



# TALON 4K60 Decoder

## H.265 | H.264



12G-SDI | HDMI2.0  
4096x 2160p 10bit 4:2:2  
8 Audio Channels  
Genlock



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### Video Outputs (parallel):

- 2 x 12G-SDI (HD-BNC)
- 1x HDMI2.0 (non-HDCP)

### Audio Outputs:

- Embedded SDI 8Ch of audio (4 stereo pairs)

### Video Output Resolution:

- Up to 4096 x 2160 (UHD) 60fps  
will automatically match input resolution

### Color Depth:

- Up to 10-bit 4:2:2

### Genlock:

- Blackburst, Tr-Level

### Input Streams:

- RTMP(S)\*, UDP, RTP, Zixi™\*, SRT™
- Number of Input Channels – 1

### Supported Video Input Compression:

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

### Supported Audio Input Compression:

- AAC-LC
- OPUS Audio\* for UDP, RTP, SRT, Zixi

### Supported Input Audio Sample Rate

- 44.1kHz\*, 48kHz
- Audio Bitrate 64Kbps to 512Kbps

\* Features to be added with future firmware releases

### 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 and LED's

### Optional Enterprise Features

- Customizable notice and consent banner
- Secure HTTPS (SSL) web based management
- Open VPN Client
- Whitelist/Firewall for Management IP Access
- In-band KLV support

### Add-on Option

- 1U Rackmount kit with active cooling for up to 3 Decoders

### Mechanical:

- 5.5 x 6.2 x 1.5"
- Operating Temperature 0 to 40C
- Power 12V | 24W max

### In the box:

- Decoder
- 12V/36W Power Supply
- Mounting Brackets