

# LOREX<sup>®</sup> 4K ULTRA HD DIGITAL VIDEO RECORDER



## 4K Recording with Smart Motion Detection and Facial Recognition

Record and view impressive 4K video with this innovative recorder, providing superior clarity when it comes to your security. Customize your experience with a smarter security solution thanks to Smart Motion Detection, which sends notifications when motion from a person or vehicle is detected or when a familiar face is recognized – all directly through the Lorex Home™ App. With the Virtual Fence option, extended property monitoring beyond what the cameras motion detection can provide and receive notifications when the Fence line or Area has been crossed. With convenient smart home compatibility and voice control, remote viewing, and Smart Motion Detection, this recorder gives you next-level security to fit your everyday needs.

### Resolution You Can Look Up to

*See more and know more with 4K Ultra HD resolution<sup>1</sup>*

- Record and view video up to 4K (8MP) Ultra HD resolution on all cameras
- Digitally zoom in up to 8x on distant objects for better clarity
- With Privacy Masking enabled, in the event that a camera is facing an area that you do not want recorded, simply activate the privacy masking feature to draw a square around the spot(s) you don't want the camera to record

### Smarter Detection and Alert Capabilities

*Get notifications when either a person, vehicle or a familiar face is on your property*

- With Smart Motion Detection and Face Recognition receive notifications when a person, vehicle or a person's face is detected on your property from the Lorex Home™ app<sup>2</sup>
- Using Virtual Fence<sup>5</sup>, create a fence line or set an area that requires heightened security monitoring and receive notifications when that line is crossed or the area has been breached
- Use Smart Search to filter motion events for reviewing footage quickly and easily<sup>3</sup>
- A panic button is located on the recorder to Active Deterrence features on compatible cameras<sup>4</sup>

### Local Storage – No Monthly Fees

*Keep your footage private and secure*

- Local built-in security-grade hard drive ensures only you can access your footage
- Supports up to an 8TB hard drive with no hidden monthly cloud fees
- Heavy-duty hard drive designed to handle the workload of 24/7 monitoring

### Hands-free Smart Home Technology

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

- Quickly access your live footage with simple voice commands (compatible Alexa and Google)<sup>7</sup>
- Control your Deterrence cameras features with your voice (compatible with Google Assistant only)
- View live or recorded video directly on your smartphone or TV with smart home compatibility (Compatible with Apple TV and Chromecast)<sup>11</sup>

### Features



4K Resolution



Supports Active Deterrence



Smart Motion Detection



Face Recognition



Virtual Fence – Property Perimeter Detection



No Hidden Cloud Fees



Smart Home/Voice Control Compatible

# LOREX<sup>®</sup> 4K ULTRA HD DIGITAL VIDEO RECORDER

## Product Specifications

### General

Video Transmission Technology	HD Analog
Channels	8 Channels

### Inputs/Outputs<sup>7</sup>

Video Input(s)	8 × 1Vp-p, CVBS, 75ohms, BNC Type
Video Outputs(s)	1 × VGA, 1 × HDMI
Audio Input(s)	1 ch: RCA
Audio Output(s)	1 ch: RCA

### Display

Display Output Resolution <sup>1</sup>	Up to 4K
Live Display	8 ch: 1,4,8
Live Display Speed (Max) <sup>2</sup>	8 ch: 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@7fps; 5Mp@12fps; 4MP/3MP@15fps; 1080p@30fps, 720p@30fps
Recording Schedule	Schedule recordings through Continuous, Motion, Smart Motion (Person, Vehicle and Face), Alarm, Day, Hour per channel
Back-up File Format	DAV/AVI/MP4 file
Video Compression	H.265/H.264

### Playback

Simultaneous Playback	8 ch: up to 4 Channels
Playback Speed	Variable Max 16x
Search	By Time/Date, All Motion Events or Smart Motion (Person, Vehicle and Face), (Smart Search)

### Storage

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

### Special Features<sup>5</sup>

Smart Motion Detection	Person and Vehicle Motion Detection (All Channels)
Smart Search	Yes
Face Detection <sup>3,4</sup>	Yes (two channels)
Face Recognition <sup>3,4</sup>	Yes (two channels)
Virtual Fence <sup>5</sup> (Perimeter protection)	Yes (two channels)
Active Deterrence Support <sup>6</sup>	Yes
Privacy Masking	Yes
Panic Button	Yes

### Smart Home<sup>6</sup>

Voice Control	Amazon Alexa™, Google Assistant™
Streaming Options <sup>11</sup>	Chromecast™, Apple TV™, Amazon Echo Show™, Google Home Hub™

