

# AVerCaster SE5820

F239 SERIES

## Dual HDMI/3G-SDI HEVC 1080p60 Compact Encoder

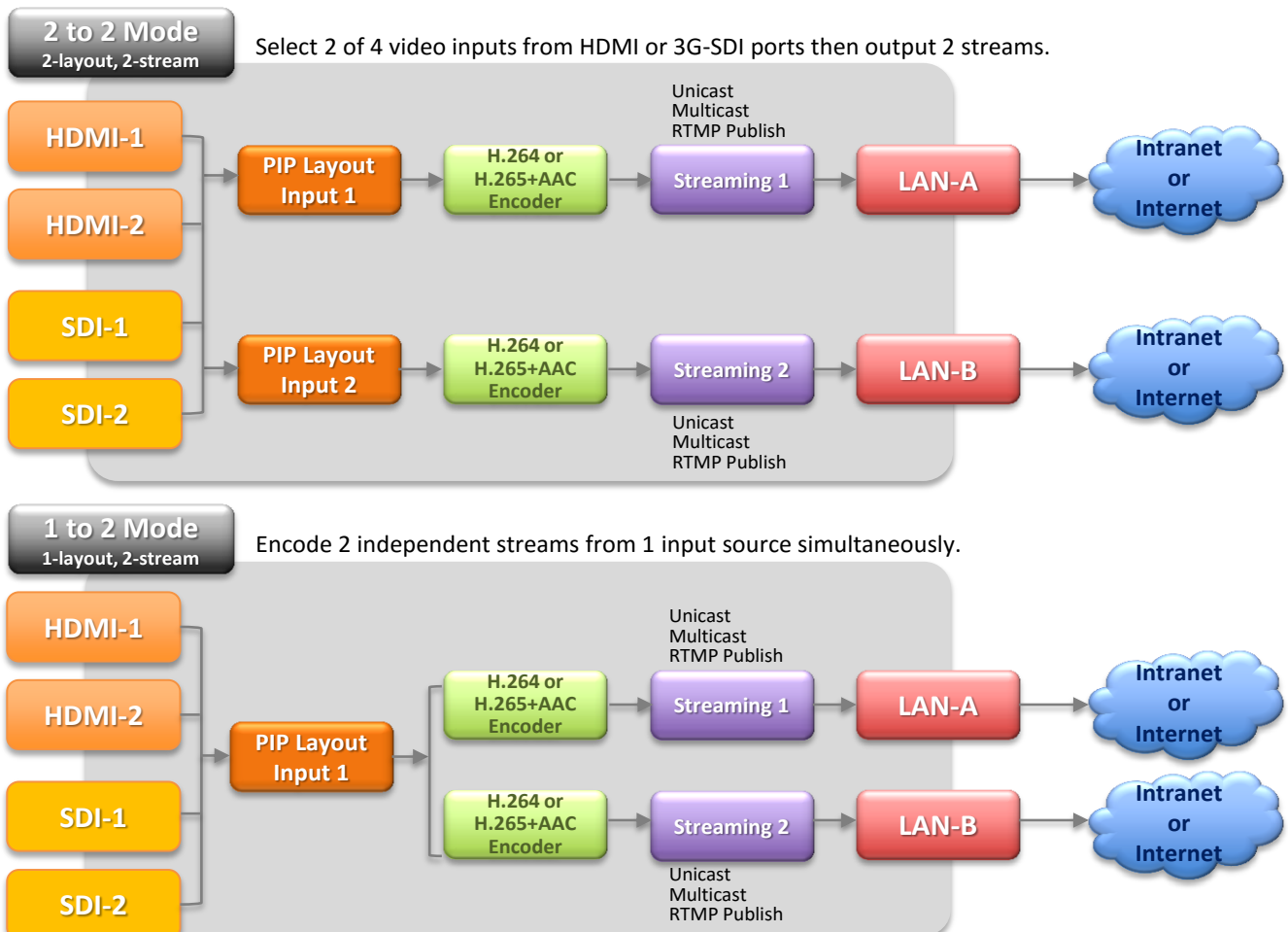


AVerCaster SE5820, the latest member of F239 Series, is a dual-channel video encoder allowing two independent Full HD video streams to be broadcasted or recorded at the same time. SE5820 takes one or two HDMI or 3G-SDI video sources up to 1920 x 1080 Full HD resolution and encodes two independent video streams of the same or various bitrates for broadcasting or recording. With powerful dual H.265 high-profile codecs, SE5820 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.
- Support PIP layout switch and layout preview through an HDMI output.
- Support remote control.
- Encode HEVC directly.
- Support PoE (Power over Ethernet).
- One XLR audio input female receptacle.

