



NLSS HD

Media Decoder

Stunning HD Picture Quality

Multi-stream Capability

Multiple Video Formats

High Quality Audio

Camera Auto-Discovery

Intuitive Browser-Based Interface

Remote Control/Joystick/Keypad



Taking Physical Security to the **NEXT LEVEL**

Unique Features of the NLSS HD Media Decoder

Stunning HD Picture Quality

The NLSS HD Media Decoder can display up to 4 simultaneous streams of HD video on a single monitor.

Video Format

The NLSS HD Media Decoder supports multiple video formats including H.264, MPEG-4 and Motion JPEG.

Automatically Discover Cameras and Encoders

The NLSS HD Media Decoder automatically discovers a majority of IP cameras and encoders for simple installation and configuration.

Remote Control and Supported Accessories

Navigate through channels, views or sequences with the included remote control featuring infrared wireless capabilities up to 30 feet. NLSS HD Media Decoders also support USB joysticks and keypads to control cameras and views remotely.

Flexible Hardware Options

The NLSS HD Media Decoder works with any HD display monitor and supports video from most IP cameras or encoders. It also supports various mounting options.

Audio Capabilities

The NLSS HD Media Decoder supports stereo audio.

Intuitive Browser-Based Interface

Easily modify and customize video and sound settings through the intuitive browser-based interface. Choose custom source files, video and layout sequences.

Video Pane Layouts

Stream video to a customized video pane layout. NLSS HD Media Decoders include 1x1, 1x2, 2x2, 3x3, 4x4 and a customized portrait view for vertically oriented video.

Customize your Decoder with included API

NLSS HD Media Decoders include a complete API for advanced customization. These development tools enable users to write custom third party applications that communicate with the decoder. Users can write web applications to control video, audio, and other display aspects.

Small Form Factor, Low Power Consumption

The NLSS HD Media Decoder replaces heavy, expensive hardware and software but measures no larger than 7" x 1" x 6".



Exceptional Customer Service & Training

Included in all Next Level products are full access to our online training library as well as customer support you can count on.

NLSS HD Media Decoders are ideal for a multitude of applications



Commercial/Industrial

Monitoring activity at the entrance of large buildings is challenging due to the sheer number of people who enter and exit on a daily basis. Provide your front-line officers with the tools they need to minimize criminal activity in commercial office buildings. Update black-and-white spot monitors to a sleek HD flat-screen display.



Banking

Secure local branch offices with HD video performance. HD spot monitors and public view monitors will help deter crime and better equip surveillance teams with the tools they need to keep employees, customers, and assets safe.



Retail

Update the look of your storefront with a sleek flat-screen public view monitor while letting potential thieves know that their every move will be caught on camera. Or equip loss prevention officers with an HD spot monitor.



Media and Advertising

Digital signage can take media and advertising to the next level. The NLSS HD Media Decoder can easily display stored content such as promotional videos or digital posters for an eye-catching display.



Gaming/Casino Surveillance

In a casino environment, it is critical to catch even the smallest details from game tables. The NLSS HD Media Decoder provides up to four HD video streams to a single monitor for unprecedented picture clarity.



Residential Security & Entertainment

The NLSS HD Media Decoder is ideal for home use as well. Manage video files, Internet content and home security cameras on your HD TV all from the comfort of your living room.

The first completely open full HD Decoder on the market



The NLSS HD Media Decoder

Display up to four live HD video and audio streams simultaneously to a single monitor.

The NLSS HD Media Decoder supports multiple video pane layouts including 1x1, 1x2, 2x2, 3x3, 4x4, and a customized portrait view and is compatible with any LCD, LED or Plasma display. Set up custom sequences to cycle through views or pane layouts at a given speed or quickly access desired views with the included remote control. In addition, the NLSS HD Media Decoder automatically discovers a majority of IP cameras and encoders for easier and faster deployment. It decodes H.264, MPEG-4 or Motion JPEG video and has stereo audio capabilities. NLSS HD Media Decoders are compatible with a number of optional accessories including joysticks and USB keypads. Manage multiple decoders with the NLSS Gateway or through a custom application built through the API. All of this is wrapped up into a space-saving, compact form factor no larger than 7" x 1" x 6" with low power consumption.

For security applications, the possibilities are endless.

Upgrade from black-and-white spot monitors to sleek HD flat-screen displays to view even the smallest details from surveillance footage. Secure storefronts with an HD public view monitor. With the NLSS HD Media Decoder, video walls no longer require expensive proprietary hardware. Customers can choose any HD display and stream video directly from cameras without additional software or hardware. Monitor hallways and corridors using the NLSS HD Media Decoder's unique portrait view, which offers a full field of view for vertically-oriented surveillance situations.

Taking Technology to the Next Level.

Stream content from the Internet through stunning HD picture clarity or use the NLSS HD Media Decoder to display stored content such as promotional videos or digital signage for a display that really makes an impact. Or combine all applications simultaneously and stream live HD surveillance footage alongside available online or stored media content on a single monitor. Operators can sequence through a combination of views and layouts for a truly unique video viewing experience.

