



### 4K Recording with Smart Motion Detection

Record and view impressive 4K video with this innovative recorder, providing you with superior detail and definition. Experience a smarter security experience with Smart Motion Detection, which sends notifications when motion from a person or vehicle is detected using the Lorex Home™ app. Smart Search allows you to quickly locate motion events and filter by area, time/date, person, vehicle or face, saving you time when reviewing footage. With convenient smart home compatibility with voice control, remote viewing, and Smart Motion Detection, this recorder gives you next-level security to fit your everyday needs.

#### Smart Motion Detection

*Get notified when either a person, vehicle or a person's face<sup>3</sup> is on your property*

- Reduce unnecessary alerts and false alarms with Smart Motion Detection<sup>2</sup>
- Receive notifications when a person, vehicle or a person's face is detected on your property from the Lorex Home™ app
- Use Smart Search to filter motion events for reviewing footage quickly and easily
- A panic button is located on the recorder to activate deterrence features on compatible cameras<sup>5</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
- Hard drive designed for advanced processing and the workload of 24/7 monitoring

#### Features



4K (8MP) capable



Stay connected with the Lorex Home app



Face Detection



Person and Vehicle Detection



Supports Active Deterrence



Smart home/voice control compatible

#### Resolution You Can Look Up To

*See more and know more with 4K Ultra HD resolution*

- Record and view video up to 4K (8MP) Ultra HD resolution<sup>1</sup>
- Digitally zoom in up to 8x on distant objects for better clarity
- Capable of recording up to 4K (8MP) resolution on all cameras

#### Home is where the smart is

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

- Quickly access your live footage with simple voice commands (compatible Alexa and Google)<sup>6</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)

# LOREX® 4K ULTRA HD DIGITAL VIDEO RECORDER

## Product Specifications

### General

Video Transmission Technology HD Analog

Channels 8/16 Channels

### Inputs/Outputs

Video Input(s) 8/16 x 1Vp-p, CVBS, 75ohms, BNC Type

Video Outputs(s) 1 x VGA, 1 x HDMI

Audio Input(s) 1 ch: RCA

Audio Output(s) 1 ch: RCA

### Display

Display Output Resolution up to 4K

Live Display 8 ch: 1,4,8  
16 ch: 1,4,8,9,16

Live Display Speed (Max) 8 ch: 240fps NTSC, 200fps PAL  
16 ch: 480fps NTSC, 400fps PAL

OSD On/Off

System Navigation USB Mouse

### Recording

Recording Frame Rate 8/16ch: 4K@7fps; 5Mp@12fps;  
4MP/3MP@15fps; 1080P@30fps

Recording Schedule Schedule recordings through Continuous, Motion, Smart Motion (Person and Vehicle), 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  
16 ch: Up to 4 Channels

Playback Speed Variable Max 8x

Search By Time/Date, All Motion Events or Smart Motion (Person and Vehicle), Area (Smart Search)

### Storage

Hard Drive Bays 1 Bay

Hard Drive Capacity Up to 1 x 8TB (SATA)

Backup Media USB Flash Drive & USB HDD

### Special Features

Smart Motion Detection Person and Vehicle Motion Detection

Face Detection Yes<sup>3</sup>

Active Deterrence Support Yes

Smart Search Yes

### Smart Home

Voice Control Amazon Alexa, Google Assistant

Streaming Options Chromecast, Apple TV, Amazon Echo Show, Google Home Hub

### Connectivity

Mobile Viewing Android, iOS

Compatible APP Lorex Home™

PC/MAC Software Lorex Cloud

Email Notification Text and Snapshot

Network Interface 10/100 Base-TX, RJ45

DDNS Yes (Optional)

USB interface USB 2.0 x 2

### Additional Specifications

FW Upgrade USB/Network

Watchdog Function Yes

Power Consumption < 10 watts (no HDD included)

Supply Voltage 12V/2A

Unit Dimensions (W x D x H) 12.9 x 9.6 x 2.1" /  
328 x 245 x 53mm

Unit Weight 2.75 lbs / 1.26 kg (without HDD)

Operating Temperature 14° ~ 131°F / -10° ~ 55°C

Humidity 10 ~ 90% RH



Lorex Home



# LOREX® 4K ULTRA HD DIGITAL VIDEO RECORDER

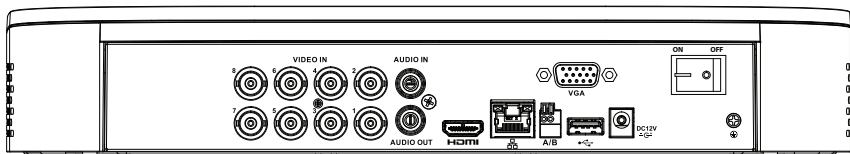
## Model Information

D861A81B	8-channel 4K DVR with 1TB HDD	6-95529-02634-3
D861A82B	8-channel 4K DVR with 2TB HDD	6-95529-02679-4
D861A62B	16-channel 4K DVR with 2TB HDD	6-95529-02636-7

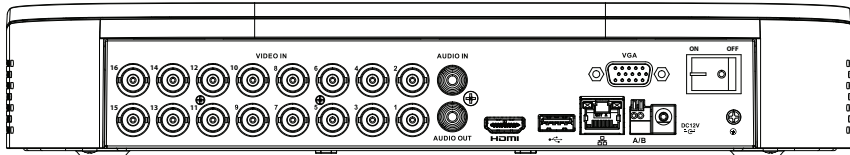
## Dimensions

Package	Plain Box
Package Weight	6.06lb / 2.75kg
Package Dimensions (W × D × H)	13.07 × 15.43 × 5.31" / 332 × 392 × 135mm
Package Cube	0.62cbf / 0.018cbm

## Back Panel



8 channel model



16 channel model

## What's in the box



1 × 4K Ultra HD DVR with pre-installed 2TB HDD



1 × HDMI Cable



1 × Ethernet cable



1 × DVR Power Adapter



1 × USB Mouse



Quick Setup Guide

### Disclaimers:

- 4K (8MP) Analog HD Cameras are required to take advantage of 4K recording.
- 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.
- Face Detection is only available up to two channels. You cannot enable both Face Detection and Person and Vehicle Detection at the same time. Person and Vehicle Detection must be disabled on all channels for Face Detection to be enabled on a single channel.
- Face Detection is disabled by default.
- Compatible with certain Lorex analog HD cameras only. For a list of compatible cameras, please visit [www.lorex.com/compatibility](http://www.lorex.com/compatibility)
- 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)
- 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 DVR, as well as TV/monitor resolution. This system does not support monitors/video outputs with less than 1080p resolution.

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**D861B Series**  
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