

# LOREX<sup>®</sup> 2K NETWORK VIDEO RECORDER



## Secure and Reliable Video Storage

The Lorex 2K NVR provides clear resolution and reliable video storage for your 2K wire-free cameras. Compact in design, you'll be able to set up and place this recorder anywhere in your home. Local storage means no monthly fees - MicroSD or HDD local storage options means ample storage for your video footage. Using the Lorex Cirrus App, allows you to easily monitor your property from anywhere.

### Local Storage – No Monthly Fees

*Keep your footage private and secure*

- Recorded events are easy to access from your recorder
- H.265 video compression maximizes video storage and enables improved remote connectivity

### Home is Where the Smart Is

*Enjoy the convenience voice control*

- Quickly view, with Smart Home compatibility, with Google Assistant and Amazon Alexa<sup>4</sup>
- View your system remotely with the Lorex Cirrus app for iOS/Android and Lorex Client 13 for Windows/macOS

### Installation Made Easy

*Quick and easy set up*

- Without the need to run wires to the cameras, installation becomes easier and faster
- Connect Lorex wire-free cameras (U424AA Series) wirelessly to the recorder with a simple setup process<sup>2</sup>
- Built-in mic and speaker allows you to listen and speak to visitors with 2-Way Talk

### Resolution You Can Look Up To

*Experience high quality video resolution*

- See more detail with 2K resolution video<sup>1</sup>
- With Person Detection get notifications when some one is on your property
- The Active Deterrence Cameras feature a warning light that can be set-up to automatically illuminate during general motion events or can be manually activated

## Features



2K Resolution



Person Detection



Active Deterrence



2-Way Talk



Rechargeable Power Pack



Lorex Cirrus app

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## Product Specifications

### System

Operating System	Embedded Linux
Channels	6 / 8 Channels (WiFi 802.11b/g)
VGA	No
HDMI	Yes
Video Output Resolutions	3840×2160, 2560×1440, 1920×1080, 1280×720, 1280×1024
Ethernet	8P8C 10/100 Base-T
USB	USB 2.0

### Playback & Display

Multi Screen Display	1/4/9/SEQ
Frame rate	Max 20 fps (Single Camera) @2MP/Channel Max 100 fps Total @2MP/Channel
On Screen Display	Yes
Control	Mouse
Update Options	Network, USB
Playback Functions	Play, Pause, Stop; Fast forward/backward (2×, 4×, 8×); Slow forward (½×, ¼×, ⅓×); Step forward/backward

### Recording

Compression	H.265+, H.265, H.264
Resolution	2560 × 1440 (4MP)
Event type	Motion Detection, Person Detection
Modes	Motion Only (default setting) / Continuous (requires HDD & continuous power from outlet to cameras)
Post-event	0 min, ½ min, 1 min, 2 min, or 5 min

### Storage & Archive

External Storage	MicroSD card (up to 128GB MicroSD Class 10 supported)
Internal Storage	2.5" SATA HDD (non-upgradable)
Backup Media	USB, HDD, Network
Backup File Format	MP4 / LF

### Connectivity

Remote App Clients	Web, iOS, Android, iPadOS
Voice Assistance	Google Assistant, Amazon Alexa
Protocol Support	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, DHCP, SMTP, DNS, DDNS

### General

Housing Material	Plastic
Input Voltage	12 VDC
Input Current	2 A
Power Consumption	3.2W (when HDD is not connected)
Operating Temperature	32 °F – 104 °F / 0 °C – 40 °C
Operating Humidity	20% – 85% RH
Weather Rating	Indoor use only



Lorex Cirrus



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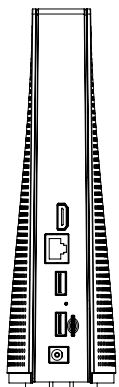
## Model Information

L4248E	6-channel 2K NVR, 64GB MicroSD	6-95529-03750-9
L42481	6-channel 2K NVR, 1TB HDD	6-95529-03751-6
L4248D	8-channel 2K NVR, 32GB MicroSD	6-95529-03740-0

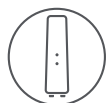
## Dimensions

Package	Plain Box
Package Weight	2.6lb / 1.2kg
Package Dimensions (W × D × H)	11.8 × 3.9 × 9.5" / 300 × 99 × 241mm
Package Cube	0.25cbf / 0.007cbm

## Back Panel



## What's in the box



1 × 2K NVR



1 × HDMI Cable



1 × Ethernet cable



1 × Power Adapter



1 × USB Mouse



Quick Start Guide

### Disclaimers:

1. HDMI output (2560 × 1440) HD for high definition multi-channel live viewing only. 2K recording resolution is limited to a maximum of 2560 × 1440 per channel. Image quality and frame rate are dependent on the distance and types/locations of objects between the camera and the recorder.
2. Compatible with certain Lorex wire-free cameras only. For a list of compatible cameras please visit [www.lorex.com/compatibility](http://www.lorex.com/compatibility) Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
3. The recorder comes pre-installed with either a non-upgradable 2.5" SATA Hard Disk Drive or a MicroSD card which can be upgraded to a maximum of 128GB (Class 10 or higher). Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene
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 in all areas or networks. For compatibility, features, instructions visit: [www.lorex.com/smarthome](http://www.lorex.com/smarthome)
5. Accessing your security system remotely requires a high-speed Internet connection. Ensure your recorder has a wired connection to a router (not included). An upload speed of 3.5Mbps is recommended for optimal 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/compatibility](http://www.lorex.com/compatibility)

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L4248 Series  
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(21-0049-LOR) 08262021-2