

# NXG-HDMI4

## 4 Channel HDMI Encoder Module

### Key Features

- » Encode HDMI sources for custom IP & RF distribution
- » 4 channels of locally sourced content via HDMI input
- » Encoding to H.265, H.264, or MPEG-2
- » Dolby® Digital Audio (AC3) support
- » High video encoding quality levels at low bit rates



### Product Overview

The **NXG-HDMI4 Encoder** module occupies 1 slot within the NXG platform chassis. The NXG-HDMI4 supports the ingest of SD and HD content from source resolutions up to 1080p60.

H.265 (HEVC), H.264 (AVC), or MPEG-2 encoding formats are supported in all major resolutions from 480i through 1080p60. Output formats are IP/SPTS onto the NXG 100% digital IP backplane for further NXG processing, including optional QAM modulation, DRM/CAS, or IPTV multicast/unicast output.

### Ordering Information

Model	Stock #	Description
NXG-HDMI4	<b>6774 2</b>	4 Channel HDMI Encoder Module

# NXG-HDMI4

## 4 Channel HDMI Encoder Module

### Specifications

Input	
Connectors:	4x HDMI version 2.0b
Audio:	L-PCM (IEC-60958) at up to 192 kHz

  

Alarms & Monitoring	
Front Panel:	1x Status LED (Green)

  

Output Encoding	
UDP:	SPTS to NXG Mainframe Backplane
Video Resolutions:	1080p (30/60 FPS); 1080i (60 FPS); 720p (30/60 FPS); 480i (30/60 FPS)
Video Formats:	H.265 (HEVC); H.264 (AVC); MPEG-2
Audio:	Dolby® Digital AC3, AAC, MP3
Video Data Rates:	2-19 Mbps (0.1 Mbps increments)

  

General	
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