

Mobile Live and File-based HD/SD Video Solution for Broadcast



The Streambox Avenir Mini 2 is a new and improved HD/SD mobile broadcasting and streaming video encoder with integrated modems, which bond multiple IP networks at once including: 3G/4G, Wi-Fi, SNG, BGAN, Internet and Ethernet.



Deployment

The Avenir Mini 2 is a small form factor device that is camera, side, or backpack mountable. Deploy it as a point to point solution, streaming from the field to your Streambox decoder, or add an Enterprise Server for a larger deployment of Mini's and decoders.



Infrastructure

The Avenir Mini 2 works seamlessly with other Streambox products including Streambox solutions for video management and playout, such as the Streambox Enterprise Server and the globally deployed Streambox Live Service for scalable local, national, and global usage.



First/Last Mile

The Avenir Mini 2, with integrated embedded modems, bonds all available networks and employs Streambox exclusive LDMP technology to deliver reliable video over multiple networks. Stream from the Avenir Mini 2 to your Streambox Enterprise Server or use the Streambox Live Service to receive and route the video for playout.

Avenir Mini 2 Features

- Includes up to 4 embedded 3G/4G/ LTE Modems
- Boot up time less than 2 minutes
- Ability to store Streambox LDMP user presets optimized for specific geographic locations and network conditions
- One-step plug-in to Signal Extender
- Remote management allows administrators to configure and manage Avenir Mini 2's presets remotely, enabling a non-technical crew to operate in the field

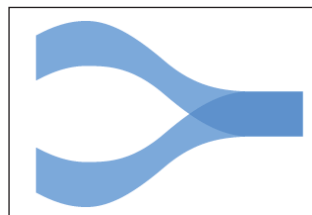
Advanced Streaming Codec



higher motion, complex video at lower data rates using the new advanced motion search feature.

All Streambox products are powered by our proprietary codec: Advanced Compression Technology – Level 3 (ACT-L3). Streambox ACT-L3 compression allows for faster encoding with lower latency and is optimized for video transmission over any low-bandwidth IP connection. Our proprietary codec is capable of compressing

Streambox LDMP Technology



multiple IP networks, thus allowing Streambox products to gracefully handle network bandwidth fluctuations and dropouts, which are often seen over public or shared network environments.

All Streambox products come equipped with Streambox exclusive Low Delay Multi-Path technology (LDMP). Streambox LDMP protocol allows for low latency adaptive bit-rate streaming over public and private networks. Streambox Encoders will automatically select the best possible bandwidth, latency, and resolution over

Avenir Mini 2 Pictures



Avenir Mini 2 Technical Specifications

Video Formats	HD: 1080/23.98PsF, 1080i/59.94, 1080i/50, 720p/59.94, 720p/50; SD: (NTSC): 525i/59.94, (PAL): 576i/50
Video Encoding	HD: 1920, 1440, 1280, 960x1080, 1280, 960, 800, 640x720, 1920x540; SD: 720, 528, 480, 352x480, 320x240, 720, 528, 480, 352x576, 320x288, 720x240, 720x288
Audio Formats	AAC, CELP, GSM 1/2/4/8 channels
Compression	Streambox ACT-L3 Advanced Profile
Network Interfaces	Up to 4x embedded 3G/4G/LTE modems and 1x external USB modems, 1x Gigabit Ethernet, 1x WiFi (802.11 a/b/g/n)
Antennas/RF	High gain antenna array for 3G/4G/LTE, Dual-WiFi Antenna
Video In	HD-SDI and HDMI-full size
Audio In	Embedded SDI Audio, HDMI audio
Video Post-Filtering	Interlaced/progressive post filtering, including de-blocking, de-mosquito, and anti-aliasing
Metadata	End-user selectable: Title, Reporter, Location, Group
IFB Audio Support	3.5mm stereo
Color Profile	4:2:0, 4:2:2
Forward Error Correction	Reed-solomon, Parity, Shuffle; adjustable from 0 to 50%
Store & Forward	Supports S&F Server, Live Server, Enterprise Server or Decoder SFR
User Interface	Touch screen 2.4" LCD or remote via Web, iPhone, iPad or Android
Storage	64 GB SSD
Operation	Automatic and Advanced; One Click Automation Modes: Low Delay, Talking Head and Reliable
Latency	User selectable, sub second, 2 seconds, up to 14 seconds
Network Protocol	LDMP 2.0, UDP, TCP
Dimensions	5.5"W x 7.9"D x 2.3"H (14cm W x 20cm D x 6cm H)
Weight	3.6lbs (1.6kg)
Battery Life	1-2 hrs (depending on battery type)
Power	AC 100-240V 50/60Hz, DC 11-17V, Max. 65W
Accessories	AC Adapter