

WyreStorm NHD-400-RX NetworkHD 400 Series 4K AV over IP JPEG2000 Decoder

Distribution of AV over IP has now become a whole lot clearer for commercial or residential applications. Introducing the NetworkHD 400 Series 4K over IP - the latest in the award-winning AV over IP product line from WyreStorm.

Featuring HDCP 2.2 support, the 400 Series handles the delivery of visually lossless 4K UHD with HDR content and multichannel audio up to Dolby Atmos and DTS:X with ease, making it ideal for AV distribution around the home.

In commercial applications NetworkHD is already trusted worldwide by hundreds of colleges, universities, hospitality venues and corporations to provide 24/7 distribution of mission critical content.

Improving on the low bandwidth H.264 platform NetworkHD 100 and 200 Series solutions, the 400 Series features latest generation AV technology to increase image quality and content security, whilst almost eliminating end-to-end latency.

Unlike a traditional fixed matrix, the adaptable modular matrix design of NetworkHD allows for a system to be expanded quickly and easily by simply adding more sources or displays to meet the needs of any commercial or residential application without requiring an update to existing network architecture. Using standard networking technologies, NetworkHD enables literally any point on the network to support the latest 4K video and HD audio, with PoE providing power to all components from the switch - thus eliminating ugly power supplies and potential points of failure from a system.

Furthermore, mixing the latest 4K displays and older 1080p screens around the home, campus, bar or company building will never be a problem. The powerful scaling features of the NetworkHD 400 Series enables NHD-400-RX decoders to automatically scale incoming video signals to match the maximum capability of the connected display device.

The powerful video wall capabilities of the 400 Series create the ultimate user experience in commercial applications, featuring bezel correction, image rotation and portrait video walls, as well as traditional landscape modes for video walls up to 16x16.

New to all NetworkHD Series components, Audio can now be routed separately from video to any decoder with the 400 Series compelling new audio matrix functionality, leveraging networked AV distribution to its full potential.

NetworkHD 400 is a control powerhouse, with bidirectional IR and RS-232, for control of displays and sources from remote locations and CEC support for triggering displays on and off can be accomplished with the tap of a button. Intuitive control can be achieved with the award-winning free NetworkHD Touch app for iPad to create a simple drag and drop switching experience with live video previews of all connected sources and displays. And with the available drivers, integration with third party control systems, including the WyreStorm Enado control solution, is a breeze.

All of this makes the 400 Series the perfect 4K UHD, 1 Gigabit, low latency AV signal management solution for any commercial or residential application.

Features:

- Stunning visually lossless 4K UHD video with HDR and Multi-channel audio up to DTS:X & Dolby ATMOS
- Image scaling - use a mix of 4K & 1080p displays throughout an installation
- NetworkHD Touch™ iPad control app with live video preview and integration with major control systems including WyreStorm Enado
- Ultra-low latency - less than a single frame
- Powerful Audio matrix functionality - route audio separately from video to any decoder
- HDCP 2.2 Compliant
- CEC One-Touch Play & Standby, Bi-directional IR or RS232 control of connected devices
- Up to 16x16 video wall with rotation for portrait walls and image flipping
- Easy network set-up using standard L2 managed Luxul AMS and Cisco SG series POE Switches
- Custom "No Source" idle image upload for branded down time
- Support all SD, HD and UHD video formats - including interlaced content