



NETWORKTV

NetworkTV 4K UHD Encoder

The NTVH4K2 is a professional 4K/H.265 HDMI encoder and supports 4K ultra high definition video (max 3840 x 2160P@30fps) via HDMI inputs as multicast or unicast streams.

The encoder can be used as an Ultra High Definition (UHD) IP video encoder where video sources are connected to it via a HDMI cable and the unit is connected to a network. Any PC that can reach it over the network can view the UHD Video, listen to the audio and access all of its control features via the NetworkTV Management Interface.

The encoder can stream video directly onto an IP network, creating channels from the output of a wide range of sources, including satellite TV set-top boxes, cameras, digital signage systems and computers. Combining NetworkTV Encoders with the NetworkTV management system to create HLS channels can also extend video streams outside the LAN for direct delivery to mobile devices or contribute to Content Delivery Networks.

The NTVH4K2 HDMI Video encoder not only supports 2 channels of 4K or 5 channels of 1080P encoding at 1080p, but also supports multiprotocol output. Each channel supports HTTP/HLS/RTMP(RTMPS)/RTSP/UDP protocols outputting simultaneously, which is ideal for the customers who need to output with different protocols.

The NTVH4K2 encoded streams can be added to the NetworkTV Live channel list but can also be recorded on the NetworkTV Management Server and published in the NetworkTV Library Archive for download or VoD.

NetworkTV

NetworkTV is a complete IPTV solution that helps your enterprise manage and control live and recorded digital video content.

NetworkTV presents a simple-to-use management portal to control IPTV hardware devices across your intranet such as encoders, tuners, streamers and set-top-boxes. It also provides an integral library function to help you organise recordings and pre-recorded content.

If your organization has existing content, it can be uploaded into the centralised NetworkTV Library with the facility to add metadata, poster frames and tagging that will ensure searching for videos is a simple task for your users.



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tv, video and av on your network



NetworkTV HD Encoder - NTVH4K2

Specification:

Video Input:	5 x HDMI (type A) 1.4
Audio Input:	HDMI embedded audio
Video	
Resolution:	Input: 3840x2160, 3392x2208, 2592x1520, 2560x1440, 2304x1296, 1920x1080, 1680x1056, 1280x720, 1024x576, 850x480, 720x576, 640x480, 360x240, and etc. Output: 3840x2160@30fps, 1920x1080@60fps, 1680x1056, 1280x720, 1024x576, 850x480, 720x576, 640x480, 360x240, and etc.
Encode:	H264 base line, H.264 Main, H.264 High, H.265 Main
Frame rate:	Max 30fps @ 3840x 2160Max 60fps @ 1920x1080
Data Rate:	0.5Mbps~20Mbps
Rate Control:	CBR/VBR
Protocol:	HTTP/HLS/RTMP/RTSP/ UDP
Audio	
Audio Encoding:	MP3 / AAC
Streaming:	Primary: H.264, Secondary: H.264
Sample rate:	16K, 32K, 44.1K, 48K
Sampling Precision:	16 bit
Data Rate:	32Kbps~256Kbps
Network Stream Input	
Compression:	H.265 & H.264
Audio:	MPEG 1/2, MP3, AAC
Streaming:	Full duplex
Protocol	HTTP, RTSP, RTP, UDP (multicast/unicast)
System	
Interface:	Ethernet 1000 Base-T (RJ-45)
Housing:	Aluminum
Certifications:	CE, FCC, KCC, RoHS
Power:	Less than 15 watts
Operating Temp.	0°C ~ 45°C
Dimension	185mm x 119mm x 36mm

For more details see our website www.networktv.tv or why not contact us today to discuss your needs