

InnoCoder T-40 Encoder/Transcoder

Commercial grade platform offering real-time encoding and transcoding into industry standard formats.



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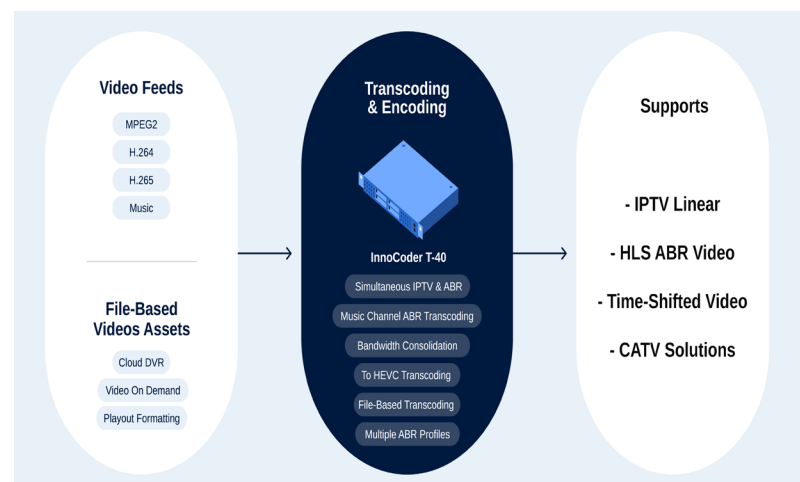
Designed to support all IPTV Middleware and streaming platforms as well as other video applications. This is a scalable solution that will fit your needs now and into the future. If you are in the live streaming business, bandwidths at the premise will vary greatly and this solution will automatically adjust bit rates in order to maximize the customers visual experience.

Linear & ABR Encoding/ Transcoding

- Encode/Transcode
- Simultaneous Interaction with ABR & IPTV solutions
- ABR Profiles (maximum six profiles)
- Bandwidth Consolidation DTA-VBR to CBR
- Music Channel Encoding to ABR Formatting

Applications

- C-Band Reclamation
- Cherry-Picker Replacement
- MPEG2 Encoding
- MPEG4 Encoding
- HEVC Encoding
- Music Channel Encoding



Technical Specifications

Dimensions and Weight

- Height: 3.5" (89mm)
- Width: 17.2" (437mm)
- Depth: 29.05" (737.9mm)
- Net Weight: 35.5 lbs (16.2 kg)
- Gross Weight: 57.5 lbs (26.2 kg)

Network Connection

- (4) SFP+ connectors
- Default: (2) 1G copper, (2) 10G MMF
- Other fiber/copper options available upon request.

Audio

- Source Audio Codecs: AC-3, EC-3, AAC, MPEG-1/2, Audio Layer I/II
- Source Audio Channels: 7.1, 5.1, 2.0, 1.0
- Output Audio Codec: AC-3, EC-3, AAC (ADTS & LATM), MPEG-1/2, Audio Layer I/II
- Support for transcoding audio to AAC
- Supports audio pass through
- Output Channels: 2.0, 1.0

Video

- Codecs: MPEG-2 and MPEG-4 AVC, HEVC 4:2:0
- Input Resolutions & Frame Rates: 1920x1080i @ 30/25
- 1280x720p @ 60/50
- 720x576i @25
- 720x480i @30
- 704x480i @30
- 544x480i @30
- 528x480i @30

Output Resolutions

- 4:3 resolutions: 640x480, 480x360, 320x240
- 16:9 resolutions: 1920x1080, 1280x720, 640x360, 320x180
- Note: Output aspect ratio must match input. All output is progressive scan.

Management

- 1000 Base-T Network Interface
- Syslog Push Message forwarding through 3rd party

Video Conversion and Transcoding

- MPEG4<-->MPEG2 Transcoding VBR<-->CBR
Video/cDVR Management

SCTE 35 AD Markers

- Passed through if present in source