

## Product Sheet

### LiveCast Lightning SDI...When "live-to-air" mobile reporting demands low latency video

LiveCast Lightning is a professional enhancement that extends LiveCast solutions by providing low latency (one second on average) live video transmission from mobile devices to broadcast control centers.

LiveCast Lightning enables remote field reporters using any IP connection to transmit high quality video and audio immediately, as events unfold.

When breaking news hits, high impact on-air interviews with mobile field reporters can be conducted in real-time. Expect as good or better low latency performance compared to traditional satellite delivery at a fraction of the cost and with minimal set-up time.

### Configuration


Lightning ships as a ready-to-deploy 1U rackmount device with SDI output and all required software pre-installed.

### Requirements

Lightning requires connection to an IP network and either ASP or secured server licensed LiveCast accounts.

### Key Features

- ▶ Up to 4 incoming live video streams can be monitored concurrently.
- ▶ Average one second latency from device to SDI payout.
- ▶ Instant switching of live video streams, regardless of the source bit rate, codec, or resolution.
- ▶ Accurate real-time display of all individual feed statistics: GPS status, audio levels, latency from device, frames per second, transmitting bit rate, length of transmission.
- ▶ Send switched feed to online account any time during operation for web publishing.
- ▶ Auto-archiving and auto-posting of video files to online accounts, blogging services, Twitter accounts and more.
- ▶ Over 500 devices supported (by far the most phones and types of devices in the industry).
- ▶ Highest quality video delivery from mobile devices.
- ▶ Support for Windows Media, QuickTime, Silverlight and Flash.
- ▶ Share feature allows live remote viewing from phones, PC, Mac, and Linux.



**Master Stream**  
This is the switched master stream. Select SDI or Web output view.

**Stream Selector**  
This is a list of incoming streams the switcher can select from.

**On Air Feed**  
The preview feed with green border is the stream sent to master. Switch feeds by clicking on preview video window.

**Settings**  
These settings are for the master video stream being sent to online properties.

**Real-Time Diagnostics**  
Dynamic display of connectivity, bit rate, frame rate, time to server, time to SDI out, GPS status, and AV status.

**Live Chat**  
This is a back channel message system. Messages sent from Dispatch go to all active previews. Talent can view and respond to messages. Typically used to cue and prompt talent.

**SDI Settings**  
Choose NTSC or PAL format.

**Auto-Settings**  
Automatic streaming to online properties at application launch.