



### 1080p Recording with Smart Motion Detection Technology

Record and view clear 1080p video with this powerful 16-channel recorder, providing Full HD resolution with impressive definition and detail. This recorder also features Smart Motion Detection, so you only receive alerts when someone is on your property. With convenient voice control and smart home compatibility, 1080p resolution and Smart motion detection, this recorder covers all the bases.

#### Picture Perfect

*See more and know more with clear definition and detail*

- Capable of recording up to 1080p Full HD Resolution on all cameras<sup>1</sup>
- Digitally zoom in on distant objects for better clarity

#### Smart Motion Detection

*Be alerted when a person or vehicle is on your property*

- Reduce unnecessary alerts and false alarms with Smart Motion Detection<sup>5</sup>
- Get smart push notifications when motion from a person or vehicle has been detected
- 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 with compatible cameras<sup>3</sup>

#### 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
- 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

#### Operate with smart home features

*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™)<sup>9</sup>
- View live or recorded video directly on your TV with smart home compatibility (Compatible with: Apple TV™ and Chromecast™)<sup>9</sup>
- Get push notifications through the Lorex Home app when motion from a person or vehicle has been detected

#### Features



1080p  
Resolution



Person & Vehicle  
Smart Motion Detection



Local Private  
Storage



Compact  
Design



Smart Home/Voice  
Control Compatible

# LOREX 1080p 16 CHANNEL DIGITAL VIDEO RECORDER

## Product Specifications

### General

Video Transmission Technology HD Analog

Channels 16 Channels

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

Video Input(s) 16 × 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 Up to 4K

Live Display 1,4,8,9,16

Live Display Speed (Max)<sup>2</sup> 480fps NTSC, 400fps PAL

OSD On/Off

System Navigation USB Mouse

### Recording

Recording Resolution 1080p, 720p 960H, D1, CIF

Recording Frame Rate 1080p@15fps (NTSC); 720p/960H/D1/CIF@25/30fps (PAL/NTSC)<sup>2</sup>

Recording Schedule Per Channel by, Continuous, Motion, Smart Motion (Person & Vehicle), Alarm, Day, Hour

Back-up File Format DAV/AVI/MP4 file

Video Compression H.265/H.264

### Playback

Simultaneous Playback Up to 4 Channels

Playback Speed Variable Max 16x

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

Smart Search Yes

Face Detection Yes (single channel)

Face Recognition Yes (single channel)

Virtual Fence (Perimeter protection) Yes (single channel)

Active Deterrence Support Yes

Panic Button Yes

### Smart Home<sup>8</sup>

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 Cloud™

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> 1080p 16 CHANNEL DIGITAL VIDEO RECORDER

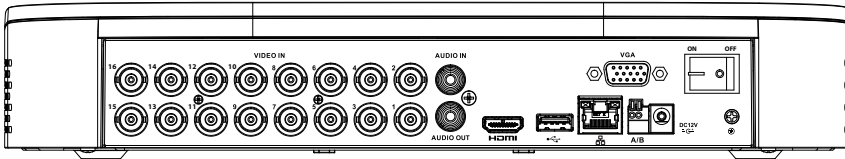
## Model Information

|           |                                   |                 |
|-----------|-----------------------------------|-----------------|
| D251A61B  | 16-channel 1080p DVR with 1TB HDD | 6-95529-03492-8 |
| D251A61B  | 16-channel 1080p DVR with 1TB HDD | 6-95529-04316-6 |
| D251A6I2B | 16-channel 1080p DVR with 2TB HDD | 6-95529-04605-1 |

## Dimensions

|                                |   |
|--------------------------------|---|
| Package                        | Plain Box                                 |
| Package Weight                 | 6.97lb / 3.16kg                           |
| Package Dimensions (W x D x H) | 15.43 x 13.07 x 5.31" / 391 x 331 x 134mm |
| Package Cube                   | 0.62cbf / 0.017cbm                        |

## Back Panels



16 Channel Model

## What's in the box



1 x 1080p DVR with pre-installed 1TB 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 & 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 to local laws.
4. Face Detection and Face Recognition are available on a single channel only. Smart Motion Detection and Virtual fence can not be enabled on all channels while Face Detection or Face Recognition is enabled.
5. 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.
6. 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)
7. 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)
8. 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.
9. AppleTV™ or Chromecast™ 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™ device connected to the TV that you want to view the system on.

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