



### Smart, secure and full of channels - An NVR you can depend on

Record and view impressive 4K Ultra HD video resolution, providing you with superior detail and definition. Always be in the know with Person and Vehicle Detection. This recorder can differentiate motion generated by either a person or vehicle, providing only the most relevant alerts. Use the Smart Search feature to filter motion events by area, time/date, and person or vehicle, saving you time when reviewing footage. Expand your storage, using the dual hard drive bays, which each feature 10TB storage space. Be confident that recordings are safe and secure with internal back-up capabilities. Users can also expand their surveillance from 16 channels to 32 with an added PoE switch. With advanced person and vehicle detection, expanded channel capacity, superior storage capabilities and excellent 4K Ultra HD resolution, this recorder's quality and performance provides the security you want and need.

#### Picture Perfect

*Experience a detailed video resolution experience*

- Record and view video up to 4K (8MP) resolution<sup>1</sup>
- View live footage in up to 30fps and digitally zoom in on distant objects for better clarity

#### Advanced Person and Vehicle Detection

*Always know when a person/vehicle is on your property*

- Get push notifications when motion from a person/vehicle is detected<sup>2</sup>
- Reduce unnecessary alerts and false alarms with advanced motion detection<sup>4</sup>
- Use Smart Search to filter motion events for reviewing footage quickly and easily

#### Local Storage - No Monthly Fees

*Keep your footage private and secure*

- 2 hard drive bays with up to 2 × 10TB of storage space
- Security grade hard drive designed for advanced processing and the workload of 24/7 recording
- Storage mirroring for continuous back-up of data from one hard drive to another

#### Extensive Channel Capabilities

*More channels, more flexibility*

- This NVR system contains a built-in 16-channel capacity
- Increase your surveillance area with adding a POE switch expanding your system up to 32 channels

#### Features



4K (8MP) capable



Supports Person and Vehicle Detection



Local storage with no hidden fees



Built-in 16-channel capacity

### Product Specifications

#### General

Video Transmission Technology	IP
Channels	16, 32 channel (32ch. includes 16ch. PoE Switch)

#### Inputs/Outputs

Video Input	16 × PoE
Video Outputs	1 × VGA/1 × HDMI
Audio Input	RCA
Audio Output	RCA
Alarm In	4 channels
Alarm out	2 channels

#### Display<sup>5</sup>

Display Output Resolution	up to 4K UHD, Auto Detect
Live Display	16ch: 1/4/8/9/16 32Ch: 1/4/8/9/16/25/32
Live Display Speed (Max)	Up to 4ch 4K@30fps
OSD	On/Off
System Navigation	USB Mouse, Front Panel Buttons

#### Recording

Recording Resolution	4K (8MP)/5MP/4MP/3MP/ 1080p/720p
Recording Frame Rate	up to 30fps
Recording scheduling	Per Channel: Continuous/Motion/ Smart Motion (Person/Vehicle)/ Area/Alarm/ Day/ Hour
Back-up Media	USB, USB HDD
Video Compression	H.265 / H.264

#### Playback

Simultaneous Playback	4ch@4K 30fps
Playback Speed	Variable Max 16×
Search	By Time/Date, All Motion Events or Smart Search (Person and Vehicle), Area search

#### Storage

Hard Drive Bays	2 Bay
Hard Drive Capacity	Up to 2 × 10TB (SATA)
Backup Media	USB Flash Drive, USB HDD
Storage Mirroring	Yes

#### Special Features<sup>2</sup>

Smart Motion Detection	Person and Vehicle Motion Detection <sup>2</sup>
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#### Smart Home

Amazon Alexa	No
Google Assistant	No
Streaming Options	None

#### Connectivity<sup>6</sup>

Mobile Viewing	Android, iOS
Compatible APP	Lorex Cloud™
Email Notification	Text and Snapshot
Network Interface	1000 Base-TX (Gigabit), RJ45
Network Bit Rate	320Mbps total
DDNS	Yes (Optional)
USB interface	USB 2.0 × 2

#### Additional Specifications

FW Upgrade	USB/Network
Watchdog Function	Yes
Power Consumption	Approx. 15W (no HDD included)
Supply Voltage	100VAC-240VAC, 50/60hz, DC48V/2A
Total PoE Power Output	16 PoE: Max 25.5W for single port, 130W total
Unit Dimensions (W × D × H)	14.7 × 12.9 × 2.1" / 375 × 327 × 53mm
Unit Weight	5.1lb / 2.6kg (without HDD)
Operating Temperature	14° ~ 131°F / -10° ~ 55°C
Humidity	10 ~ 90% RH



Lorex Cloud™



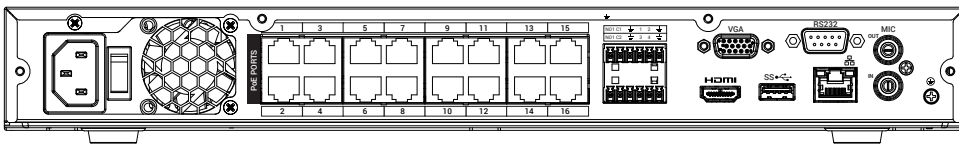
### Model Information

N881A63B	16-channel 4K NVR with 3TB HDD	6-95529-02253-6
N881A64B	16-channel 4K NVR with 6TB HDD	6-95529-02454-7
N881A38B	32-channel 4K NVR with 8TB HDD (Includes 16 Channel PoE Switch)	6-95529-02256-7

### Dimensions

Package	Plain Box
Package Weight	11.5lb / 5.2kg
Package Dimensions (W x D x H)	21.1 x 16.3 x 6.7" / 536 x 414 x 170mm
Package Cube	1.33cbf / 0.038cbm

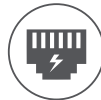
### Back Panel



### What's in the box



1 x 4K Ultra HD Pro Series NVR



1 x Ethernet cable



1 x Power Adapter



1 x HDMI Cable



1 x USB Mouse



Quick Setup Guide

#### Disclaimers:

- 4K (8MP) IP cameras are required to take advantage of 4K recording.
- 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.
- 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)
- Compatible with certain Lorex IP cameras only. For a list of compatible cameras 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.
- Both firmware and software must be updated to latest version to ensure remote connectivity.