



# Lorex LNB8105X Security Camera User Manual

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**Lorex LNB8105X Security Camera**



## Introduction

### STOP CRIME BEFORE IT EVEN STARTS

Lorex Active Deterrence cameras offer a new level of security coverage for your home or business. Warn off would-be intruders with dual programmable LED lights, remote-triggered siren, and 2-way talk. The super wide angle viewing allows you to cover more area with a single camera.

## Package Contents

- 1 x 4K (8MP) IP Active Deterrence Security Camera,
- 1x Ceiling Mount / Tabletop Stand,
- 1x Wall Mount,
- 1x 60ft (18m) CAT5e In-Wall Rated UL Ethernet Cable,
- 1 x Mounting Kit, Quick Start Guide

## Features

- 4K (8MP) Ultra HD delivers four times the detail of 1080p 1 for the clearest visual evidence possible (resolution settings must be manually switched to 4K)
- Programmable dual motion-activated LED warning lights warn away would-be intruders
- Remote-triggered siren to discourage trespassing and alert others
- Advanced dual motion detection technology increases accuracy
- The latest H.265 compression technology reduces video file sizes by up to 50% to save valuable hard drive space
- Color Night Vision™ delivers full color nighttime video for improved recognition of people or objects in low light conditions 2
- IR night vision range up to 130ft (40m) in ambient lighting and 90ft (27m) in total darkness 3

- Smart IR for improved recognition of close-up objects or people in the dark
- True HDR gives you picture clarity and detail under high-contrast lighting conditions
- Super wide angle 128° field of view (diagonal)
- Built-in microphone and speaker for 2-way talk 4
- Includes two mounts for multiple indoor and outdoor mounting options
- Simple camera installation using a single CAT5e cable with Power over Ethernet (PoE)
- Weatherproof IP66 rated 5 and cold climate capability (-22°F / -30°C)
- Weatherproof Ethernet connector cover for a protective seal against the elements

### Additional Features

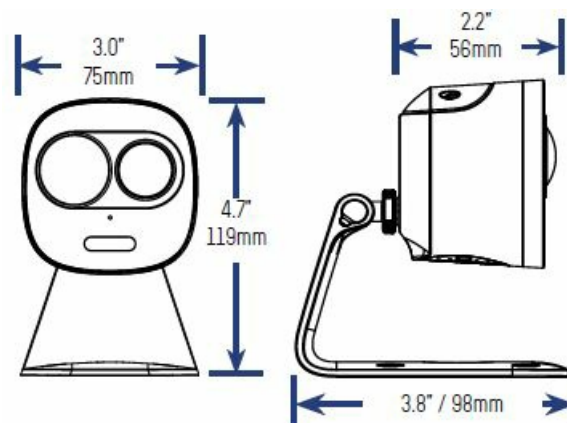
- 4K (8MP) Ultra High Definition
- 130/90 FT 40/27 M Night Vision
- 128° Field of view
- 2-Way Talk

### Product Information

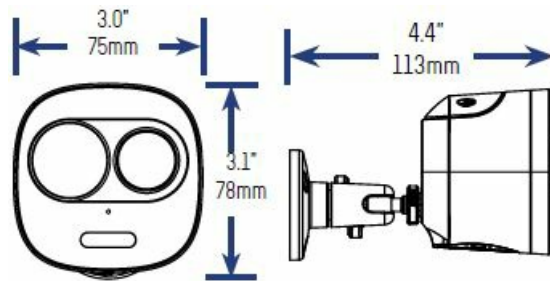
- **Model:** LNB8105X
- **Configuration:** 4K (8MP) IP Active Deterrence Security Camera
- **Package:** Giftbox
- **Package Dimensions:**
  - (W × D × H)
  - 11.7 × 5.7 × 4.6"
  - 296 × 145 × 118mm
- **Package Weight:** 2.8lbs / 1.2kg
- **Package Cube:** 0.17cbf / 0.004cbm
  - UPC 6-95529-01751-8

### Dimensions

#### Camera with Ceiling Mount / Table Top Stand



#### Camera with Wall Mount



## Disclaimers

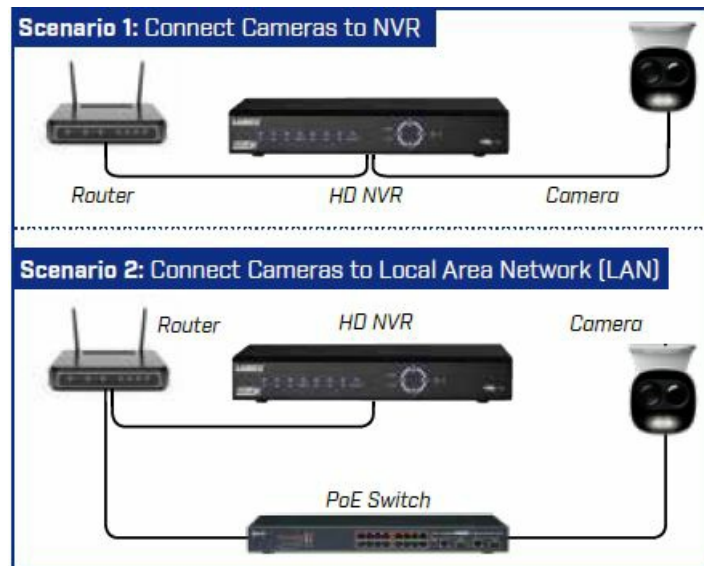
1. Default resolution settings must be manually changed to 4K (8MP) in order to record or view 4K video.  
Compatible with select Lorex LNR Series NVRs. For the most up-to-date list of compatible recorders, visit [www.lorex.com/compatibility](http://www.lorex.com/compatibility)
2. Full color nighttime video typically switches to black & white IR night vision below 1 lux to ensure optimal low-light image quality.
3. Stated IR illumination range is based on ideal conditions in typical outdoor night time ambient lighting and in total darkness. Actual range and image clarity depends on installation location, viewing area, and light reflection / absorption level of object. In low light, the camera will switch to black and white.
4. Audio recording is disabled by default. Audio recording without consent is illegal in certain jurisdictions. Lorex Technology does not assume liability for any use of its products that fails to conform with local laws.
5. Not intended for submersion in water. Installation in a sheltered location recommended.

