

# LOREX<sup>®</sup> 4K ULTRA HD FUSION™ NETWORK VIDEO RECORDER



## 4K Recording with Lorex Fusion™

Record and view clear 4K resolution, providing a heightened level of detail and definition. As part of the Lorex Fusion™ collection you can tailor your security system to your needs - simply pair this NVR with wired and Wi-Fi security cameras, video doorbells, floodlights and sensors. Be confident that your security footage is private and secure with the built-in security grade hard drive with no hidden monthly fees. Quickly locate motion events and filter by area, time/date, person, or vehicle with Smart Search, saving time when reviewing footage. Thanks to Smart Home compatibility, enjoy seamless viewing by syncing your system to your smart home device. With 4K resolution, Fusion™ capabilities, Smart Home compatibility and Smart Motion Detection, this recorder's performance is unmatched.

### Picture Perfect

*See every detail with superior definition*

- Record and view video in up to 4K (8MP) Ultra HD Resolution on all channels<sup>1</sup>
- Digitally zoom in on distant objects for better clarity<sup>2</sup>
- View synchronized playback of up to 4 cameras at the same time
- Expand your security system with up to 8 IP cameras with built-in PoE ports

### Home is where the smart is

*Enjoy the convenience and control of smart home compatibility and voice control features*

- Quickly access your live footage with simple voice commands, compatible with Amazon and Google<sup>4</sup>
- Control your Deterrence cameras features with your voice (compatible with Google Assistant only)<sup>4</sup>

### No Fee Local Video Storage

*Keep your footage private and secure*

- Max 6TB storage space with no hidden monthly cloud fees
- Security Grade hard drive designed for advanced processing and the workload of 24/7 monitoring

### Features



4K (8MP)  
Capable



Supports Person and  
Vehicle Detection



Supports Active  
Deterrence



No Hidden  
Cloud Fees



Smart Home/Voice  
Control Compatible



Fusion™  
Capabilities

### Expand your system with Lorex Fusion™

*Tailor your security system to your needs*

- Pair your system with up to two Lorex Fusion™ compatible Wi-Fi products such as Wi-Fi cameras, Doorbells, Floodlights, and more<sup>3</sup>
- Stream and record continuous video from your Wi-Fi cameras on your recorder
- Increase your limited Wi-Fi SD-Card storage capability by taking advantage of recording directly to the NVRs built-in HDD

### Smart Motion Detection

*Be notified when either a person or vehicle is detected on your property*

- Support for Smart Motion Detection - Get notifications with the Lorex Home™ App when motion is detected from a person or vehicle<sup>5</sup>
- Use Smart Search to Search through recorded footage and filter events for motion detected by person or vehicle<sup>6</sup>

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## Product Specifications

### General

Video Transmission Technology	IP
Channels	8 Channels

### Inputs/Outputs

Video Input	8 x PoE
Video Outputs <sup>7</sup>	1 x VGA/1 x HDMI
Audio Input	1 x RCA
Audio Output	1 x RCA

### Display

Display Output Resolution	Up to 4K UHD
Live Display	1,4,8
Live Display Speed (Max)	240fps NTSC/200fps PAL
OSD	On/Off
System Navigation	USB Mouse

### Recording

Recording Resolution	4K (8MP)/5MP/4MP/3MP/1080p/720p
Recording Frame Rate	4K (8MP)@15fps/5MP@30fps/4MP@30fps/1080p@30fps/720p@30fps
Recording Schedule	Schedule recordings through Continuous, Motion, Smart Motion (Person and Vehicle), Alarm, Day, Hour per channel
Back-up File Format	DAV/ASF/AVI/MP4
Video Compression	H.265/H.264

### Playback

Simultaneous Playback	Up to 4 channels, synchronized
Playback Speed	Variable Max 8x
Search	By Time/Date, All Motion Events or Smart Motion (Person/Vehicle <sup>6</sup> ), Area Search

### Storage

Hard Drive Bays	1 Bay
Hard Drive Capacity	Up to 6TB (SATA)
Backup Media	USB Flash Drive & USB HDD

### Special Features

Smart Motion Detection	Support for Person and Vehicle detection <sup>5</sup>
Wired/Wireless Fusion™ support	Yes <sup>3</sup>
Sensor Fusion™ support	Yes <sup>3</sup>
Face Detection Support	Yes <sup>6</sup>
Active Deterrence Support	Yes <sup>6</sup>
Active View Support	Yes <sup>6</sup>
Panic Button	Yes <sup>6</sup>
Smart Search	Yes

