

# SAFARI MONTAGE® Broadcast Encoder



FRONT



BACK

## SPECIFICATIONS

<b>REQUIREMENTS</b>	SAFARI Montage v7.5 or greater IPTV or Selective Video Streaming license
<b>POWER</b>	AC-DC Adaptor AC input: 100-240 V DC output: 19V/3.4A
<b>VIDEO ENCODING</b>	H.264/AVC
<b>VIDEO ENCODING RESOLUTIONS</b>	HLS ABR: 576p, 720p, 1080p UDP Multicast: 1080p CDN RTMP: 720p Bitrates: Variable
<b>AUDIO ENCODING</b>	AAC @ 128 kbps
<b>VIDEO INPUT</b>	HDMI
<b>AUDIO INPUT</b>	HDMI Digital 3.5 mm Analog (with optional USB adapter)
<b>NETWORK</b>	10/100/1000 Base-T Ethernet
<b>DIMENSIONS</b>	4.5" (W) x 4.6" (D) x 2.1" (H)
<b>WARRANTY</b>	3 Years
<b>ENVIRONMENTAL</b>	0° C to +40° C
<b>WEIGHT</b>	1.6 lb
<b>INCLUDED WITH EACH ENCODER</b>	6' HDMI cable 6' Network cable
<b>CDN STREAMING &amp; CENTRALIZED MANAGEMENT REQUIREMENTS</b>	IPTV Maintenance or IPTV Streaming Software Upgrade Plan (SUP)

 Add closed captioning to your live streams with an integrated ADA compliance solution. [Contact us for more details.](#)

The SAFARI Montage Broadcast Encoder is a small form factor, single-input HD encoder that combines support for HLS Adaptive Bitrate (ABR) HTML5-native playback, traditional UDP multicasting, and low latency<sup>1</sup> video streaming to most Content Delivery Networks.

These next generation encoders integrate seamlessly with SAFARI Montage IPTV & Live Media Streaming solutions to support delivery to mobile devices, Chromebooks, and all of the latest browsers. They provide full, native HTML5-compatible playback and dynamically serve the optimal stream and bitrate to each client – all without the need for a plugin<sup>2</sup>.

The SAFARI Montage Broadcast Encoder is ideal for streaming school news, and supports up to 120 clients (classrooms) directly. When paired with this encoder, SAFARI Montage IPTV & Live Media Streaming solutions will dynamically select the optimal streaming format through client auto-detection, delivering UDP multicast or HLS ABR unicast streams.

## KEY FEATURES

HLS Adaptive Bitrate (ABR) Streaming
Support for traditional UDP multicasting
Low latency live video stream, which drastically reduces delays typically inherent in unicast streaming
Auto-Updates to encoder software via SAFARI Montage API
Integrated player provides direct playback option from encoder
Designed on the Intel NUC embedded platform for worry free 24 x 7 operation
Live streams resume automatically following video input or power interruptions

## ADVANCED FEATURES<sup>3</sup>

Stream to most Content Delivery Networks
Enhanced integration and centralized management of encoder settings and status via robust SAFARI Montage API

<sup>1</sup> Average latency of 10 seconds or less in delivery of live video to CDN

<sup>2</sup> Adobe Flash support may be required on supported legacy operating systems and browsers such as Windows 7 with Internet Explorer 11

<sup>3</sup> Require IPTV Maintenance or IPTV Streaming Software Upgrade Plan