

Technical Specifications InnoCoder – T-40

Encoder/Transcoder for IPTV & ABR Solutions

Network Connection	
From IP Sources	(2) 10 GE x included (electrical) Optional (4) GE (Electrical)

Management	
Management Network Interface	1000 Base-T
Email/Alarming/UEM (IS Internal)	SNMP Message forwarding through 3rd Party

Power & Redundancy Options	
System Protection	Shelf-Level Protection
Power Redundancy	Dual AC (Default) or DC (Optional)
Input Power	100-120 Vac / 12.5-9.5 A / 50-60 Hz
Output Power	1000W: 100-120 Vac

Dimensions & Weight	
Height	1.7" (43 mm)
Width	17.2" (437 mm)
Depth	35.2" (894mm) / 39.3" (997mm) with rails
Weight	Net Weight: 45 lbs (15.9 kg) Gross Weight: 58 lbs (21.8 kg)

Audio	
Source Audio Codecs	AC-3, EC-3, AAC (ADTS & LATM), 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-1/2Audio 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 &Frame Rates Note: Output framerate and aspect ratio must match input.	1920x1080i @ 30 • 1440x1080i @ 30 • 1280x720p @ 60/50 1280x720p @ 30/25 • 854x480p @ 30 • 852x480p @ 30 720x576i @ 25 • 720x480i @ 30 • 704x480i @ 30 544x480i @ 30 • 528x480i @ 30 • 192x192p @ 15 (PIP)
Video Conversion/Transcoding/Transrating	MPEG4 <--> MPEG2 Transcoding VBR <--> CBR Video/cDVR Management
Closed Caption(s)	EIA 608/708 passed through if present in source
SCTE 35 Ad Markers	Passed through if present in source