

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

- **Dimensions (WxHxD):** 200mm x 25 mm x 94mm / 7.9" x 1.0" x 3.7"
- **Weight (Kg):** 0.48 Kg / 1.05lbs
- **Input Video Signal:** 0.5 - 1.2V p-p
- **Input DDC Signal:** 5V p-p (TTL)
- **Power Supply:** 12V 1A DC
- **Power Consumption:** 6W (Max.)
- **Rack Space Required:** N/A
- **Operating Temperature:** +32°F ~ +113°F (0°C ~ +45°C) 10% ~ 90%, non-condensing
- **Storage Temperature:** -4°F ~ 140°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
- **Input Video Ports:** 1 x HDMI IN
- **Input Video Type:** HDMI 1.3
- **Input Video Resolution: HDMI:** 640 x 480 @ 60Hz, 480i @ 60Hz, 480p @ 60Hz, 576i @ 50Hz, 576p @ 50Hz, 800 x 600 @ 60Hz, 1024 x 768 @ 60Hz, 720p @ 50Hz, 720p @ 60Hz, 1280 x 800 @ 60Hz, 1280 x 1024 @ 60Hz, 1360 x 768 @ 60Hz, 1366 x 768 @ 60Hz, 1400 x 1050 @ 60Hz, 1440 x 900 @60Hz, 1680 x 1050 @ 60Hz, 1080p @ 24Hz, 1080p @ 25Hz, 1080p @ 30Hz, 1080p @ 50Hz, 1080p @ 60Hz, 1920 x 1200 @ 60Hz
- **Output Video Ports:** 1 x LAN
- **Output Video Type:** H.264/MPEG-4 AVC
- **Output Video Resolutions:** Large IP stream: 480p @ 60Hz ~ 1920 x 1200 @ 60Hz, Small IP stream: 352 x 288 @ 5Hz
- **Video Impedance:** 100 Ω
- **Encoding Data Rate:** Up to 30 Mbps, configurable
- **End-to-End Time Latency:** About 60 ms-90 ms (Low latency mode), About 250 ms-300 ms (High quality mode)
- **Input Audio Format:** Stereo (from HDMI)
- **Output Audio Ports:** 1 x Phoenix Connector
- **Output Audio Format:** Stereo
- **Control Method:** Rear panel source switch, PC configurator and RS232
- **ESD Protection:** ±8kV (air-gap discharge) ±4kV (contact discharge)
- **Surge Protection:** Voltage ±1 kV
- **Certification:** CE, FCC, RoHS compliant