



## 1080p HD Low Bandwidth AV over IP Encoder

NHD-110-TX

SKU: 60038    UPC: 814303000000

The NHD-110-TX is the AV encoder to the powerful 110 series of NetworkHD AV over IP components. The 110 series components provides video encoding/decoding of up to 1080p 60Hz content over a network. The NHD-110-TX provides a low bandwidth yet incredibly high quality video stream allowing you to easily accomplish large scale AV deployments. The 110 series components are also compatible with the NHD-150-RX multiview receiver allowing up to 9 unique streams to be sent to a single display.

### Features

- Supports 4K UHD and DCI resolutions at upto 60fps RGB or YUV 4:4:4
- Supports Dolby Vision, HDR10 and HLG HDR formats and ITU-R BT.2020 and BT.2100 color spaces
- HDCP 2.2 and HDCP 1.x support
- HDMI or DisplayPort source input with optional auto-switch function
- Powerful video scaling can match a connected display to the video source, leaving the original source content unaltered
- Video resolution, framerate and color space conversion using SMPTE/ITU recommended methods with the NHD-600-RX
- Genlock mode for zero millisecond end-to-end latency
- Supports ultra-fast, seamless AV source switching
- Secondary video stream with alternate scaling options can be used for Multiview source content using NHD-600-RX\*
- Fully-featured Multiview image compositing includes arbitrary source window placement, resizing, image duplication and image offset functions\*
- Video wall functionality with NHD-600-RX, including display bezel compensation\*
- Audio capability for transport of multichannel audio, including Dolby Atmos and DTS:X
- Multichannel PCM digital audio downmix supported
- TX Analog audio port can be configured as an input for a discrete audio stream or audio embedding
- Analog audio ports can be configured to de-embed audio from the main stream, stream downmix or analog channels
- Full EDID management
- Bidirectional IP to Infrared/RS-232 functionality via API or 3rd-party drivers\*\*
- Auxilliary 1GbE Ethernet channel for network connectivity of attached source devices
- Powerful matrix functionality includes routing control of all audio, video, RS-232 and IR signals
- Exclusive, ingenious passive chassis design eliminates fan noise and maintenance concerns whilst maintaining class-leading thermal cooling
- Software configuration environment is uniform accross the entire NetworkHD family