

# KenCast EdgeSpan<sup>®</sup> Appliance

Transforming Content Delivery Into Media Solutions

## KenCast Difference

KenCast, Inc. revolutionizes the digital world by transforming content delivery into comprehensive media solutions. Backed by almost two decades of experience and supported by an exceptional staff of talented engineers, KenCast's mission is to provide turn-key solutions for your digital media needs.

Whether you are in Retail, the Entertainment & Media industries, Public Safety, Military or Homeland Security sectors, or even want to become a Live Online Producer streaming video to viewers around the globe, we have a secure and reliable solution for you.

### BENEFITS

- Turnkey Operation: Pre-configured for your network on arrival
- Reliable Hardware: RAID support, OS on SSD, long lifecycle
- Managed SW & HW: Updates to OS & SW, centralized control
- Satellite receiver: Built in satellite receiver(s)
- Fast FEC decoding: Faster processing with optimized software



EdgeSpan 1 RU front and back

## EdgeSpan Overview

The EdgeSpan Appliance is targeted for the Enterprise market using reliable hardware with a long lifecycle to give many years of worry-free operation. As with all solutions from KenCast, *reliability* and *security* are key elements. The EdgeSpan Appliance offers RAID with hot swappable hard drives and runs the operating system (Linux) on a solid state drive resulting in increased uptime. Regular updates to both KenCast software as well as the operating system can be securely delivered from the central server, thereby easily ensuring that all deployed EdgeSpans are up to date with new features, new configurations, and operating system upgrades.

The EdgeSpan Appliance has optimized Fazzt<sup>®</sup> FEC decoding resulting in up to 9 times faster decoding times making large files (e.g. Digital Cinema Packages) available to end users quickly. It also offers standardized advanced encryption for both file and stream delivery.

## Hardware Features

- Long life cycle
- Linux OS running on a SSD
- Dual power supply available
- Optimized Fazzt FEC decoding
- Hot swappable RAID hard drives
- Optional DVB S/S2 satellite card(s)

## Network Hub

- FTP server
- Local NTP server
- Local DHCP server
- Can FTP forward incoming files
- Firewall controlled through web GUI
- EPG for third party content distribution

## Management

- SNMP reporting
- Front panel LCD module
- Secure web based GUI for local control
- Send updates/command from central server
- Monitoring of satellite, HDD, software and more
- EPG with content database and user management





Content Delivery

Mobile Video

Digital Signage

Digital Cinema

# Products – EdgeSpan<sup>®</sup> Appliance

					
	<b>Client</b>	<b>Server</b>	<b>Digital Signage</b>	<b>Cinema Pro</b>	
	Universal File and Stream catcher with built-in satellite receiver	Intelligent Bridge designed to cache and rebroadcast for last mile networks	Cost effective Signage System for Interactive and non-interactive audiences	Receive digital cinema packages (DCPs) and live streams at high bitrate	
<b>Applications</b>	Video On Demand, Corporate Networks, third party integration	Wireless network, satellite, VOD terrestrial forwarding	Digital signage, Interactive Distance Learning (IDL), Hotel in-room network	Digital cinema, high speed networks, high availability	<b>Applications</b>
<b>Benefits</b>	File and stream reconstruction. Simple user interface	Minimize bandwidth expense, Increased QoS	Cost per screen decreases. Signage and IDL in one box	Decreased end-to-end delivery time. Receive files in excess of 200 Mbps	<b>Benefits</b>
<b>Features</b>	Turnkey with regular updates to OS and software. Network hub.	FEC decoding/re-encoding on the fly. Localized forwarding	Compatible with third party set top boxes. IDL and Signage in one box	Supports multiple transponders, built-in encryption, reliable hardware	<b>Features</b>

**Content Delivery**

**Mobile Video**

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