



1080p recording with advanced 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 advanced person/vehicle motion detection available on up to two channels, so you only receive alerts when someone is on your property. With convenient voice control and smart home compatibility, 1080p resolution and advanced 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 cameras¹
- Digitally zoom in on distant objects for better clarity

Advanced Person/Vehicle Detection

Be alerted when a person/vehicle is on your property

- Reduce unnecessary alerts and false alarms with advanced motion detection⁵
- Get push notifications when motion from a person/vehicle is detected⁵ (available on up to 2 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 with compatible cameras³

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™)⁶
- View live or recorded video directly on your TV with smart home compatibility (Compatible with: Apple TV™ and Chromecast™)⁸

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



1080p Capable



Stay Connected with the Lorex Home™ app



Person/Vehicle Motion Detection



Smart Home/Voice Control Compatible

LOREX[®] 1080p HD DIGITAL VIDEO RECORDER

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: in RCA
Audio Output(s)	1 ch: out RCA

Display

Display Output Resolution	Up to 1080p
Live Display	1,4,8
Live Display Speed (Max) ²	240fps NTSC, 200fps 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: 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	Up to 4 Channels
Playback Speed	Variable Max 16×
Search	By Time/Date, All Motion Events or Smart Motion (Person/Vehicle), (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	Person/Vehicle Smart Motion Detection (enabled only on up to 2 channels)
Smart Search	Yes
Third Party Integrations	N/A

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	(Coming Soon. Aug. 2019 Availability)
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



Lorex Home



LOREX[®] 1080p HD DIGITAL VIDEO RECORDER

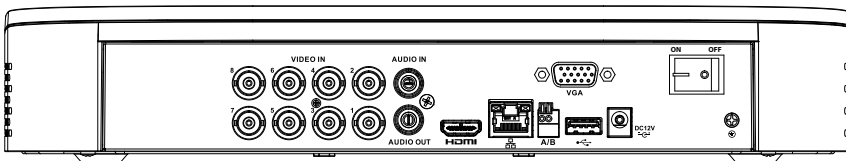
Model Information

D241A81B	8-channel 1080p DVR with 1TB HDD	6-95529-02115-7
D241A82B	8-channel 1080p DVR with 2TB HDD	6-95529-02116-4

Dimensions

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

Back Panels



8 channel model

What's in the box



1 × 1080p HD Digital Video recorder



1 × HDMI Cable



1 × Ethernet cable



1 × Power Adapter



1 × USB Mouse



Quick Setup Guide

Disclaimers:

1. Requires a high-speed internet connection and a router (not included) for remote access. A minimum upload speed of 3.5Mbps 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
2. Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
3. Compatible with select Lorex Analog HD cameras only. For a list of compatible cameras, please visit www.lorex.com/compatibility
4. Both firmware and software must be updated to latest version to ensure remote connectivity.
5. Advanced Person/Vehicle Motion Detection can be enabled on up to 2 channels at once. 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.
6. 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
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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D241 Series
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(19-0199-LOR) 07052019-1

LOREX[®]

HIGH DEFINITION 1080p BULLET SECURITY CAMERA



VIEW YOUR WORLD IN 1080p HD

Keep an eye on your home or business day or night with this high definition 1080p security camera with long range night vision.

FEATURES:

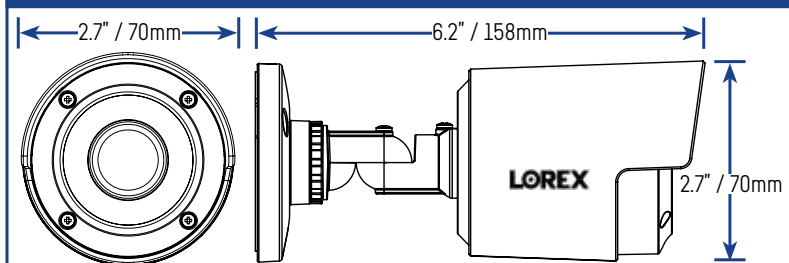
- High definition 1080p image sensor ¹
- Infrared cut filter ensures accurate color representation
- Night vision range up to 130ft (40m) in ambient lighting & 90ft (28m) in total darkness ²
- Close up recognition in the dark with SmartIR
- Anti-glare feature ensures clear images under strong lighting conditions
- ClearNight imaging for superior low light performance, improving recording efficiency
- Split glass design minimizes IR reflection
- Vandal resistant design with durable Polycarbonate housing and cable pass-through bracket
- Versatile ceiling or wall mounting options
- Residential and business friendly compact design
- Weatherproof for outdoor & indoor installation (IP66 Rated) ³
- Extreme temperature performance (-22° ~ 140°F / -30° ~ 60°C)

