

## NLSS HD Media Decoder

Small form factor, multi-stream HD 1080p, standards-based

- » Supports multiple HD 1080p, megapixel and/or SD streams
- » Unprecedented picture clarity, smooth video, accurate color and precise image scaling
- » Works with existing LCD, LED or Plasma displays via HDMI and DVI
- » Supports H.264, MPEG-4 and M-JPEG
- » Auto-discovery for many IP surveillance cameras and encoders
- » Supports streaming via RTSP and HTTP MJPEG server push
- » Stereo audio out via HDMI
- » Supports 1x1, 1x2, 2x2, 3X3\* and 4x4\* video pane layouts and rotated video displays (portrait)
- » Decoders can be networked to build multi-display video walls
- » Browser-based GUI for managing and displaying video streams and digital signage
- » Optional accessories for controlling video and cameras
- » Open API for integration with third party systems



The NLSS HD Media Decoder is the first completely open, full HD decoder on the market. It features high-definition video decode acceleration with post-processing that delivers unprecedented picture clarity, smooth video, accurate color and precise image scaling.

The NLSS HD Media Decoder can display up to four simultaneous streams of HD video from IP cameras, stored media content or available online content to a single monitor. It supports multiple video pane layout and is easily managed over an intuitive browser-based interface.

Despite its robust feature set and advanced capabilities, the NLSS HD Media Decoder is both compact and affordable. It works with any LCD, LED or plasma display via an HDMI connection.

# NLSS HD Decoder Specifications

Hardware Interfaces	
Network	Single 10/100/1000 Base-T RJ-45 Ethernet port, half/full duplex, auto-sensing
USB 2.0	Five USB Ports for system expansion
HDMI	High-definition display interface with stereo audio
DVI	Dual monitor modes
General Features	
Processors	Multiple Core Processors
Video CODECs	H.264, M-JPEG, and MPEG-4
Audio CODECs	AAC, G.711, G.729
Memory	2 GB
Storage	320GB SATA
Certifications	
CE, FCC	

System Integration	
NLSS Decoder API	
Mechanical/Environmental	
Dimensions	8.7"W x 7.28"D x 1.9"H
Operating Temperature	32° - 122°F 0° - 50°C
Input Voltage	12V DC
Accessories	
Remote Control	Included
Joystick	Compatible with: Axis Joystick T8311
Keypad	Compatible with: Genovation MicroPad 630, Connectland
Mounting	Included: Desktop & VESA Mounting Kit
Power Supply	Included: 19V DC-40W

Network Protocols	
TCP/IP, UDP, HTTP, HTTPS, RTP, RTSP, DHCP, DNS, ARP, ICMP, IGMP, SIP, NTP, FTP, Bonjour, UPnP	

Product	Description	Product ID
NLSS HD Media Decoder	Decoder, High-definition	DC-400-2

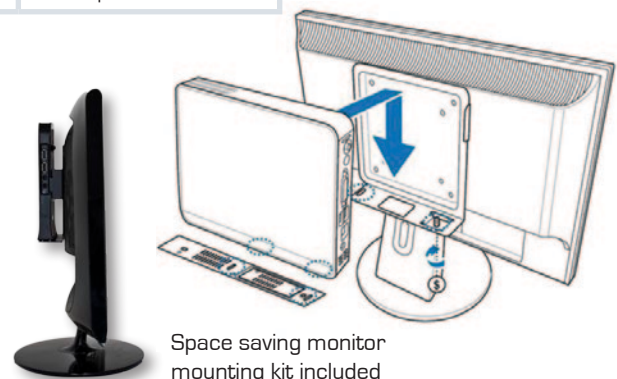
## Performance

The NLSS HD Media Decoder supports multiple layouts for views. As more streams are added to the views, more processing power is required. Best performance is achieved with H.264 encoded video streams. The specifications for the view layouts are in the table below. The parameters apply to each stream in the view.

View Layout	Maximum Resolution	Maximum Framerate	Maximum Bitrate
1x1	1080p	30 fps	8 Mbps
1x2, 2x1	1080p	15 fps	4 Mbps
2x2	1080p	10 fps	2 Mbps
3x3	D1	5 fps	500 Kbps
4x4	VGA	5 fps	500 Kbps

### Accessories:

IR remote control included.  
Compatible with: Axis Joystick T8311, USB Keypad Genovation MicroPad 630, Connectland



Space saving monitor mounting kit included



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