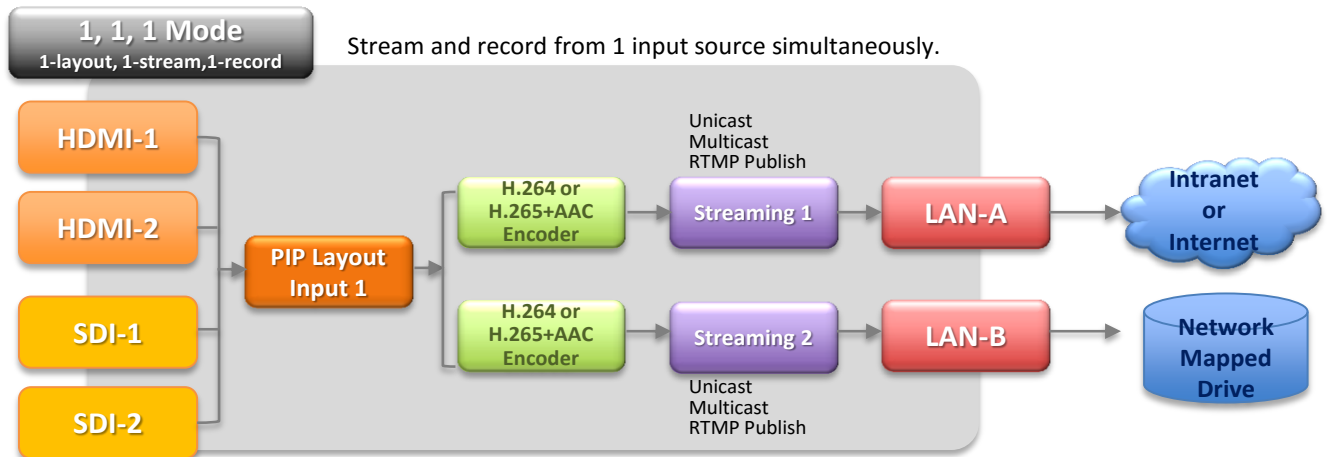
### Streaming and Recording Modes



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## Front and Rear View



## Specifications

Video Interface	HDMI 1.4b x 2 3G-SDI x 2 Audio embedded
Audio Interface	3.5mm Line-in x 2 3.5mm Mic-in x 1 XLR x 1
Channels	2
Max. Streaming or Recording Resolution	1080p60
Encoding Video Format	H.265, H.264
Protocol*	TCP, UDP, RTMP
Preview Output	HDMI 1.4b
Layout	PIP, PBP, single, customized layout
Streaming and Recording	<b>2 to 2 Mode:</b> 2 streams with independent audio/video input, encode setting and streaming protocol. <b>1 to 2 Mode:</b> Stream the same audio/video content to different target network with independent encode setting and streaming protocols. <b>1, 1, 1 Mode:</b> Simultaneous streaming and recording from the same video/audio source. Recording to network mapped drive from NAS and Windows shared folders.

Connectivity	Ethernet x 2 RS-485
Storage	NAS USB 3.0 for local storage SD card slot for local storage
Power	Locking power supply 12V/5A; PoE (Power over Ethernet)
IR	IR Receiver (for remote control) IR Blaster
Integration	API for integration and remote control
Accessory	Rack mount, DIN rail, VESA mount, wall mount
Operating Environment	0° to +50° (+32° F to +122° F) Humidity: 0-80% RHNC
Storage Environment	-40° to +70° (-40° F to +158° F) Humidity: 0-90% RHNC
Dimensions (L x W x H)	210.5mm x 179.2mm x 39.8mm (8.29" x 7.06" x 1.57")
Weight	962g (2.12lbs)

\*More functions are under development.  
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.

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