

AVerCaster SE5810

1-CH HDMI/3G-SDI HEVC 1080p60 Compact Encoder

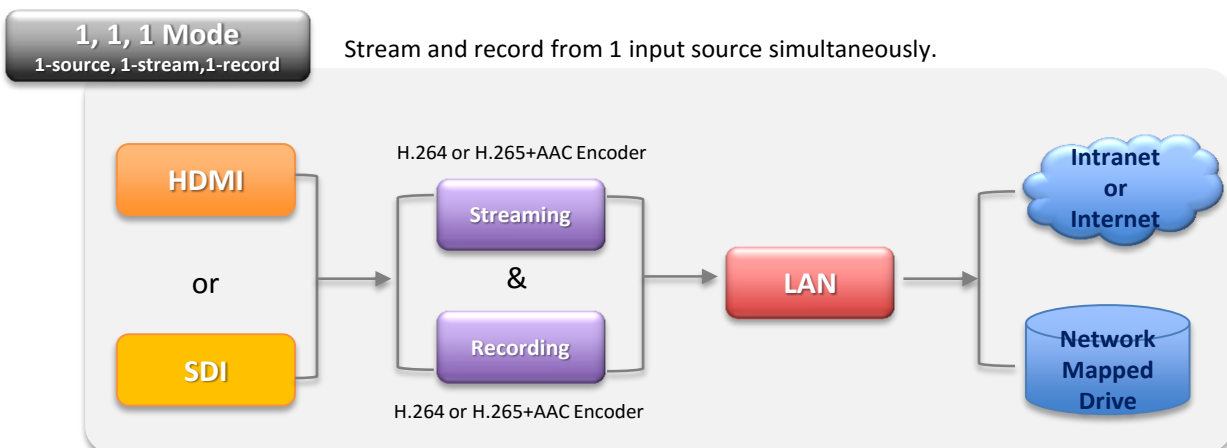
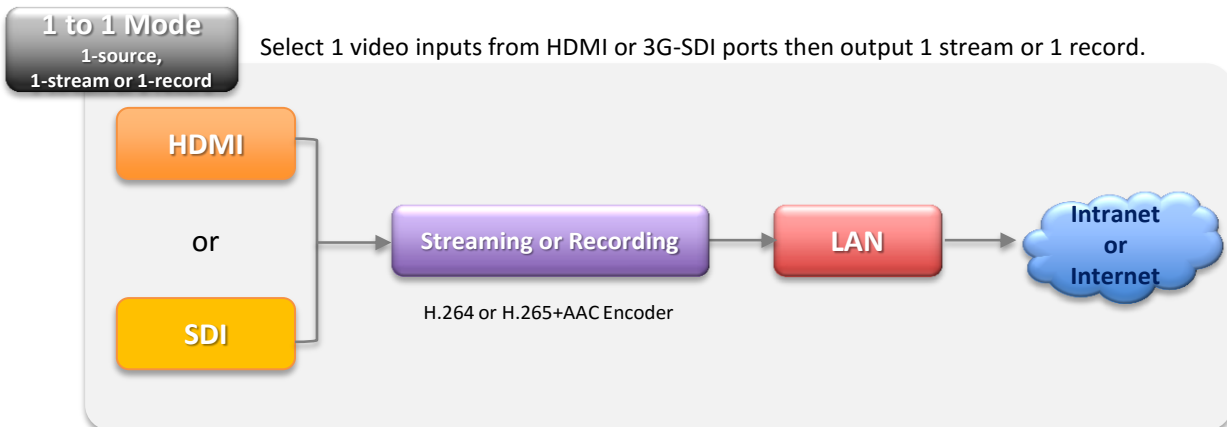


AVerCaster SE5810 is a single-channel video encoder allowing the independent Full HD video streams to be broadcasted or recorded at the same time. SE5810 takes HDMI or 3G-SDI video sources up to 1920 x 1080 Full HD resolution (maximum of 1920 x 1200, RB) and encodes a video stream of the same or various bitrates for broadcasting or recording. With powerful single H.265 high-profile codecs, SE5810 records live Full HD video at high quality for VoD playback, and simultaneously broadcasts it via popular streaming service providers such as Facebook Live to an unlimited number of viewers.

Features

- Support remote NAS storage or local storage to an external USB device/SD Card.
- Simultaneous streaming and recording up to 1080p60.
- Provide an audio out for monitoring purpose.
- Support preview function.
- Encode HEVC directly.
- Support PoE (Power over Ethernet).
- Provide physical buttons (stream, record and switch source) for intuitive operation.

Streaming and Recording Modes



AVerCaster SE5810

1-CH HDMI/3G-SDI HEVC 1080p60 Compact Encoder

Front and Rear View



Specifications

Video Interface	HDMI 1.4b x 1 3G-SDI x 1 Audio embedded	Physical Buttons	Stream Record Switch Source
Audio Interface	3.5mm Line-in x 1 3.5mm Line-out x 1	Connectivity	Ethernet x 1 RS-485
Channels	1	Storage	NAS USB 3.0 for local storage SD card slot for local storage
Streaming or Recording Resolution	640 x 480 to 1920 x 1080, 1920 x 1200 (RB, reduced blanking)	Power	Locking power supply 12V/5A; PoE (Power over Ethernet)
Video Encoder	H.265, H.264	Accessory	Power adapter x 1 Power cord x 1 Quick guide x 1
Audio Encoder	AAC	Integration	API for integration and remote control via Web UI
Recording File Format	MP4, MOV, TS	Operating Environment	0° to +50° (+32° F to +122° F) Humidity: 0-80% RHNC
Protocol	TCP, UDP, RTMP, RTP, RTSP, RTMPS	Storage Environment	-40° to +70° (-40° F to +158° F) Humidity: 0-90% RHNC
Support Browser	Chrome	Dimensions (L x W x H)	213.5mm x 179.2mm x 41mm (8.41" x 7.56" x 1.61")
Support CDN	YouTube, Facebook Live	Weight	1131g (2.49lbs)
Preview Output	HDMI 1.4b		
Streaming and Recording	1 to 1 Mode: 1 stream audio/video input, encode setting and same streaming protocol/recording. 1, 1, 1 Mode: Simultaneous streaming and recording from the same video/audio source. Recording to network mapped drive from NAS and Windows shared folders.		

*All specifications are subject to change without prior notice.

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.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660