

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 Lorex Fusion 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® 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 ⁷ | 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 |
| Live Display Speed (Max) | 480fps NTSC/400fps PAL |
| 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 ⁶), 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 ⁵ |
| Wired/Wireless Fusion support | Yes ³ |
| Lorex Sensor Compatible | Yes ³ |

| | |
|--|------------------|
| Face Detection Support | Yes ⁵ |
| Mask Detection Support | Yes ⁵ |
| Package Detection (Missing Package and Package Left Behind): | Yes ⁵ |
| Smart Security Lighting™ Support | Yes ⁵ |
| Active Deterrence Support | Yes ⁵ |
| Active View Support | Yes ⁵ |
| Selectable Siren Support | Yes ⁵ |
| Panic Button | Yes ⁵ |
| Smart Search | Yes |

Smart Home⁴

| | |
|-------------------|---|
| 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™ client |
| Email Notification | Text and Snapshot |
| Network Interface | 10/100 Base-TX, RJ45 |
| Network Bit Rate | 80Mbps total, 48~8192kbps per camera |
| DDNS | Yes (Optional) |
| USB interface | USB 2.0 x 2 |

Additional Specifications

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

LOREX[®] Fusion 4K Network Video Recorder

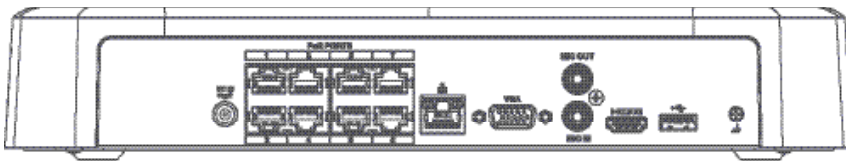
Model Information

N846A62 16-channel Fusion 4K 6-95529-04375-3
NVR with 2TB HDD

Dimensions

| | |
|-----------------------------------|---|
| Package | Plain Box |
| Package Weight | 6.1lb / 2.7kg |
| Package Dimensions (W × D × H) | 13.1 × 15.6 × 5.2" / 332 × 396 × 132mm |
| Package Cube | 0.65cbf / 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
 - 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
 - Compatible with certain Lorex IP and select wireless cameras only. For a list of compatible cameras please visit 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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