



# 4K+ Ultra HD 12MP Fusion 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 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
Live Display Speed (Max)	480fps NTSC/400fps PAL
OSD	On/Off
System Navigation	USB Mouse

### Recording

Recording Resolution	12MP (16:9) and 4K+ (11.3MP 16:9)
Recording Frame Rate	12MP (16:9) and 4K+(11.3MP 16:9)
Recording Schedule	Schedule recordings through Continuous, Motion, Smart Motion (Person, Vehicle and Face), Alarm, Day, Hour per channel
Back-up File Format	DAV/AVI/MP4
Video Compression	H.265/H.264

### Playback

Simultaneous Playback	Up to 4 channels, synchronized
Playback Speed	Variable Max x2, x4, x8, x16, 1 min, 5 min, 15 min and 30 min.
Search	By Time/Date, All Motion Events or Smart Motion (Person / Vehicle), Attribution (Person Clothes Color, Vehicle Color, Vehicle Number)

### Storage

Hard Drive Bays	1 Bay
Hard Drive Capacity	Up to 16TB (SATA)
Backup Media	USB Flash Drive & USB HDD

### Special Features

Smart Motion Detection Support	Yes for Person and Vehicle detection
Wired/Wireless Fusion support	Yes
Lorex Sensor (only) Compatible	Yes

Face Detection Support	Yes
Mask Detection Support	Yes
Package Detection (Missing Package and Package Left Behind):	Yes
Active Deterrence Support	Yes
Active Deterrence Support	Yes
Active View Support	Yes
Selectable Siren Support	Yes
Panic Button	Yes
Smart Search	Yes
Attribution Search (Person Clothes Color, Vehicle Color and Number)	Yes

### Smart Home

Voice Control	Amazon Alexa™, Google Assistant™
Streaming Options	Chromecast™, Amazon Echo Show™, Google Home Hub™
Matter	Yes

### 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

N910A62 16-channel 4K+ Fusion NVR with 2TB HDD 6-95529-05148-2

N910A61 16-channel 4K+ Fusion NVR with 1TB HDD 6-95520-5923-5

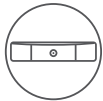
## Dimensions

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

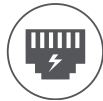
## Back Panel



## What's in the box



1 x 4K+ Fusion NVR



1 x Ethernet cable



1 x Power Adapter



1 x HDMI Cable



1 x 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.
  - Pre-recording is available only when using Motion Detection and can be viewed exclusively during local playback. This feature is not supported for Smart Motion Detection (SMD), continuous recording, or through the Lorex app or cloud services. The duration of the pre-recorded footage may vary based on the recorder available cache memory at the time the event was detected, up to a maximum time set by the user
- \* Detection types need to be supported by the camera.

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N910 Fusion Series NVR

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