

# Talon 4K Detailed Overview



*Video*

# Talon 4K60 Encoder

## In Depth Overview

### Video/Audio/Color Depth

- 12G-SDI and HDMI 2.0 Inputs
- 4096 x 2160 resolution
- 10bit 4:2:2 Color Depth
- 16 Audio Channels (SDI)
- 8 Audio Channels (HDMI)

### Video Compression

- H.265 (HEVC)
- H.264 (AVC)

### Streaming Transports

RTMP, UDP, RTP, SRT, ZIXI, WHIP

Simultaneous streaming and Save to File via MP4 USB and Network Mapped Drive

### Video Processing

- Upscale/Downscale
- Frame Rate Conversion
- Deinterlacing

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# Talon 4K60 Encoder

## In Depth Overview, cont.

### Software Features

- Enhanced Security Features
- Remote Firmware Upgrade from Web
- Network Time Protocol
- JSON REST API for software integration
- Password Protected
- Embedded Closed Caption support
- SMPTE 2038 Support

### Hardware Features

- Fanless Operation
- Locking Power Jack
- Status Display
- Status LED's
- GigE Ethernet Connection

### Enterprise Features

- Customizable Notice and consent banner
- Secure HTTPS (SSL) web based management
- Open VPN Client
- Whitelist/Firewall for Management IP Access
- KLV support for in-band SDI and out-of-band RTP IP

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# Solution Overview

## Where does the Talon 4K Fit?

Between the Edge of your Workflow and the Cloud  
Source → Talon 4K → Cloud Delivery or to a decoder for  
point-to-point delivery

- Compatible with all SDI and HDMI Sources up to 12G and HDMI 2.0
- Compatible with all cloud distribution platforms via RTMP, RTSP, RTP, WHIP etc
- Compatible with Zixi Broadcaster and SRT for point-to-point secure transport

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# Complimentary Products

Which products compliment the Talon 4K?

## Sources

- 4K Cameras
- 4K Switchers
- 4K Video Players

## Secure Transport Protocols

- SRT
- Zixi

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# Talon 4K Competitors

## The usual suspects

- Matrox
- Teradek
- Haivision

## Benefits of Osprey Video

- Channel Sales Model
- Solid Disty / Reseller Margins
- Referrals
- Manufactured in the USA
- Proven industry leader

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# Talon 4K - Getting in the Door

- Major Industry Partners
- Proven track record of quality
- Competitive end user price points
- World class customer service
- Easy to use Custom UI
- Scalable security features



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# Talon 4K - Closing the Sale

- Leverage the Manufacturer directly
- Manufactured in the USA
- Competitive price points
- 2 Year Warranty
- 24/7 Support



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# Closed the Sale? We can help

- Sales
- Support
- Engineering



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