Why HD? Why now?

When it comes to detecting and identifying crime as it happens, HD picture clarity is second to none. Catch every detail with an NLSS HD Media Decoder, HD cameras and HD monitors.

Leveraging HD technology, security operators can more clearly identify faces, license plate numbers, even automobile models to help prevent and investigate crime.



HD Video



Standard Video



Security cameras are **automatically discovered** and added to appear in the user interface. Users can assign cameras an **identifying name** such as "Front lobby".



Space-saving monitor mounting option included

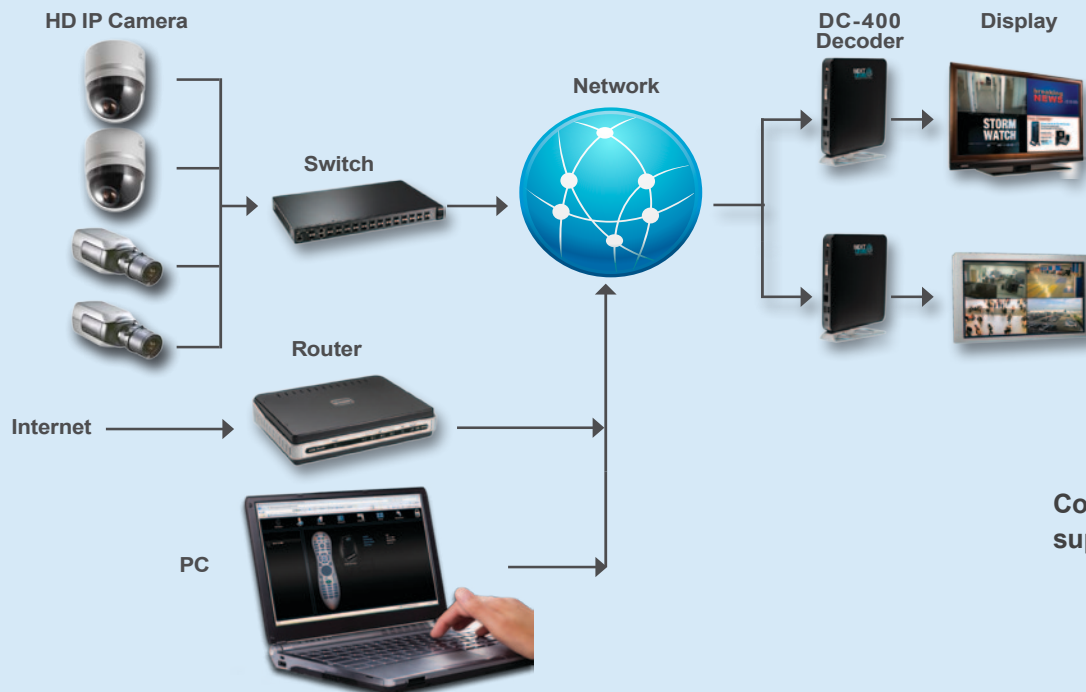


Connect Decoder to Display

Connect Decoder to Network

Workstation connected to Network
Pull up the NLSS User Interface in any web browser

Decoder Design



Control cameras and views with these supported accessories:

- ▶ Infrared Remote Control
- ▶ Axis Joystick T8311
- ▶ USB Keypad Genovation MiroPad 630, Connectland

Four Simple Steps

A true plug-and-play system

2
Video
Source

In addition to **cameras**, users can create streams from **Web content** and **stored media files**.

Cameras Streams Channels Views

NewStream

Stream Name: Next Level Video Ad

Source Type: HTTP

Url: www.nlss.com/video

UserName:

Password:

Stream Width:

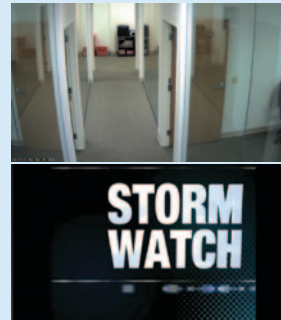
Stream Height:

Create **URL** or **Stored Media** Video Stream

3
Manage
Streams & Channels

Assign **channels** to each **video stream**.

Channel 1: Camera



Channel 2: URL Video



Channel 3: URL Video

Channel 4: Stored Media

4

Customize
Views & Sequences

Set up **layouts** and **sequences**.

Simply **drag and drop** camera feeds or other content to the desired layout.



Single Video Stream



1 x 2 Video Streams



2 x 2 Video Streams



3 x 3 Video Streams

NLSS HD Media Decoders also supports 4x4 layout.

SELECT LAYOUT OPTION:

- ▶ Single video stream
- ▶ 1 x 2 video streams
- ▶ 2 x 2 video streams
- ▶ 3 x 3 video streams
- ▶ 4 x 4 video streams

SETUP SEQUENCE:

Set up a sequence to automatically cycle through layouts and views at a given rate of time.

