



NETWORKTV

NetworkTV HD Encoder

The NTVH264HDMI is a High Definition H.264 video and audio encoder that is capable of offering full 1080p HD video and audio encode as multicast or unicast streams.

The encoder can be used as a High Definition (HD) IP video encoder where video and audio 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 HD 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 encoder is capable of providing dual streams in different formats so for example it will provide a multicast high bit rate and an HTTP stream low bit rate. The NTVH264HDMI encoded stream can also be recorded on the NetworkTV Management Server and published in the NetworkTV Library Archive.

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



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Specification:

System Mode	Encoder
Compression	H.264
Frame rate	Max 60fps @ 1920×1080
Bitrate	Primary : 16Kbps ~ 12Mbps, Secondary: 16Kbps ~ 12Mbps
Resolution	Auto sensing 352×240 ~ 1920×1080
Latency	400ms
Streaming	Primary: H.264, Secondary: H.264
Burn-in OSD	English
Input	1 x HDMI (type A)
Compression	MP3 / AAC
Sample rate	AAC: 32/44.1/48KHz
Bitrate	AAC : 24Kbps/256Kbps
Streaming	Full duplex
Audio Input	1 x Line-In (stereo, mini-stereo type)
Interface	Ethernet 10/100/1000 Base-T (RJ-45)
Protocol	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, RTSP, RTMP
Housing	Aluminum
Certifications	CE, FCC, KCC, RoHS
Power Supply	Min DC 12V/1.2A
Power Consumption	DC12V: Max 3.5A
Operating Temp.	0°C ~ 45°C
Dimension	150mm x 100mm x 40mm
Weight	250g

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