- 480/59.94i (NTSC)
- 576/50i (PAL)
- Composite (RCA)
- S-Video
- Component Y, Pb, Pr (3 x BNC)

Video Output (Analog, HD)

- 1080/59.94i
- 720/59.94p
- 720/50p
- Component Y, Pb, Pr (3 x BNC)

Video Output (Digital)

- 1080/59.94i
- 1080/50i
- 720/59.94p
- 720/50p
- DVI-D

Audio Output (Analog)

Unbalanced stereo (2 x RCA)

Audio Output (Digital)

SPDIF (RCA)

Network Connection

1000Base-T full duplex (RJ-45)

Remote Control

- IR Remote control
- IR Mini-jack

Serial Port

RS-232C (D-Sub 9-pin)

Dimensions

- Width: 288.0 mm (11.34 in.)
- Depth: 215 mm (8.46 in.)
- Height: 44 mm (1.73 in.)

Weight

Approx. 1.5 kg (3.31 lbs.)

Service and Support

1-year limited warranty

HEADQUARTERS

Thomson Worldwide Headquarters
 46 Quai A. Le Gallo
 92648 Boulogne Cedex
 FRANCE

DEALERS/RESELLERS

To find your local reseller or dealer for Thomson Grass Valley professional audio video products, please visit professional.grassvalley.com/sales/.

SERVICE & SUPPORT

Twelve-month limited warranty with service provided through local resellers. Additional support available on a contractual basis.