

Shipping early October 2019

See us at IBC 2019 Stand 7.D19 for a live demonstration

# TALON PRO

## 4K HEVC/AVC ENCODER

H.265 / H.264 Encoding

3 Independent Encodes

Redundant Power Inputs

Small Fanless Form Factor

Unbalanced Stereo Audio Input

2x 3G-SDI plus 1x 4K30 HDMI® Inputs

RTMP(S), RTP, RTSP, TSRTSP and UDP

CEA608 and CEA708 Closed Captions

Six Configurable Dual Color Status LED's

User Selectable Loopouts (Active and Passive)

Web-Based / Wireless Configuration and Video Monitoring

HDMI Output for Post-Processing Monitoring of any Input

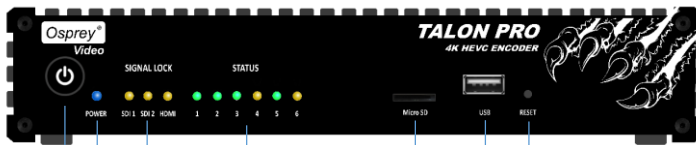
USB and Micro SD Card Interfaces for .MP4 or .TS Format Video Archiving

Included Mounting Features – Desktop, Wall Brackets, ¼" Camera Mount

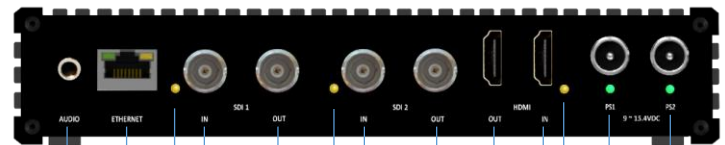
1U Side by Side Rackmount Option with included Redundant Power Supplies



# Specifications:



On/Off Switch | Video Input Lock LED's | Micro SD for Video Archiving | System Reset  
Power and Boot Status LED | Customizable Status LED's | USB2.0 for Video Archiving



Unbalanced Stereo Input | Gigabit Ethernet | SDI 1 Input | SDI 1 Loopout | SDI 2 Input | SDI 2 Loopout | HDMI Input | HDMI Output | HDMI Lock | Redundant Power

## Video Inputs:

- 2 x 3G/HD/SD-SDI with Loopouts \*
  - 1 x HDMI 1.4 UHD
- \*Selectable as active or passive loopouts

## Audio Inputs:

- 2 x Embedded SDI
- 1 x Embedded HDMI
- 1 x Analog unbalanced stereo

## Video Input Resolution:

- Up to 3840x2160 (UHD) 30fps on HDMI
- Up to 1920x1080 60fps on SDI

## HDMI Output:

- Selectable preview of any input

## Streaming Transports:

- RTMP, UDP, RTP, RTSP, SRT™, Zixi™, MPEG2 TS over UDP, TSRTSP
- Saving to MP4 and TS file
- CDN integrations

## Video Processing:

- Upscale/Downscale, Frame rate Conversion, Deinterlacing, Text Overlay, Region of Interest, Image Rotation

## Video Compression:

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

## Encoding Controls

- Bitrate from 100Kbps to 15Mbps
- Frame rate Full, Half, Quarter and Sixth
- Low Latency option <55ms

## Closed Captions

- Re-embeds existing CEA608/708 captions

## Audio Compression:

- AAC-LC, AAC-HE, AAC-HEv2

## Audio Sample Rate

- 32kHz, 44.1kHz, 48kHz
- Audio Bitrate 12Kbps to 384Kbps

## Storage

- Micro SD card
- USB drive

## Power

- 9.0 ~ 15.4VDC | 7W
- Redundant power connections



Due to continued efforts to improve our products, product specifications are subject to change.

