



# TALON UHD60 Decoder RUGGED H.265 | H.264



12G-SDI  
3840x 2160p 10bit 4:2:2  
8 Audio Channels



# TALON UHD60 Decoder

## RUGGED H.265 | H.264

### Video Outputs:

- 2 x 12G-SDI (parallel HD-BNC)

### Audio Outputs:

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

### Video Output Resolution:

- Up to 3840 x 2160 (UHD) 60fps  
will automatically match input resolution

### Video Formats (up to 3840x2160p60)

- 480i29.97, 576i25
- 720p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080p23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- UHD 23.98, 24, 25, 29.97, 30, 50, 59.94, 60

### Color Depth:

- Up to 10-bit 4:2:2

### Input Streams:

- UDP, RTP, SRT™
- Number of Input Channels – 1

### Supported Video Input Compression:

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

### Supported Audio Input Compression:

- AAC-LC

### Supported Input Audio Sample Rate

- 48kHz
- Audio Bitrate 64Kbps to 512Kbps

### Software Features

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

### Hardware Features

- Fanless Operation
- Locking Power Jack
- Status Display and LED's
- GigE Ethernet connection
- Terminal for Chassis Ground

### 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 Output

### Add-on Option

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

### Mechanical:

- 5.5 x 6.2 x 1.5"
- Operating Temperature -20C to 60C (70C short term)
- Power 12V | 15W max

### In the box:

- Decoder
- Power Supply
- Vibration Dampening Mounting Brackets
- Side Mount L-Brackets
- Power Switch Blind Plug for "always-on" operations

Included Brackets:

