



NETWORK HD TOUCH HDMI POE HDCP H.264

WyreStorm - Because the Technology Matters.

Introduction

The NetworkHD™ 200 Series is a matrix-based AV over IP solution for distribution of multiple HD content and sources to video wall HD display devices over a network. With its simple system configuration and robust feature set, it provides the best value in networked video distribution, without compromising quality.

The 200 Series shares many of the same benefits as its smaller sibling, including configurable high quality low-bandwidth H.264 compression supporting 1080p@60fps at 40Mb/s and below, and instant switching between sources with both high and low latency modes, but with powerful video wall functionality over LAN that makes it the best all-round solution for commercial AV installations.

Utilizing WyreStorm's QuickSync™ technology for industry-leading switching speed, any NetworkHD video feed offers instant switching between sources to any desired position in the display with zero image freeze or black screen that can detract from the viewing experience.

The NHD-210-RX decoder offers matrix switching and video wall functionality up to 16x16 screens when paired with an NHD-200-TX encoder for multi-format input transmissions of DVI, HDMI, Component and VGA including HDMI and analog audio breakout outputs.

Key Features

- Multi-format HD over IP AV distribution solution utilising H.264 compression for matrix switching
- Offers video wall functionality up to 16x16 screens and matrix switching
- Instant switching between video sources with both high quality and low latency modes
- Plug and Play configuration with auto IP addressing and Bonjour discovery of components
- HDMI and analog audio breakout outputs
- NetworkHD Touch iPad control app for live video previews and drag and drop source selection

In the Box

- 1x NHD-210-RX
- 1x 12v DC 1A. Power Supply
- 3x 3-pin Phoenix Connector
- 2x Mounting Ears
- 1x Quickstart Guide

Specifications

Audio and Video	
Inputs	1x LAN (PoE) 8-pin RJ-45 female 10/100Base-T
Outputs	1x HDMI In 19-pin HDMI type A female 1x Audio Out: 3-pin Phoenix
Output Video Encoding	H.264/MPEG-4 AVC
Encoding Data Rate	2~30Mb/s
End to End Latency	60~90 ms (Low latency mode) 250~300 ms (High quality mode)
Audio Formats	2ch PCM
Video Resolutions (Max)	Note: Interlaced content at any resolution is not supported, all source content must be progressive. HDMI: 1920x1080p @60Hz 8bit (15m/50ft) Cat6/6a/7: 1920x1080p @60Hz 8bit (100m/328ft Point to Point)
Color Depth	8bit
Maximum Pixel Clock	150MHz
Communication and Control	
HDMI	HDMI HDCP 1.4
Ethernet	1x 8-pin RJ-45 female 10/100Base-T PoE
RS-232	1x RS-232: 3-pin Phoenix
Power	
Power Supply	12V DC 1A
PoE	IEEE 802.3af 12V 1A 12.95W
Max Power Consumption	6W (DC adapter)
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
Maximum BTU	20.47 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height	25mm/0.98in
Width	200mm/7.87
Depth	94mm/3.7in
Weight	0.6kg/1.32lbs
Regulatory	
Safety and Emission	CE FCC RoHS

Right Product for the Right Application.

