

LOREX[®] 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

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 process²
- Built-in mic and speaker allows you to listen and speak to visitors with 2-Way Talk

Home is Where the Smart Is

Enjoy the convenience voice control

- Quickly view, with Smart Home compatibility, with Google Assistant and Amazon Alexa⁴
- View your system remotely with the Lorex Cirrus app for iOS/Android and Lorex Client 13 for Windows/macOS

Resolution You Can Look Up To

Experience high quality video resolution

- See more detail with 2K resolution video¹
- 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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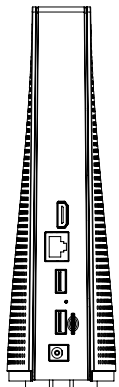
Model Information

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

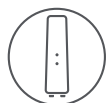
Dimensions

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:

- 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.
- Compatible with certain Lorex wire-free cameras only. For a list of compatible cameras please visit www.lorex.com/compatibility Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
- 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.
- 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
- 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

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L4248 Series
lorex.com

Lorex Corporation
999 Corporate Blvd, Suite 110
Linthicum, MD, 21090, United States

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