



Compact 1 RU Profile for
Video Management

BROADCAST SERVER



The Streambox Platform

Target Markets and Applications

Backhaul video transport • Digital newsgathering • Satellite video transport • Newsgathering Trucks • Point-to-point and point-to-multipoint video distribution • Law enforcement • Surveillance and security • Centralcast television • Online and distance learning • Multi-site video worship

The Streambox Broadcast Server is part of our integrated video management solutions for enterprise streaming. It extends the streaming capabilities of ACT-L3 video transport solutions while enhancing the work flow between Streambox Encoders, Decoders, Media Players, and Distribution Servers. The Broadcast Server is designed to meet the performance, reliability, and quality requirements of a variety of customers such as enterprises, government agencies, and broadcasters who need to manage and support video feeds for large scale unicast or multicast video transport applications over IP-based networks.

The Streambox Broadcast Server facilitates video feeds between Streambox Clients and Playout systems:

- From any Streambox Encoder or Distribution Server
- To any Streambox Decoder
- To Streambox Media Players

The Streambox Broadcast Server is ideal for a number of applications including event broadcasting and streaming to desktop and laptop clients. It enables customers to reliably stream video over private or public IP unicast and multicast networks for real-time viewing by networked users.



SOLUTION FEATURES

- Point-to-multipoint video distribution
- Up to 50 simultaneous unicast outbound video feeds
- Unlimited video delivery over multicast networks
- Up to 140 Mbps of combined outbound bandwidth
- Unicast to multicast translation
- Video streaming over a variety of IP networks
- SD or HD video feeds

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TECHNICAL SPECIFICATIONS

Network:	Dual Ethernet 10/100/1000 Mbps IEEE 802.3, 802.3u, 802.3ab RJ-45 dual port
Network Protocol:	Stream input: Unicast UDP Port: 1770 to 1799 (default 1770) Stream output: Unicast UDP Port 1770-1799 (default 1770) Remote Desktop: TCP
Protocol:	One encoder is pushed to the Broadcast Server and multiple decoders pull from the Broadcast Server
Remote Control:	Windows® Remote Desktop
Setup & Control:	Windows® Remote Desktop, VGA output, USB ports
Max. Encoder Input:	1
Max. Decoder Request:	50
Max. Total Bandwidth:	SD: 75 Mbps HD: 140Mbps
Power Requirement:	100-240 V AC 50/60Hz
Power Consumption:	130W maximum
Dimensions:	1 RU 1.77"H x 18.9"W x 20.67"D 4.5cm H x 48cm W x 52.5cm D
Weight:	20 lbs, 9 kg



Streambox, Inc.
1848 Westlake Ave N
Seattle, WA 98109
206-956-0544
www.streambox.com