### Smart Home<sup>4</sup>

Voice Control	Amazon Alexa™, Google Assistant™
Streaming Options	Chromecast™, Apple TV™, Amazon Echo Show™, Google Home Hub™, Lenovo Smart Display™

### Connectivity

Mobile Viewing	Android, iOS
Compatible APP	Lorex Home™
PC/Mac Remote Viewing	Yes/Lorex Cloud™ client
Email Notification	Text and Snapshot
Network Interface	10/100 Base-TX, RJ45
Network Bit Rate	80Mbps total, 48~8192kbps per camera
DDNS	Yes (Optional)
USB interface	USB 2.0 x 2

### Additional Specifications

FW Upgrade	USB/Network
Watchdog Function	Yes
Power Consumption	Approx. 8.3W (HDD excl.)
Supply Voltage	100VAC-240VAC, 50/60hz, DC48V/2A
Total PoE Power Output	PoE: Max 25.5W for single port, 80W total
Unit Dimensions (W x D x H)	12.9 x 9.6 x 2.1" / 328 x 245 x 53 mm
Unit Weight	2.75 lbs. / 1.26 kg (excl. HDD)
Operating Temperature	14° ~ 131°F / -10° ~ 55°C
Humidity	10 ~ 90% RH



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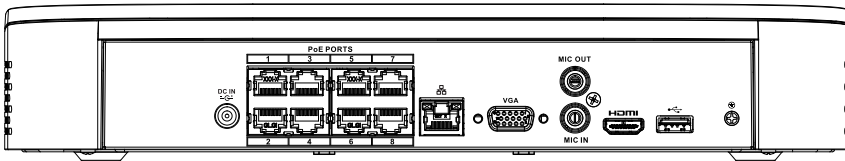
## Model Information

N842A82	8-channel 4K NVR with 2TB HDD	6-95529-02121-8
N842A83	8-channel 4K NVR with 3TB HDD	6-95529-02751-7

## Dimensions

Package	Plain Box
Package Weight	6.6lb / 2.99kg
Package Dimensions (W × D × H)	15.51 × 13.2 × 5.4" / 394 × 335 × 137mm
Package Cube	0.64cbf / 0.018cbm

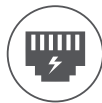
## Back Panel



## What's in the box



1 × 4K Ultra HD Fusion™ Network Video Recorder



1 × Ethernet cable



1 × Power Adapter



1 × HDMI Cable



1 × USB Mouse



Quick Setup Guide

### Disclaimers:

- 4K (8MP) IP cameras are required to take advantage of 4K recording.
- Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
- Fusion™ capabilities are limited to 2 wireless devices per system. Wireless devices require an available channel on the NVR as well as a sufficient signal strength between the device(s) and your Wi-Fi router for video streaming. For full details on Wi-Fi cameras compatibility and instructions, visit [www.lorex.com/pages/fusion](http://www.lorex.com/pages/fusion)
- Controlling certain features in your security system requires a compatible smart device. Availability and performance of certain features and services are smart device dependent and may not be available in all areas or networks. For compatibility, features, and instructions visit [www.lorex.com/smarthome](http://www.lorex.com/smarthome)
- Accuracy of Smart Motion Detection will be influenced by multiple factors, such as the object's distance from the camera, the size of the object, and the height and angle of the camera. Night vision will also impact the accuracy of detection. Compatible with certain Lorex IP cameras only.
- Compatible with certain Lorex IP and select wireless cameras only. For a list of compatible cameras please visit [www.lorex.com/compatibility](http://www.lorex.com/compatibility)
- Accessing your security system remotely requires a high-speed Internet connection. Ensure your NVR has a wired connection to a router (not included). A minimum upload speed of 5Mbps is recommended for reasonable video performance. Up to 3 devices may connect to the system at the same time. For the latest list of supported apps and devices, please visit [www.lorex.com/compatibility](http://www.lorex.com/compatibility)
- HDMI output supports 4K HD for high definition multi-channel live or recorded video viewing. Image quality and resolution is dependent on the type of camera connected to the NVR, as well as TV/monitor resolution.

N842 Fusion Series  
[lorex.com](http://lorex.com)

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