



4K recording with advanced motion detection technology

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 cameras¹
- Digitally zoom in on distant objects for better clarity³
- Expand your security system with both 8 and 16 channel recorder options

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)⁷
- View live or recorded video directly on your TV with smart home compatibility (Compatible with: Apple TV and Chromecast)

Advanced Person/Vehicle Detection

Be alerted when a person/vehicle is on your property

- Reduce unnecessary alerts and false alarms with advanced motion detection⁸
- Get push notifications when motion from a person/vehicle is detected⁶ (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 cameras⁴

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

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 × 1Vp-p, CVBS, 75ohms, BNC Type

Video Outputs(s)⁸ 1 × VGA, 1 × HDMI

Audio Input(s) 1 ch: in RCA

Audio Output(s) 1 ch: out RCA

Display⁸

Display Output Resolution Up to 4K¹

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 × 8TB (SATA)

Backup Media USB Flash Drive & USB HDD

Special Features

Smart Motion Detection Person/Vehicle Smart Motion
Detection (enabled only on
channels 1-4)⁶

Smart Search Yes

Third Party Integrations Google Assistant™, Amazon Alexa™

Smart Home⁷

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 (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 Home



LOREX® 4K ULTRA HD DIGITAL VIDEO RECORDER

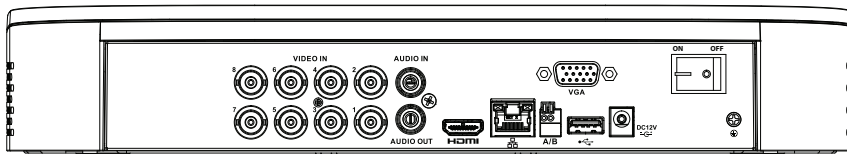
Model Information

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

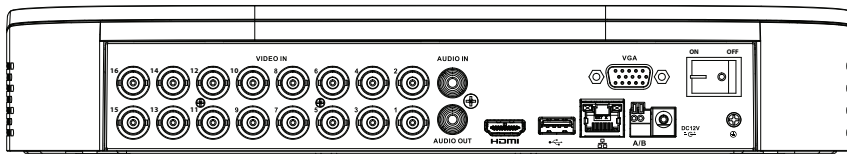
Dimensions

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

Back Panels



8 channel model



16 channel model

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

Disclaimers:

- 4K (8MP) Analog HD cameras are required to take advantage of 4K recording.
- 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
- Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
- Compatible with select Lorex Analog HD cameras only. For a list of compatible cameras, please visit www.lorex.com/compatibility
- Both firmware and software must be updated to latest version to ensure remote connectivity.
- 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.
- 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
- 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.

D841 Series
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