

EDGESPAN® LITE

INTRODUCTION

KenCast has created a compact, yet versatile, platform for enterprise content delivery with support for local video streaming and decoding. The EdgeSpan Lite is ideal for corporate communications and distance learning applications. It has a small, table-top form factor that can be unobtrusively placed in employee break rooms and class rooms. It can also be rack-mounted.

The EdgeSpan Lite is an integrated receiver-decoder (IRD) with on-board storage that can be used across any satellite or terrestrial network. It decodes AVC and MPEG-2 content at HD resolution up to 60 frames per second for live and VOD viewing on HDMI connected TV. It also includes a user friendly interface for browsing and playback of content on desktops and mobile devices.

The EdgeSpan Lite supports multiple modes of management, including local web administration, centralized live event management, and LCD control panel with an OSD for content selection. KenCast's proprietary Fazzt FEC® (Forward Error Correction) is used to efficiently repair data lost or corrupted in transmission. It also supports advanced industry standards for decryption.

BENEFITS

- ✔ Multi-function unit with selected features of the Fazzt Professional Client bundled with the Professional 2K Decoder.
- ✔ Small form factor takes up little space and can be placed on a countertop or bookshelf.
- ✔ Can receive and store files sent from a Fazzt Enterprise Server (FES). Also able to play content streamed from a FES.
- ✔ Supports Fazzt FEC® error correction, for flawless delivery of files and streams.
- ✔ Includes a satellite receiver module for direct connection to a receiving dish.
- ✔ Can be controlled via a Web interface or directly through the LCD front panel.



HIGHLIGHTS



Video and Audio Decoding

AVC/h.264 decoding up to level 4.3 - 2048 x 1080p at 60 fps. Supports all major audio standards including AAC (LC/HE), Dolby AC3, DTS-HD and MPEG-2. Supports 7.1 audio via AES-3id.



Automated Operation

Live events are scheduled using a central management interface. The EdgeSpan Lite can be remotely "force-tuned" to a live event and provides playback confirmation.



Reliable File/Stream Reception

Uses Fazzt FEC to efficiently repair data lost in transmission and supports advanced industry standards for decryption including AES-256.



In-Place Software Upgrades

Updates are centrally deployed by a single transmission from the central server to a select group of EdgeSpan Lite appliances.



Front Panel Controls

LCD provides onscreen display functionality. Users can browse to select live feeds, file playback, manage network configurations, and many other functions.



Receive-side Validation

In concert with Fazzt FEC, file validation is performed automatically upon receipt.



EdgeSpan Lite rear panel

SPECIFICATIONS

Chassis	Form factor: 1U (1/2 width) rack-mountable Dimensions: 8.56" W x 1.75" H x 9" D Weight: 1.3 kg / 2.9 lbs.	Decoding	Video: AVC, MPEG-2 (up to 2K @ 60 fps) Audio: Passed through compressed AC-3 and DTS-HD Decodes MPEG-2 and AAC (LC/HE)
Management	Customized interface for mobile devices Option for live and VOD viewing on HDMI-connected TV LCD supports OSD functionality	Output	Video: HDMI Audio: AES-3id, TOSLINK, HDMI
Storage	Internal HDD or SSD for content Solid State Drive for OS and EdgeSpan Lite software	Satellite	Dual tuner DVB S/S2 satellite card DVB-S QPSK: 1 - 45MSDVB-S2 QPSK/8PSK: 1 - 45MS