WyreStorm NHD-100-TX NetworkHD 100-Series HD Over IP Encoder

The NetworkHD™ 100-Series is a matrix-based H.264 HD over IP AV distribution platform. With its simple system configuration and robust feature set, it provides the best value in networked video distribution, without compromising quality.

The NHD-100-TX H.264 encoder is intended for use with an NHD-100-RX H.264 decoder (sold separately) to provide a complete end-to-end streaming system.

Features:

- For use with the NHD-100-RX H.264 decoder to provide a complete end-to-end streaming system
- NetworkHD Touch iPad control app for live video previews and drag and drop source selection (COMING SOON)
- Features 1 x HDMI input to 1 x LAN (PoE) output
- Provides streaming output via Ethernet port
- Supports input signal resolution up to 1920 x 1200@60Hz
- Highly scalable, high quality low-bandwidth solution using the most efficient compression technologies to allow for very large commercial AV deployments
- Plug and Play setup with quick networking configuration and auto discovery of components
- Quick Sync™ technology for virtually instantaneous seamless switching
- Full RS232 control of connected displays and CEC One-Touch Play
- Major control systems drivers available including the WyreStorm Enado™ Control System
- Supports video previewing on a PC or third party device. Capable of outputting two simultaneous IP streams. One large IP stream supports a streaming resolution from 480p @ 60Hz to 1920 x 1200 @ 60Hz to view a video on the decoder. The other small one supports resolutions of 352 x 288 @ 5Hz to easily preview a video from the encoder on a PC or Mac
- Use with the new NetworkHD controller (NHD-000-CTL) for matrix control and management via the LAN, as well as for allowing control from third party control system such as AMX, Crestron, Control4, RTI & Enado.
- Supports PoE to be remotely powered from the switch by compatible power source equipment, eliminating the need for a nearby power outlet
- Standards-based H.264/MPEG-4 AVC video compression
- Full PC control suite available free of charge at wyrestorm.com
- Supports HDCP
- Supports the H.264 features baseline profile, main profile and high profile
- Auto input format detection
- Configurable encoding bit rate up to 40 Mbps
- Supports AutoIP, zero-configuration networking (zeroconf), a set of technologies that automatically assigns dynamic IP addresses to the Encoder on start-up and a server-less method of choosing IP addresses
- 2 year warranty