

LOREX[®] 1080p 8 CHANNEL DIGITAL VIDEO RECORDER



1080p Recording with Smart Motion Detection Technology

Record and view clear 1080p video with this powerful 8-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.

Resolution You Can Look Up To

High definition 1080p resolution

- Capable of recording up to 1080p Full HD Resolution on all cameras¹
- 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 Detection⁵
- 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 cameras³

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™)⁴
- View live or recorded video directly on your TV with smart home compatibility (Compatible with: Apple TV™ and Chromecast™)⁴
- 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



Active Deterrence
Support



Smart Home/Voice
Control Compatible

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Product Specifications

General

Video Transmission Technology	HD Analog
Channels	8 Channels

Inputs/Outputs⁷

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	1080p
Live Display	1,4,8
Live Display Speed (Max) ²	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/960/D1/CIF@25/30fps (PAL/NTSC) ²
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	1 SATA port, up to 16 TB
Backup Media	USB Flash Drive & USB HDD

Special Features

Smart Motion Detection	Person and Vehicle Motion Detection (All Channels)
Smart Search	Yes
Active Deterrence Support	Yes
Panic Button	Yes

Smart Home⁸

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



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Model Information

D242A81B 8-channel 1080p DVR with 1TB HDD 6-95529-03518-5

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



8 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. Compatible with select Lorex cameras only. For a list of compatible cameras, please visit www.lorex.com/compatibility
4. 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.
5. 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
6. 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
7. HDMI output supports 1080p 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.
8. 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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