

# AVerMedia

## Streaming Encoder Series

### AVerCaster SE510

Portable Live Streaming Solution for CVBS and HDMI Sources

AVerCaster SE510 is the most versatile video capturing and live streaming device yet. Thanks to its one-click to stream feature AVerCaster SE510 allows the sharing of live events with only the push of one button and immediately start streaming amazing video quality through wired or wireless Internet connection. It encodes and streams high-quality video through the Internet to any content delivery network (CDN) such as USTREAM and WOWZA as well as any private CDN.



AVerCaster SE510 supports RTMP Publish as well as HLS Pull-Mode (Preview mode). Support for applications and web administration on tablet, notebook and other mobile devices is provided allowing easy management and operation for broadcasters. AVerCaster SE510 with its lightweight, small footprint makes it highly portable and provides added flexibility for the installation at various venues allowing for task shifting and fast streaming deployment.

AVerCaster SE510 is highly compatible, highly scalable, easy to use, and the most cost effective solution to achieve optimal video broadcasting and streaming.

#### Features

- 1-click start/stop streaming
- WiFi Supported
- Mobile Management APP
- HDMI/CVBS pass through for real-time previewing
- All CDN Compatible

#### Package

- AVerCaster SE510
- 12V/1.5A Power Adapter
- RCA Cable
- Quick Guide
- Utility CD

#### Appearance



**One-Click to Stream**

##### CDN Log on

- User Name
- Password

##### Channel Configuration

- Channel Name
- Description
- Category
- Cover Photo

##### Streaming Setting

- Streaming URL
- Video Setting
- Audio Setting



1

HDMI In

2

HDMI Out

3

Composite In

4

L/R Audio In

5

Composite + Audio Out

6

LAN Port

7

Wireless Switch

8

Reset Button

9

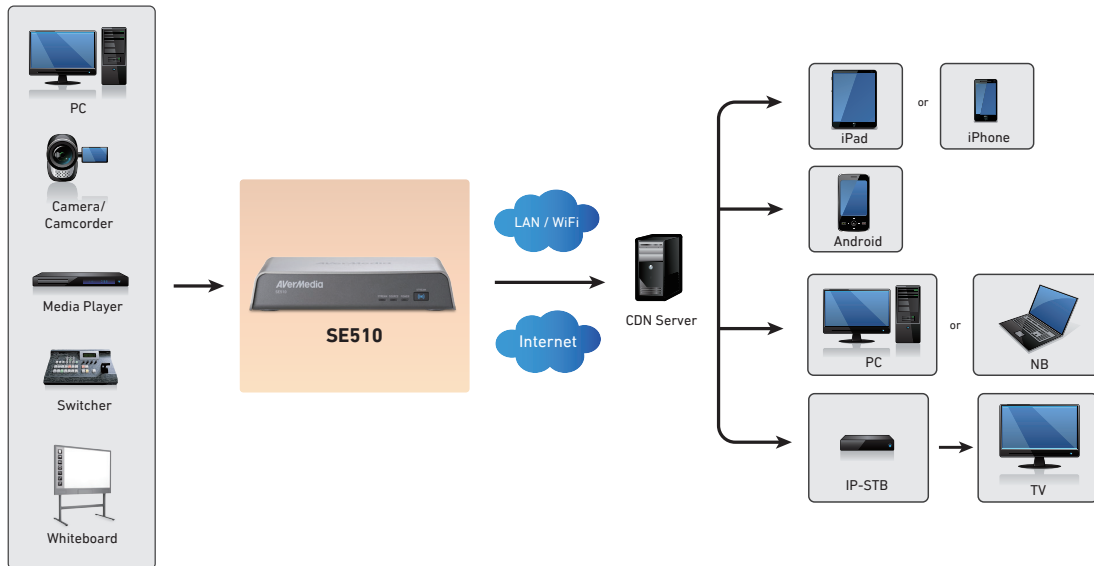
DC-In

SE510 supports one-click live steaming. No Key-in, configuration or additional settings required. Stream your choice of content and provide your clients an unhindered viewing option.

Inquiry: [video.solution@avermedia.com](mailto:video.solution@avermedia.com)  
Version: 1.0

## Portable Live Streaming Solution for CVBS and HDMI Sources

### Connection Diagram



### Specifications

Input Signal	HDMI x 1 Composite(CVBS) with RCA L/R audio
Input Video Format	Auto-detection 480i, 480p, 576i, 576p, 720p 24/25/50/60, 1080i 50/60, 1080p 24/25/30
Encoded Video Format	H.264 High/Main/Baseline profile Resolution up to 1920x1080 Bit rate 500Kbps~8Mbps
Encoded Audio Format	AAC-LC mono/stereo Bit rate 64~512Kbps
Streaming Protocols	RTMP publish HLS pull-mode (for preview)
Administration	Web UI supporting IE, Firefox, Safari, Chrome browser Finder APP supporting iPad, Android Pad, Windows, Mac OS HTTP+JSON API for integration and remote control
Supported Clients & Software	VLC Media Player for Windows, Linux, or Mac AVerMedia CMS & AVerReceiver Wowza Adobe Media Server
WiFi	802.11 a/b/g/n, 2.4G/5G Access point and client mode simultaneously
Power	12V/1.5A: 18W Maximum
Operating Environment	Temperature: 0°C to +50°C (32°F to 122°F) Humidity: 0 to 80% RHNC
Storage Environment	Temperature: -30°C to +65°C (-22°F to 149°F) Humidity: 0 to 90% RHNC
Dimensions (L x W x H)	218 x 132 x 43 mm (8.58 x 5.19 x 1.69 in.)
Weight	380g (13.4 oz.)

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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