



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 (HEVC), H.264 (AVC), or MPEG-2
- » Dolby® Digital Audio (AC3), AAC, and MP3 support
- » High video encoding quality levels at low bit rates

PRODUCT OVERVIEW

The **NXG-HDMI4** module encodes HDMI inputs for custom IP and RF distribution, supporting the ingest of SD and HD content from source resolutions up to 1080p60.

The 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 backplane for further NXG processing, including optional QAM modulation, DRM/CAS, or IPTV multicast/unicast output.

ORDERING INFORMATION



MODEL	STOCK#	DESCRIPTION
NXG-HDMI4	6774 2	4 Channel HDMI Encoder Module

INPUT	
Connectors	4x HDMI, "Type A"
VIDEO	
Video Resolution	480i (59.94, 60 FPS); 480p (29.97, 30, 59.94, 60 FPS); 720p (29.97, 30, 59.94, 60 FPS); 1080i (59.94, 60 FPS); 1080p (29.97, 30, 59.94, 60 FPS)
AUDIO	
Audio Format	PCM Raw (L-PCM, IEC-60958 @ up to 192 kHz)
Sample Rates	
AAC/MPEG	16, 32, 44.1, 48 (kHz)
Dolby Digital AC3	32, 44.1, 48 (kHz)

GENERAL	
Dimensions (W x H x D)	1.15 x 7.0 x 15.5 in (29 x 178 x 394 mm)
Weight	2.0 lbs (0.9 kg)
Power	DC via NXG Mainframe Backplane
Power Consumption	20 W
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-condensing

OUTPUT	
UDP	SPTS to NXG Mainframe Backplane
TS Format	ISO 13818-1 SPTS on UDP/IP
VIDEO	
Video Format	MPEG-2; H.264 (AVC); H.265 (HEVC)
Video Resolution	1080p (29.97, 59.94 FPS); 1080i (59.94 FPS); 720p (29.97, 59.94 FPS); 480p (29.97, 59.94 FPS); 480i (59.94 FPS)
Video Bitrate	2 Mbps to 19 Mbps (0.1 Mbps increments)
AUDIO	
Audio Format	Dolby® AC3, AAC, MP3
Audio Bit Rates	128, 192, 256 Kbps

ALARMS & MONITORING	
Front Panel	1x Status LED (Bicolor)