T9261-D

Ultra-HD HEVC, 1080P AVC, 1080i MPEG2 Decoder

Features

Live and File Decode

Media playback from the on-board SD card, optional USB, mSATA hard drive, or network mounted storage enables playback of 4K Ultra-HD HEVC, 1080P AVC or 1080i MPEG 2.

The T9261-D Web UI includes a media analysis tool along with metadata and thumbnail support of mounted media. Drive capacity, used and available space metrics are also readily accessible.

Streaming media support includes UDP for private networks with the option of **Zixi** for public network use. The T9261-D interface allows the user to inputs streams from either of the Gigabit interfaces or optional wireless interface.

Streaming

Push media directly to your network with the T9261-D. Ideal for serving other T9261-D or software decoder applications.

Live and File Transcode

Input 4K Ultra-HD HEVC, AVC or MPEG 2 and transcode to AVC or MPEG 2. Container support includes MPEG 2 Transport Streams, ISO 14496 base media file format (BMFF) and raw Elementary streams on both the inputs and outputs. Resolution, bit rate, CODEC and container adaptation are supported. Contact T-21 with your transcode, transrate or container adaptation requirements.

Inputs and Outputs

4K Digital Video Interface

Output real 4K (4096 x 2160) or Ultra-HD (UHD at 3840 x 2160) to broadcast or consumer displays.

3G SDI 1080P Broadcast Interface

Output 1080P, 1080i, 720P, NTSC or PAL via industry standard 3G SDI interfaces. The T9261-D includes a front panel 3G SDI interface plus a 3.5 mm analog AV jack. (3G SDI and analog AV are disabled when 4K or Ultra-HD are active)

Serious IT Interfaces

Standard ethernet interfaces include two (2) Gigabit interfaces with hardware acceleration. The T-21 platforms dual interface facilitates bridging public and private networks and isolating stream and management traffic.

Optional miniPCIe Wireless LAN and Cellular cards expand the IT IO to support untethered streaming, command, and control.

USB 3.0 (2.0 compatible)

One High speed USB 3.0 interface is available for external media or firmware updates.
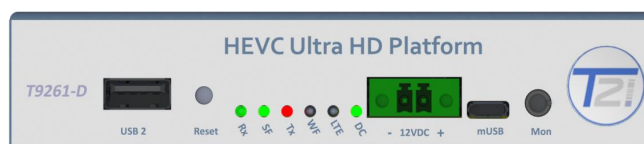
SNMP Management

Simple Network Management Protocol (SNMP) is standard in the information technology (IT) industry. Not only is SNMP standard and available for external SNMP client management, T-21 develops its own HTML 5.0 based UI accessing the same SNMP MIBS. This approach ensures the SNMP MIBS are tested, robust and reliable.

DC power input

The T9261-D boasts a low power footprint using less than 10 watts decoding 4K or UHD content. Input 9-20 Volts DC to power the T9261-D.

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Markets Applications

Broadcast

Streaming
- Public and Private network LIVE contribution
- News Contribution
- Sport Contribution
- Contribution to CDN Transcoding
- Live to mobile devices
- Studio Links

File Based
- Playback on demand
- Ultra-HD content looping
- Mix mode SD/HD/3G/4K looping with UDH output

Procast (Pro AV)
- HEVC 4K Ultra-HD Digital Cinema
  - Encryption support
- HEVC UHD Extreme signage
- Corporate
- Medical
- Education

Intelligent Transportation Systems (ITS)
- Live Internet Protocol (IP) RTSP Camera multi view Decode
  - 8 SD, 4 HD/3G or 1 4K to a UHD monitor
- Analytics (in development)
  - License Plate Recognition (LPR)
  - Motion

Security
- Video wall acceleration
  - Increased channel decode with reduced power footprint compared to OTS server

Specifications

Connections:
- HDMI Output, UHD, 4K
- Dual 3G SDI outputs
- Dual Gigabit Ports
- USB 3.0 (for storage and updates)
- Antenna ports for WiFi (Optional)

Decode:
- UDP/RTP
- FEC, Zixi*, Motama*, Aspera FASP*
- HLS, DASH, RTMP, RSTP, Filer
- *Denotes Options

Codec's Supported:
- H.265 HEVC
- H.264 MPEG4
- MPEG2

Audio Supported
- MPEG, AAC, Dolby AC3

Operating Temperature Range
- 32-122° F   10-50° C

Size
- 5.09 W X 10.125 D X 1.02 H inches
- 129 X 257 X 26 mm

Weight
- 1.5 Pounds, 0.68Kg

Power
- 90-240VAC input, 12VDC, 1.6 A output, maximum 18 watts