

# Osprey<sup>®</sup>

## Video

### Osprey<sup>®</sup> Talon G1

H.264 Encoder

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3 Configuration Modes

Closed Caption Support

Simultaneous Streaming and Archiving

Talon's unique design allows the user to select from 3 distinct configuration modes to suit a wide range of projects.



#### 1X3 MBR Mode

1 source and streaming to 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. Excellent solution for Simultaneous Streaming of Camera Content and Presentations for Classroom and Boardroom.

#### 1X1 3G Mode

Captures from a 3G source and encodes a single 3G output stream in RTMP, RTP, UDP and Save to .TS file with resolutions up to 1080p60.

#### 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

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## Video

### Specifications

**Description:**

2 channel Hardware Based Encoder

**Software Control:**

HTTP-Based GUI

**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

**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  
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

**Compliance:**

CE, FCC, ROHS, WEEE

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