

# Fusion 4K Network Video Recorder

FUSION  
COLLECTION



## The Cornerstone of Your Security

Record and view impressive videos with the 4K Fusion NVR. This Fusion recorder features 16 channels – 8 for Wired cameras and 8 for Wi-Fi cameras, providing security to fit your needs. Local storage means no monthly fees! Keep your recordings safe and private with the 2TB hard drive. Always know what's happening around your property thanks to Person, Vehicle, Animal, and Package Detection, which sends you detailed smartphone motion notifications. Your security, your way – easily pair the NVR with up to 8 Wired Cameras and 8 Fusion Wi-Fi compatible devices like Video Doorbells, Floodlights, Wi-Fi Cameras, and Sensors as desired.

### See the Finest Detail

- Record the complete picture with 4K resolution on all channels.
- Digitally zoom in on distant objects to see the finest details.

### Simple Navigation

- Enjoy seamless navigation and a faster setup with fewer screens.
- Instantly access your live camera feed with a single click.

### Customize Your Security With Fusion

- Create a personalized Lorex Smart Home ecosystem by pairing your NVR with up to 8 Wired and 8 Wi-Fi devices.
- Enjoy 24/7 continuous recording from Wired and Wi-Fi cameras. Watch live videos or playback from anywhere using the Lorex Home App.

### Free Local Storage, No Monthly Fees

- Get ample storage for video records thanks to the built-in 2TB hard drive.
- Keep recordings private and secure with local storage.

### Always Know What's Happening

- Receive notifications only when a person, vehicle, animal, or package is detected on your property.\*
- Easily filter through motion events using the Smart Search feature.

## Features



4K  
Resolution



Supports Active  
Deterrence



Supports Smart Motion  
Detection Plus



Supports  
Safeguard



No Monthly  
Fees



Smart Home/Voice  
Control Compatible



Fusion  
Capabilities

# LOREX<sup>®</sup> Fusion 4K Network Video Recorder

## Product Specifications

### General

Video Transmission Technology	IP
Channels	16 Channels

### Inputs/Outputs

Video Input	8 x PoE, 8 x Wi-Fi Fusion
Video Outputs <sup>7</sup>	1 x VGA/1 x HDMI
Audio Input	1 x RCA
Audio Output	1 x RCA

### Display

Display Output Resolution	Up to 4K UHD
Live Display	1,4,8,9,16
OSD	On/Off
System Navigation	USB Mouse

### Recording

Recording Resolution	4K (8MP)/5MP/4MP/3MP/1080p/720p
Recording Frame Rate	4K (8MP)@15fps/5MP@30fps/4MP@30fps/1080p@30fps/720p@30fps
Recording Schedule	Schedule recordings through Continuous, Motion, Smart Motion (Person, Vehicle and Face), Alarm, Day, Hour per channel
Back-up File Format	DAV/ASF/AVI/MP4
Video Compression	H.265/H.264

### Playback

Simultaneous Playback	Up to 4 channels, synchronized
Playback Speed	Variable Max 8x
Search	By Time/Date, All Motion Events or Smart Motion (Person/Vehicle/Face <sup>6</sup> ), Area Search

### Storage

Hard Drive Bays	1 Bay
Hard Drive Capacity	1 SATA port, up to 10 TB
Backup Media	USB Flash Drive & USB HDD

### Special Features

Smart Motion Detection Support	Yes for Person and Vehicle detection <sup>5</sup>
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Wired/Wireless Fusion support	Yes <sup>3</sup>
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Lorex Sensor Compatible	Yes <sup>3</sup>
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Face Detection Support	Yes <sup>5</sup>
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Mask Detection Support	Yes <sup>5</sup>
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Package Detection (Missing Package and Package Left Behind):	Yes <sup>5</sup>
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Smart Security Lighting™ Support	Yes <sup>5</sup>
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Active Deterrence Support	Yes <sup>5</sup>
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Active View Support	Yes <sup>5</sup>
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Selectable Siren Support	Yes <sup>5</sup>
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Panic Button	Yes <sup>5</sup>
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Smart Search	Yes
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### Smart Home<sup>4</sup>

Voice Control	Amazon Alexa™, Google Assistant™
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Streaming Options	Chromecast™, Apple TV™, Amazon Echo Show™, Google Home Hub™
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### Connectivity

Mobile Viewing	Android, iOS
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Compatible APP	Lorex Home™
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PC/Mac Remote Viewing	Yes/Lorex Cloud™ client
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Email Notification	Text and Snapshot
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Network Interface	10/100 Base-TX, RJ45
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Network Bit Rate	80Mbps total, 48~8192kbps per camera
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DDNS	Yes (Optional)
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USB interface	USB 2.0 x 2
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### Additional Specifications

FW Upgrade	USB/Network
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Watchdog Function	Yes
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Power Consumption	Approx. 8.3W (HDD excl.)
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Supply Voltage	100VAC-240VAC, 50/60hz, DC 53V/1.8A
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Total PoE Power Output	PoE: Max 25.5W for single port, 72W total
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Unit Dimensions (W x D x H)	12.9 x 9.6 x 2.1" / 328 x 245 x 53 mm
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Unit Weight	2.75 lbs. / 1.26 kg (excl. HDD)
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Operating Temperature	14° ~ 131°F / -10° ~ 50°C
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Humidity	10 ~ 90% RH
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# LOREX® Fusion 4K Network Video Recorder

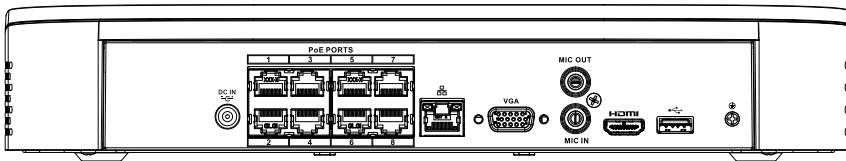
## Model Information

N845A82      16-channel Fusion 4K      6-95529-04521-4  
NVR with 2TB HDD

## Dimensions

Package                      Plain Box  
Package Weight            6.6lb / 2.99kg  
Package Dimensions       15.51 × 13.2 × 5.4" /  
(W × D × H)               394 × 335 × 137mm  
Package Cube               0.64cbf / 0.018cbm

## Back Panel



## What's in the box



1 × Fusion 4K  
NVR



1 × Ethernet cable



1 × Power Adapter



1 × HDMI Cable



1 × USB Mouse



Quick Setup Guide

### Disclaimers:

- 4K (8MP) IP cameras are required to take advantage of 4K recording.
  - Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
  - Lorex Fusion supports compatible Lorex wired cameras and Wi-Fi devices with sufficient signal strength between the Wi-Fi devices and your Wi-Fi router. All cameras must be connected to the same network. For full details on Wi-Fi cameras compatibility and instructions, visit [www.lorex.com/pages/fusion](http://www.lorex.com/pages/fusion)
  - 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, and instructions visit [www.lorex.com/smarthome](http://www.lorex.com/smarthome)
  - Compatible with certain Lorex IP and select wireless cameras only. For a list of compatible cameras please visit [www.lorex.com/compatibility](http://www.lorex.com/compatibility)
  - Accessing your security system remotely requires a high-speed Internet connection. Ensure your NVR has a wired connection to a router (not included). A minimum upload speed of 6Mbps is recommended for reasonable video performance.
  - HDMI output supports 4K 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 NVR, as well as TV/monitor resolution.
- \* Detection types need to be supported by the camera.

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