LOREX®

Fusion 4K Network Video Recorder

Product Specifications

General

Video Transmission Technology	IP
Channels	16 Channels / Lorex Fusion Wi-Fi

Inputs/Outputs

Video Input	8 x PoE, 8 x Lorex Fusion Wi-Fi
Video Outputs[7]	1 × VGA/1 × 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 8×
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]
Animal Detection	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 Home[4]

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 × 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 × D × 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

Model Information

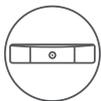|		
N847A62	16-Camera Capable (8 Wired + 8 Lorex Fusion Wi-Fi) Fusion 4K Wired NVR with 2TB HDD for North America	6-95529-05220-5
N847A62EU	16-Camera Capable (8 Wired + 8 Lorex Fusion Wi-Fi) Fusion 4K Wired NVR with 2TB HDD for Europe	6-95529-05594-7

Dimensions

Package	Plain Box
Package Weight	6.04lb / 2.72kg
Package Dimensions (W × D × H)	15.4 × 13.1 × 5.3" / 391 × 332 × 134mm
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:
1. 4K (8MP) IP cameras are required to take advantage of 4K recording.
2. Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
3. Lorex Fusion supports compatible Lorex wired cameras and Wi-Fi devices with sufficiente signal strengh 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
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, and instructions visit www.lorex.com/smarthome
5. Compatible with certain Lorex IP and select wireless cameras only. For a list of compatible cameras please visit www.lorex.com/compatibility
6. 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.
7. 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.