

TALON PRO

4K HEVC/AVC ENCODER



H.265 / H.264 Encoding

Three Encoding Channels

Redundant Power Inputs

Small Fanless Form Factor

2x 3G-SDI, 1x 4K30 HDMI 1.4

Unbalanced Stereo Audio Input

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

CEA608 and CEA708 Closed Captions

Six Configurable Dual Color Status LED's

USB and Network Drive for .MP4 or .TS Format Video Archiving

Web-Based / Wireless Configuration and Video Monitoring

HDMI Output for true Post-Processing Monitoring of any Input

Included Mounting Features – Desktop, Wall Brackets, 1/4" Camera Mount

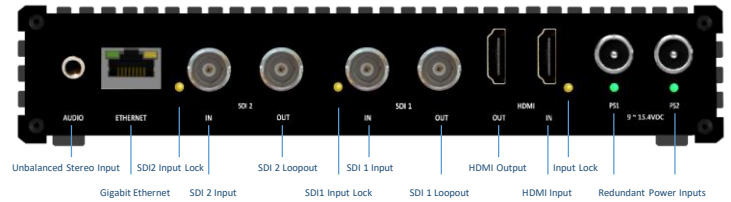
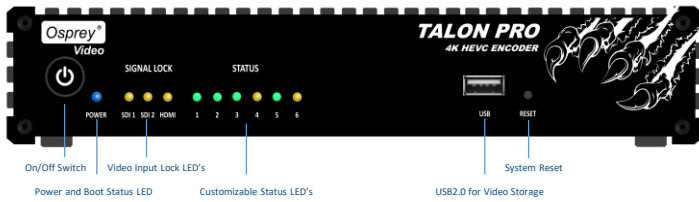
Optional: 1U Side by Side Rackmount Option with included Redundant Power Supplies



When reliability matters.



Specifications:



Video Inputs:

- 2 x 3G/HD/SD-SDI with Loopouts
- 1 x HDMI 1.4 UHD

Audio Inputs:

- 2 x Embedded SDI (4 Stereo Pairs each)
- 1 x Embedded HDMI (4 Stereo Pairs)
- 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™,
- 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

- Maximum 100Mbit/s Output Bitrate
- 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

- Network Drive
- USB drive

Power

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

