AVerCaster Lite SE510

Portable Video-on-Demand/Digital Signage Solution for HDMI Sources

Highlights

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

AVerCaster Lite SE510 is the most versatile video capturing and live streaming device, it allows the sharing of live events with only the push of one button and immediately starts 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 Lite 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. It is highly compatible, highly scalable, easy to use, and the most cost effective solution to achieve optimal video broadcasting and streaming.

Simplified Practical Operation
The AVerCaster Lite SE510 delivers a simple, one click streaming function making it easy for flawless operation. No key-in, configuration or additional settings required. One-click live streaming gives the option to provide viewers unhindered streaming choices.

Flexible Internet Connectivity
Live streaming is impractical when clients are stranded from accessing a wired Internet connection. Both wireless and wired access is supported on the AVerCseter Lite SE510 Light enabling effective operations for use anywhere. It can be connected to any access point with its Ethernet port or to a wireless network through 2.4 GHz / 5 GHz WiFi.

Mobile Operations
AVerMedia's NexStream application lets users detect and manage AVerCseter Lite SE510 devices on the network. With added support for Windows, iOS, and Android based devices and computers, AVerMedia's NexStream APP gives broadcasters access to the AVerCseter Lite SE510 settings and enables administration directly through mobile devices.

Versatile Capturing and Live Streaming Solution
By incorporating technology that keeps broadcasters connected to the Internet and provides simplified streaming and capturing functions, the AVerCaster Lite SE510 becomes the versatile solution for Live Streaming and digital solutions providers. By adding the ability for mobile operations and management, AVerCaster SE510 gives you the freedom to go live anywhere.

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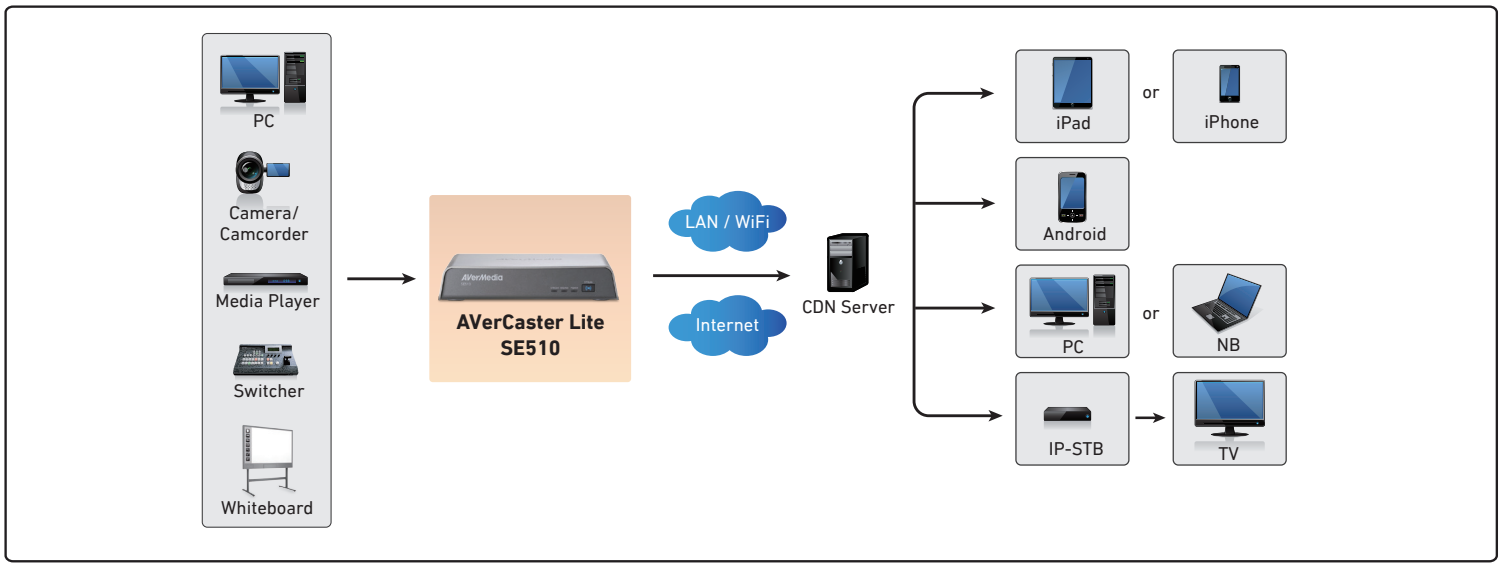
Connection Diagram



Platform Specifications

Input Signal	HDMI x 1 Composite(CVBS) with RCA L/R audio
Input Video Format	Auto-detected CVBS: 480i, 576i HDMI: 480p, 576p, 720p24/25/50/60, 1080i50/60, 1080p24/25/30
Input Audio Format	Analog from RCA HDMI embedded: 16/20/24 bit LPCM 32/44.1/48K sample rate
Encoded Video Format	H.264 High/Main/Baseline profile Resolution 320 x 240 to 1920 x 1080 Bit rate 500Kbps~8Mbps
Encoded Audio Format	AAC-LC mono/stereo Bit rate 64~512Kbps
Streaming Protocols	RTMP publish HLS push & pull mode UDP Multicast RTPS over UDP
Streaming Processing	Stream Stabilizer: reduce frame rate to adjust to network congestion Playback Delay: increase delay to RTMP streaming Temporary frame: freeze video if input signal is lost Encode and streaming AAC audio only (without video)
Ethernet	RJ45 port supporting 10/100Mbps links IPv4 Static/DHCP/Auto IP assignment
WiFi	802.11 a/b/g/n, 2.4G/5G Access point and client mode simultaneously
Administration	1. Web UI supporting IE, Firefox, Safari, Chrome browser 2. Finder APP supporting iPad, Android Pad, Windows, Mac OS 3. HTTP+JSON API for integration and remote control 4. Scheduled restart: restart (warm-boot) the product at a preset schedule 5. Support SAP. Channel name and group name can be changed
Supported Clients & Software	VLC Media Player for Windows, Linux, or Mac AVerMedia CMS & AVerReceiver Wowza Adobe Media Server
Power	12V/1.5A: 18W Maximum
Operating Environment	Temperature: 0 ~ 50°C/32~122°F Humidity: 0 - 80% RHNC
Storage Environment	Temperature: -30 ~ 65°C/-22 ~ 149°F Humidity: 0 - 90% RHNC
Weight	380g / 0.84 lbs.
Dimensions (L x W x H)	218 x 132 x 43 mm / 8.9" x 5.2" x 1.69"

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Appearance

One-Click to Stream

CDN Log In

- User Name
- Password

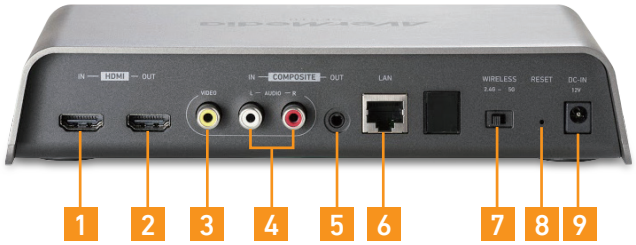
Channel Configuration

- Channel Name
- Description
- Category
- Cover Photo

Streaming Setting

- Streaming URL
- Video Setting
- Audio Setting

*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.



1	HDMI In	6	LAN Port
2	HDMI Out	7	Wireless Switch
3	Composite In	8	Reset Button
4	L/R Audio In	9	DC-in
5	Composite + Audio Out		

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