LOREX®

4K ULTRA HD NETWORK VIDEO RECORDER

4K ULTRA HD

4K Ultra HD NVR

works with the **Google** Assistant

WORKS WITH **alexa**

4K Recording with Smart Home Compatibility

Record and view impressive 4K video resolution with a cutting-edge recorder, providing you with superior detail and definition. Use the Smart Search feature to filter motion events, saving you time when reviewing footage. With convenient smart home and voice control compatibility, remote viewing, and support for cameras with advanced motion detection, this recorder's quality and performance is unmatched.

Picture Perfect
See more and know more with superior definition and detail
- Record and view video in up to 4K (8MP) Ultra HD Resolution on all cameras[1]
- Digitally zoom in on distant objects for better clarity [2]
- Expand your security system with up to 8 IP cameras with built-in PoE ports

Supports Person and Vehicle Smart Detection
With compatible cameras[6]
- Reduce unnecessary alerts and false alarms with advanced motion detection[6]
- Get push notifications when motion from a person or a vehicle is detected[3]
- Use Area Search to search through playback of recordings in a specific area of the footage
- A panic button is located on the recorder to activate all lights and sirens on compatible active deterrence cameras[6]

Home is where the smart is
Enjoy the convenience and control of smart home compatibility and voice control features
- Quickly access footage and features with simple voice commands (Compatible with: Amazon Alexa™ and Google Assistant™)[4]
- View live or recorded video directly on your TV with smart home compatibility (Compatible with: Apple TV™ and Chromecast™)[4]

No Fee Local Video Storage
Keep your footage private and secure
- Local built-in security-grade hard drive ensures only you can access your footage
- Max 10TB storage space with no hidden monthly cloud fees
- Heavy-duty 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

Product Specifications

General

Video Transmission Technology	IP
Channels	8 Channels

Inputs/Outputs

Video Input	8 Ch: 8 x PoE
Video Outputs[7]	1 × VGA/1 × HDMI
Audio Input	1 ch: RCA type
Audio Output	1 ch: RCA type

Display[7]

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

Recording

Recording Resolution	4K (8MP)/5MP/4MP/3MP/ 1080P/720P
Recording Frame Rate	4K@15fps; 5MP@15fps; 4MP@20fps; 1080P@ 30fps
Recording Schedule	Per Channel: Continuous/Motion/ Smart Motion (Person/Vehicle)/ Area/Alarm/ Day/ Hour
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 16×
Search	By Time/Date, All Motion Events or Smart Motion (Person/Vehicle[6]), Area Search

Storage

Hard Drive Bays	1 Bay
Hard Drive Capacity	Up to 8TB (SATA)
Backup Media	USB Flash Drive & USB HDD

Special Features

Smart Motion Detection	Support for Person and Vehicle detection [6]
Active Deterrence Support	Yes [6]
Smart Search	Yes
Third Party Integrations	Google Assistant™, Amazon Alexa™

Smart Home[4]

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

Connectivity

Mobile Viewing[8]	Android, iOS
Compatible APP	Lorex Home™
PC/Mac Remote Viewing	Yes/Lorex Cloud™ (Coming Soon. Aug. 2019 Availability)
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 × 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 × D × 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

Download on the App Store
Download on Apple TV
GET IT ON Google Play

Lorex Home™
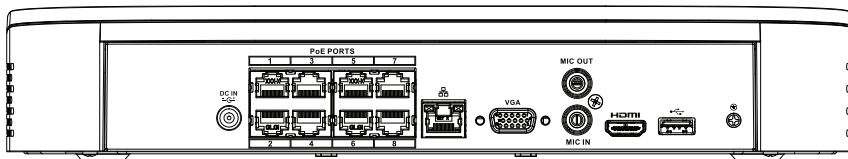
Model Information

N841A81	8-channel 4K NVR with 1TB HDD	6-95529-02110-2
N841A82	8-channel 4K NVR with 2TB HDD	6-95529-02109-6
N841A83	8-channel 4K NVR with 3TB HDD	6-95529-02238-3

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 Network Video Recorder	1 × Ethernet cable	1 × Power Adapter	1 × HDMI Cable	1 × USB Mouse	Quick Setup Guide

Disclaimers:
1. 4K (8MP) IP cameras are required to take advantage of 4K recording.
2. Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
3. Accuracy of Advanced Person and Vehicle 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.
4. 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
5. 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
6. Compatible with certain Lorex IP cameras only. For a list of compatible cameras please visit www.lorex.com/compatibility
7. 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.
8. Both firmware and software must be updated to latest version to ensure remote connectivity.