# LOREX®

# 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[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 |
| 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 | 1 SATA port, up to 16 TB |
| 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 |
| Animal Detection | 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 × 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 |

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# 4K+ Ultra HD 12MP Fusion Network Video Recorder

## Model Information

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

## Dimensions

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

## Back Panel



## What's in the box



1 × 4K+ Fusion 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.

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