

Osprey® Talon SAH-E23

H.264 Encoder

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2 Configuration Modes
Closed Caption Support
Simultaneous Streaming and Archiving

Talon's unique design allows the user to select from 2 distinct configuration modes to suit a wide range of projects.



1X3 MBR Mode

Allows the user to select 1 source and stream up to 3 destinations in Multiple Resolutions and Bitrates. Supports Frame Alignment for seamless RTMP MBR streaming.

Output formats include RTMP, RTP, UDP and Save to .TS file in resolutions up to 1080p60.

2X2 LC Mode

Ideal for Lecture capture, LC mode allows 2 sources to be streamed to 2 destinations. HD/SDI becomes the primary input, and the user can select either HDMI or CVBS as the second input.

Excellent solution for Simultaneous Streaming of Camera Content and Presentations for Classroom and Boardroom.

Closed Caption

Closed Captioning (EIA-608 & EIA-708) Type 1 ATSC Picture User Data is automatically embedded in the H.264 SEI per SCTE 128-1 standard* (Available in RTMP & UDP streams).

HTTP based configuration

Easily control encode settings with the user-friendly HTTP based interface. Quickly modify resolutions, frame-rates, and destination settings.

Professional Audio Options

Embedded HDMI/SDI: One stereo pair per input. Additional Unbalanced Stereo Pair available from front panel.

Mission Critical Encoding

Reliable Hardware Based Encoder
Silent, Fan-less Operation,
Low Power Consumption



Osprey®

Video

Specifications

Description:

2 channel Hardware Based Encoder

Software Control:

HTTP-Based GUI: Configuration and Software Update

Ethernet Connector:

1 GigE x 1

Video Input:

3G SMPTE 424M

HD SMPTE 292M

SD SMPTE 259M

HDMI 1080P/60

Composite (CVBS)

Video Connector:

Composite (RCA x 1)

SDI (BNC x 1)

HDMI (HDMI Type A x 1)

Audio Input:

Unbalanced stereo

Embedded SDI (1 stereo pair)

Embedded HDMI (1 stereo pair)

Audio Connector:

Unbalanced stereo (3.5mm x 1)

USB Connector:

USB Type A 2.0

Video Modes:

1080p 23.98, 24, 25, 29.97, 30, 50, 59.95, 60

1080i 50, 59.94, 60

720p 23.98, 24, 25, 29.97, 50, 59.94, 60

720 x 480 29.97, 30/i (NTSC)

720 x 576 25/i (PAL)

720 x 576 25, 50/p



Encoding:

Video Encoding: H.264 RTMP, RTP, MPEG-2 TS UDP, .TS File

Audio Encoding: AAC-LC & AAC-HE (32 to 320 kbps)

Closed Caption:

Closed Captioning (EIA-608 & EIA-708) Type 1 ATSC Picture

User Data is automatically embedded in the H.264 SEI per SCTE 128-1 standard*

LED Indicators:

Power

Unit Ready

Unit Encoding

Signal Lock for SDI, HDMI, Composite

Dimensions:

93.1mm X 120.2mm X 24.75mm (Chassis only. Does not include mounting brackets or connectors)

Weight:

260g

Power Consumption:

6W

Warranty:

1 year limited hardware warranty

*Server and player must support closed caption data in order for the closed caption overlay to be available for display