Record and view impressive 4K video with this powerful recorder, providing Ultra HD resolution with superior detail and definition. This recorder also features advanced person/vehicle motion detection available on up to four channels, so you only receive alerts important to you. Smart Search allows you to filter motion events by area, time/date and person/vehicle, saving time when reviewing footage. With convenient voice control and smart home compatibility, 4K resolution, and advanced motion detection, this recorder covers all the bases.

Picture Perfect
See more and know more with superior definition and detail
- Capable of recording up to 4K (8MP) Ultra HD Resolution on all cameras
- Digitally zoom in on distant objects for better clarity
- Expand your security system with both 8 and 16 channel recorder options

Advanced Person/Vehicle Detection
Be alerted when a person/vehicle is on your property
- Reduce unnecessary alerts and false alarms with advanced motion detection
- Get push notifications when motion from a person/vehicle is detected (Available on up to 4 channels)
- Use Smart Search to filter motion events for reviewing footage quickly and easily
- A panic button is located on the recorder to activate all lights and sirens on your cameras

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)
- View live or recorded video directly on your TV with smart home compatibility (Compatible with: Apple TV and Chromecast)

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
- Ample storage space with no monthly cloud fees
- Heavy-duty hard drive designed to handle the workload of 24/7 monitoring

Features
- 4K (8MP) capable
- Stay connected with the Lorex Home app
- Person/vehicle motion detection
- Smart home/voice control compatible
# Product Specifications

## General

| Video Transmission Technology | HD Analog |
| Channels | 8/16 Channels |

## Inputs/Outputs

| Video Input(s) | 8/16 × 1Vp-p, CVBS, 75ohms, BNC Type |
| Video Outputs(s) | 1 × VGA, 1 × HDMI |
| Audio Input(s) | 1 ch: in RCA |
| Audio Output(s) | 1 ch: out 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, 200PAL | 16 ch: 480fps NTSC, 400PAL |
| OSD | On/Off |
| System Navigation | USB Mouse |

## Recording

| Recording Resolution | 4K (8MP), 5MP, 4MP, 3MP, 1080p, 720p |
| Recording Frame Rate | 8/16ch: 4K@7fps; 5Mp@12fps; 4MP/3MP@15fps; 1080P@ 25/30fps (NTSC) |
| Recording Schedule | Per Channel by, Continuous/Motion/Advanced Motion (Person/Vehicle)/Alarm/Day/Hour |
| Back-up File Format | DAV/AVI/MP4 file |
| Video Compression | H.265/H.264 |

## Playback

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

## Storage

| Hard Drive Bays | 1 Bay |
| Hard Drive Capacity | Up to 1 × 10TB (SATA) |
| Backup Media | USB Flash Drive & USB HDD |

## Special Features

- Smart Motion Detection
- Smart Search
- Third Party Integrations: Google Assistant™, Amazon Alexa™

## 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 Remote Viewing: Yes/Lorex Home
- 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: < 10W (Excl. HDD)
- Supply Voltage: 12V/2A
- Unit Dimensions: 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
Model Information

D841A81B  8-channel 4K DVR with 1TB HDD  6-95529-02112-6
D841A82B  8-channel 4K DVR with 2TB HDD  6-95529-02113-3
D841A62B  16-channel 4K DVR with 2TB HDD  6-95529-02114-0

Disclaimers:
1. 4K (8MP) Analog HD cameras are required to take advantage of 4K recording.
2. Requires a high-speed internet connection and a router (not included) for remote access. A minimum upload speed of 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
3. Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
4. Compatible with select Lorex Analog HD cameras only. For a list of compatible cameras, please visit www.lorex.com/compatibility
5. Both firmware and software must be updated to latest version to ensure remote connectivity.
6. Person/Vehicle Advanced Motion Detection can be enabled only on channels 1-4. General motion detection will still be available on all remaining channels. Accuracy of Person/Vehicle Advanced 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.
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 in all areas or networks. For compatibility, features, instructions visit: www.lorex.com/smarthome
8. 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.

Dimensions

Package                Plain Box
Package Weight         6.5lb / 2.95kg
Package Dimensions     15.51 × 13.97 × 5.39" / 394 × 355 × 137mm
Package Cube           0.67cbf / 0.019cbm

Back Panels

What's in the box

1 × 4K Ultra HD Digital Video recorder  1 × HDMI Cable  1 × Ethernet cable  1 × Power Adapter  1 × USB Mouse  Quick Setup Guide