1080_P HD Resolution 130/90_{FT} / 40/27_M Night Vision 88° Field of View Indoor/outdoor

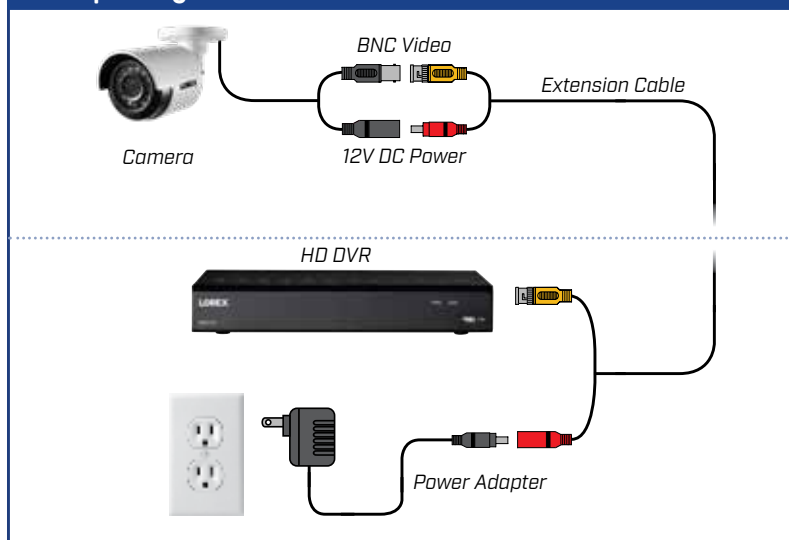
Product Information

LBV2531U	High Definition 1080p Bullet Security Camera
UPC	6-95529-01885-0
Package	Retail Box
Package Weight:	2.4lbs / 1.08kg
Package Dimensions: (W x D x H)	13.1 x 5.0 x 4.2" 332 x 127 x 106mm
Package Cube:	0.15cbf / 0.004cbm
Contents:	1x High Definition 1080p Bullet Security Camera, 1x 60ft (18m) Extension Cable, 1x Mounting Kit, 1x Power Adapter, Quick Setup Guides

Dimensions



Setup Diagram



Specifications

Image Sensor	1/2.7" 1080p, 2.1 Megapixel CMOS ¹
Video Format	NTSC
Effective Pixels	H: 1920 x V: 1080
Resolution	1080p
Scan System	Progressive
Sync System	Internal
Iris	AES
AES Shutter Speed	1/30 ~ 1/100,000s
Min. Illumination	0.2 lux without IR LED / 0 lux with IR LED
Video Output	MPX
Lens / Lens Type	3.6mm F2.0 / Fixed
Field of View (Horizontal)	88°
Termination	BNC Type
IR LED Type	850nm
Night Vision Range	130ft (40m) / 90ft (28m) ²
Power Requirement	12V DC ±10%
Power Consumption	Max. 280mA (with IR)
Operating Temp. Range	-22° ~ 140°F / -30° ~ 60°C
Operating Humidity Range	< 90% RH
Environmental Rating	IP66 ³
Dimensions	2.7 x 6.2 x 2.7" / 70 x 158 x 70mm
Weight (including stand)	0.4lbs / 0.18kg

Disclaimers

- 1080p cameras are compatible with Lorex 1080p HD DVRs only. For a list of compatible recorders please visit lorex.com/support
- Stated IR illumination range is based on ideal conditions in typical outdoor night time ambient lighting and in total darkness. Actual range and image clarity depends on installation location, viewing area, and light reflection / absorption level of object. In low light, the camera will switch to black and white.
- Not intended for submersion in water. Installation in a sheltered location recommended.