



TALON UHD60 Decoder 4K-SCD:NG RUGGED

SKU: 96-02047R



12G-SDI
4096x 2160p 10bit 4:2:2
8 Audio Channels
20C to 60C (70C short term)



TALON UHD60 Decoder

4K-SCD:NG RUGGED

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 4096x2160p60)

- 480i/29.97, 576i/25
- 720p/23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1080p/23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- UHD 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- DCI 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™, Zixi™
- 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"
- Grounding Stud
- Operating Temperature -20C to 60C (70C short term)
- Power 12V | 15W max

In the box:

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