

LOREX[®]

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® 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 Outputs⁷ 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/Face⁶), Area Search

Storage

Hard Drive Bays 1 Bay

Hard Drive Capacity Up to 8TB (SATA)

Backup Media USB Flash Drive & USB HDD

Special Features



Lorex Home™



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

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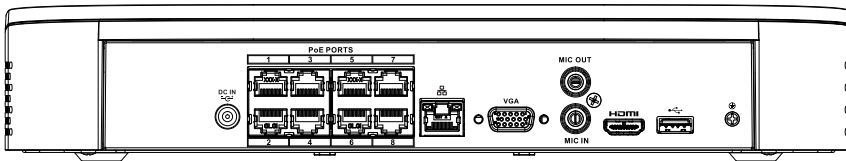
Model Information

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

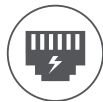
Back Panel



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
 - 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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N845 Fusion Series NVR
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(22-0070-LOR) 062752022-1