Security Applications

Upgrade surveillance systems to the uncompromising performance of HD picture quality

Public View Monitor

Secure stores, branches or office locations with an HD public view monitor to better deter theft and fraudulent activity.



Legacy CCTV



NLSS HD Solution

Spot Monitor Display

Catch every detail. Replace existing spot monitor displays with a brilliant HD solution that offers unprecedented picture quality.



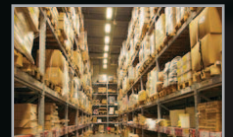
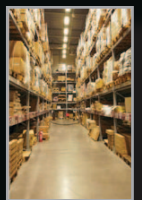
Video Wall

Video walls no longer require expensive and heavy proprietary hardware to build and run. The NLSS HD Media Decoder allows customers to choose any HD display monitor and replaces large VMS servers and other hardware.



Expand your surveillance with Portrait View

Certain situations such as hallways, staircases, and aisles require a vertical field of view. The NLSS HD Media Decoder breaks the mold of traditional landscape format offering a full field of view for portrait-shaped video. The Decoder not only supports cameras with rotated streams, it also has the ability to rotate displays 90, 180, or 270 degrees, utilizing the full area and resolution of the camera's image sensors.



Customized Applications

Mixed Media:

The NLSS HD Media Decoder enables complete view customization. Combine public view footage with digital signage and advertising to boost the effectiveness of your digital displays.

Rotating Signage



Rotating Signage:

The NLSS HD Media Decoder is ideal for displays that require constant attention such as menus that update daily or flight schedules that are ever changing. Simply push the updated content out over the Internet from a computer at a centralized location to the display monitor.

Public Messaging



Get the most out of your signage. Upgrade legacy static signs and posters to an eye-catching digital display complete with audio capability for multi-purpose messaging. This type of signage can be used for emergency notification, event notification, advertising or other public messaging.

NLSS Gateway Integration

The NLSS Gateway controls multiple NLSS HD Media Decoders from anywhere for a **complete video viewing solution**

The NLSS Gateway can control multiple decoders from a single interface

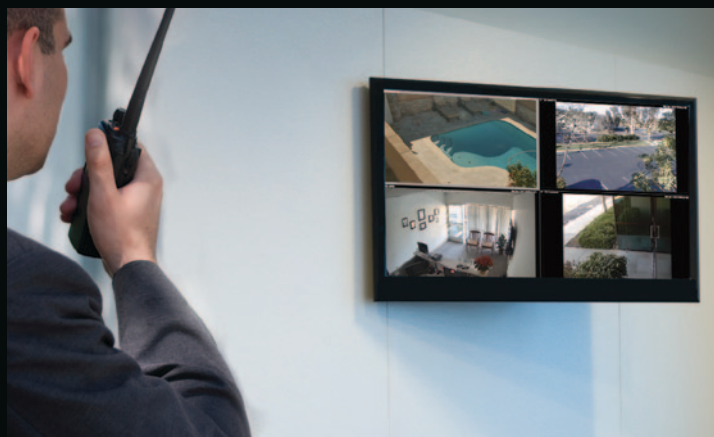
Simply drag-and-drop live camera views and other video streams into a desired layout and push the video content through the NLSS HD Media Decoder to any high-definition monitor for instant view customization. Because the interface is completely browser-based, decoder views can be changed from anywhere through most Web-enabled devices. With a few simple clicks, a security operator monitoring video events at a centralized location can send instant views to security monitors at the local site to alert personnel of potential incidents.



Set up custom views at a centralized site or off-site location...



... Display them instantly on a monitor at the local site location



NLSS Gateway Interface

The interface shows a sidebar with navigation options: Cameras, Floor Plans, Reporting, Doors, Cardholders, VideoDisplayConfiguration, Sequences, and Views. The Views section is expanded, showing a list of views: 2x2, Face Grab, Front Door, Hallway, Hallway Lobby, Lobby, Parking Lot, and Parking Lot.

Create custom VIEWS to save and name

Cameras available to view and create special VIEWS

View Name: 2x2

View Layouts: 1x1, 2x1, 2x2, 3x1, 3x2

Available Decoders to send/push the camera VIEWS

Current selected VIEW that can be assigned to the HD Decoder and also added to sequences that can be displayed on the Decoder

Saved VIEWS to watch locally on the PC or to send to a Decoder

NLSS Gateway Interface

NEXT LEVEL SECURITY SYSTEMS

A New World of Networked Security

Next Level Security Systems is a physical security company focused on developing a new breed of networked security solutions. Next Level's products combine the performance, sophistication and functionality of enterprise-class security systems into a compact, unified and affordable solution.

Led by a team of seasoned security executives and world-class engineers, Next Level was built around the core belief that exceptional performance and advanced technology should be both easy to use and affordable. The Next Level team's mission is to develop advanced yet intuitive hardware and software products that set new standards in performance vs. cost.

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