

# NXG-CV8

## A/V MPEG Transcoder Module

### Key Features

- » Transcodes up to 8 streams
- » Transrate from 2 Mbps to 19 Mbps
- » Dolby® Digital Audio Encoder support



### Product Overview

The **NXG-CV8 Transcoder** module will transcode up to 8 individual MPEG-2, MPEG-4/H.264, or H.265/HEVC video streams into MPEG-2, MPEG-4, or H.265 video. Input and output resolutions are fully flexible, 480i SD to 1080p30 HD.

The NXG-CV8 will Transcode Primary and Secondary Audio from AC3, AAC, MPEG1-Layer2, MP3 to AC3, AAC, MP3, as well as allow Audio pass-through.

The NXG-CV8 includes advanced lip-sync audio processing features for all modes of audio transcoding and pass-through.

### Ordering Information

Model	Stock #	Description
NXG-CV8	<b>6774</b>	Audio/Video MPEG Transcoder Module

# NXG-CV8

## A/V MPEG Transcoder Module

### Specifications

Input		Output	
<b>Stream Protocols</b>	UDP: SPTS from NXG Mainframe Backplane  Standard: ISO/IEC 13818-1 Systems TS Packet Length: 188 bytes Sync Byte: 0x47 TS Supported: 8 SPTS Video Format: MPEG-2; H.264 (AVC); H.265 (HEVC) Video Resolution: 480i (60 FPS); 480p (30/60 FPS); 720p (30/60 FPS); 1080i (60 FPS); 1080p (30 FPS)  Closed Captioning: EIA608/EIA708 Addressing: Unicast	<b>Stream Protocols</b>	UDP: SPTS to NXG Mainframe Backplane  Standard: ISO/IEC 13818-1 Systems TS Packet Length: 188 bytes Sync Byte: 0x47 Encoding Type: CBR/Capped VBR Video Data Rates: 2-19 Mbps (0.1 Mbps increments) TS Supported: 8 SPTS Video Format: MPEG-2; H.264 (AVC); H.265 (HEVC) Video Resolution: 480i (60 FPS); 480p (30/60 FPS); 720p (30/60 FPS); 1080i (60 FPS); 1080p (30 FPS)  Closed Captioning: EIA608/EIA708 Addressing: Unicast
Audio Input Formats:	Dolby® AC3, AAC, MP3, MPEG1-Layer2 (Pass-through/Decode only)	Audio Output Formats:	Dolby® AC3, AAC, MP3, MPEG1-Layer2 (Pass-through only)
SAP:	Supported	SAP:	Supported
Audio Rates:	64, 96, 112, 128, 160, 192, 224, 256, 320, and 384 Kbps	Audio Rates:	128, 192, and 256 Kbps
Alarms & Monitoring		General	
Front Panel:	1x Power & Status LED (Bicolor)	Dimensions (W x D x H):	1.15 x 15.5 x 7.0 in. (29 x 394 x 178 mm)
		Power:	DC via NXG Mainframe Backplane
		Power Consumption:	20 W
		Weight:	2.0 lbs (0.9 kg)
		Operating Temp:	32 to 122 °F (0 to 50 °C)
		Storage Temp:	-13 to 158 °F (-25 to 70 °C)
		Operating Humidity:	0 to 95% RH @ 35 °C max, non-condensation