## Specifications

- **Image Sensor:** 1/2.5" 8MP
- **Video Format:** NTSC / PAL
- **Effective Pixels:** H: 3840 V: 2160
- **Resolution:** 8MP (3840×2160) @ 15fps
- **Scan System:** Progressive
- **Sync System:** Internal
- **S/N Ratio:** 44dB (AGC Off)
- **Iris:** Fixed
- **AES Shutter Speed:** 1/3(4)~1/100,000 seconds
- **Min. Illumination:** 0.7 Lux without IR LED, 0 Lux with IR LED
- **Video Output:** IP
- **Audio:** Built-in Microphone & Speaker
- **Lens / Lens Type:** 2.8mm F2.0 / Fixed
- **Field of view (Diagonal):** 128°
- **Termination:** RJ45 Ethernet / 12V DC Power Barrel (optional)
- **IR LED Type:** 850nm
- **Night Vision Range:** 130ft (40m) / 90ft (27m)
- **Color Night Vision™:** Yes
- **Power Requirement:** PoE (Power over Ethernet) / 12V DC
- **Power Consumption:** Max. 600mA / 7.2W
- **Operating Temp. Range:** -22°F ~ 122°F / -30° ~ 50°C

- **Operating Humidity Range:** <95% RH
- **Environmental Rating:** IP66 (Indoor / Outdoor)
- **Dimensions (W × D × H) with Ceiling Mount/ Table Top Stand :** 3.0" × 3.8" × 4.7" / 75mm × 98mm × 119mm
- **Dimensions (W × D × H) with Wall Mount :** 3.0" × 4.4" × 3.1" / 75mm × 113mm × 78mm
- **Weight:** 1.4lbs / 0.64kg

## Setup Diagram



## Customers' Support

[www.lorex.com](http://www.lorex.com)

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As our product is subject to continuous improvement, Lorex Technology & subsidiaries reserve the right to modify product design, specifications & prices without notice and without incurring any obligation. E&OE.

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## FAQs

What is the Lorex LNB8105X Security Camera used for?

The Lorex LNB8105X Security Camera is recommended for communication purposes and can be used both indoors and outdoors for security monitoring.

What is the connectivity technology used by this camera?

This camera uses Ethernet connectivity technology.

What are the special features of the Lorex LNB8105X Security Camera?

The camera features Night Vision technology for low-light conditions and a Motion Sensor to detect movement.

Does this camera support Color Night Vision?

Yes, the Lorex LNB8105X camera uses Color Night Vision (CNV) technology, which allows it to produce full-color video even in low-light conditions, enhancing contrast for easier detection.

Does the Lorex LNB8105X camera have audio capabilities?

Yes, this camera is equipped with a built-in speaker and microphone, enabling two-way audio communication. You can communicate with others through the camera.

What is included in the package when purchasing this camera?

The package includes the IP bullet camera, a mounting kit, and a 60ft Ethernet cable for installation.

Is this camera compatible with specific Lorex series?

Yes, the Lorex LNB8105X camera is compatible with the following Lorex series: LNR600X, LNR6100X, N841, N861B, N842 Series.

What is the resolution and recording capability of this camera?

This camera has an 8MP image sensor capable of recording at a 4K pixel resolution of 3840 x 2160 at 15 frames-per-second (FPS).

How does the Active Deterrence feature work on this camera?

The Active Deterrence feature includes a bright customizable LED light and a remote-triggered siren. It is designed to deter potential intruders by activating the LED light, siren, or two-way audio through motion detection or remote access.

Can I customize the LED light and siren settings?

Yes, you can customize the LED light to be always on or triggered by motion. Additionally, you can set a strobe light setting and schedule when the deterrence LED should activate. The remote-triggered siren can also be used to stop trespassers by sending alerts to your smartphone for remote activation.

Can I access the camera remotely from my smartphone or computer?

Yes, the Lorex LNB8105X camera supports remote access. You can view live footage, playback recorded videos, and control camera settings through a mobile app or web interface on your smartphone or computer.

What is the range of the LED light and siren for deterrence purposes?

The LED light and siren on this camera are designed to be effective deterrents. While the exact range may vary depending on conditions, they are typically effective within a reasonable distance from the camera, helping to deter potential intruders.

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