### Connectivity

Mobile Viewing	Android, iOS
Compatible APP	Lorex Home™
Lorex Cloud™	PC/Mac Client
Email Notification	Text and Snapshot
Network Interface	10/100 Base-TX, RJ45
DDNS	Yes (Optional)
USB interface	USB 2.0 × 2

### Additional Specifications

FW Upgrade	USB/Network
Watchdog Function	Yes
Power Consumption	< 15W (Excl. HDD)
Supply Voltage	12V/2A
Unit Dimensions (W × D × H)	12.9 × 9.6 × 2.1" / 328 × 245 × 53mm
Unit Weight	2.75 lbs / 1.26Kg (Excl. HDD)
Operating Temperature	14° ~ 131°F / -10° ~ 55°C
Humidity	10 ~ 90% RH



# LOREX<sup>®</sup> 4K ULTRA HD DIGITAL VIDEO RECORDER

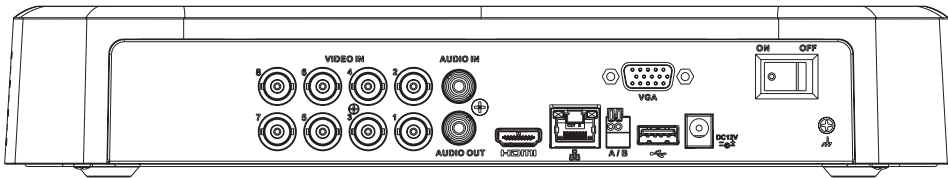
## Model Information

D871A82B	8-channel 4K DVR with 2TB HDD	6-95529-03682-3
D871A81B	8-channel 4K DVR with 1TB HDD	6-95529-03684-7

## Dimensions

Package	Plain Box
Package Weight	5.50lb / TBDkg
Package Dimensions (W x D x H)	13.07 x 15.43 x 5.31" / 331 x 391 x 135mm
Package Cube	0.62cbf / 0.018cbm

## Back Panel



## What's in the box



1 x 4K Channel DVR with pre-installed HDD



1 x HDMI Cable



1 x Ethernet cable



1 x DVR Power Adapter



1 x USB Mouse



Quick Setup Guide

### Disclaimers:

1. Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
2. Accuracy of Smart Motion Detection or Person and Vehicle 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.
3. Accuracy of Face Detection and Face Recognition will be influenced by the distance of the face from the camera. Partially or fully covered faces will not be detected. Night vision will impact the accuracy of Face Detection. Facial recording without consent is illegal in certain jurisdictions. Lorex Technology does not assume liability for any use of its product that fails to conform with local laws.
4. Face Detection and Face Recognition are available on up to 2 channels only. Smart Motion Detection can not be enabled on all channels while Face Detection or Face Recognition is enabled.
5. Virtual Fence is available on up to 2 channels only. Smart Motion Detection can not be enabled on the same channel when a single channel is enabled. To enable Virtual Fence on 2 channels, Smart Motion Detection must be disabled on all channels.
6. Compatible with select Lorex cameras only. For a list of compatible cameras, please visit [www.lorex.com/compatibility](http://www.lorex.com/compatibility)
7. 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.
8. Requires a high-speed internet connection and a router (not included) for remote access. A minimum upload speed of 7.5Mbps is required for the best 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/support](http://www.lorex.com/support)
9. Both firmware and software must be updated to latest version to ensure remote connectivity in all areas or networks. For compatibility, features, instructions visit: [www.lorex.com/smarthome](http://www.lorex.com/smarthome)
10. HDMI output supports up to 4K for high definition multi-channel live or recorded video viewing. Image quality and resolution is dependent on the type of camera connected to the DVR, as well as TV/monitor resolution.
11. AppleTV<sup>™</sup> or Chromecast<sup>™</sup> need to be connected to the same network as your recorder. Requires AppleTV Gen 4 or newer with Lorex Home Apple TV APP or Chromecast<sup>™</sup> device connected to the TV that you want to view the system on.

All trademarks belong to their respective owners. No claim is made to the exclusive right to use the trademarks listed, other than the trademarks owned by Lorex Corporation. We reserve the right to change models, configurations or specifications without notice or liability. Product may not be exactly as shown.

Apple, the Apple logo and AppleTV are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Google, Google Home, Google Play, Google Play logo, Google Assistant logo and Chromecast are trademarks of Google Inc.

Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

**D871 Series**  
**lorex.com**

Lorex Corporation  
999 Corporate Blvd, Suite 110  
Linthicum, MD, 21090, United States

© 2021 Lorex Corporation

As our product is subject to continuous improvement, Lorex Technology & subsidiaries reserve the right to modify product design, specifications & prices without notice and without incurring any obligation. E&OE. (21-0008-LOR) 04272021-1