

Package Contents

- 1080p MPX Wireless Security Camera
- Wireless Receiver
- Antennas (×2)*
- Power Adapters (×2)*
- Mounting Kits (×2)*
- Allen Key
- BNC Adapter

* One each for camera and receiver.

ATTENTION:

A REGULATED UL / CSA APPROVED power supply is REQUIRED for use with this camera (included). Use of a non-regulated, non-conforming power supply can damage this product and voids the warranty.

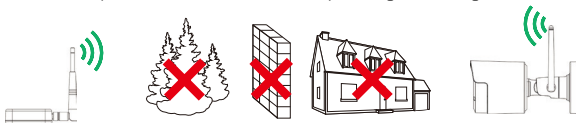
Safety Precautions

- Read this guide carefully and keep it for future reference.
- Follow all instructions for safe use of the product and handle with care.
- Use the camera within given temperature, humidity and voltage levels noted in the camera's specifications.
- Do not disassemble the camera.
- Do not point the camera directly towards the sun or a source of intense light.
- Use only the supplied regulated power supply provided with the product. Use of a non-regulated, non-conforming power supply can damage the product and void the warranty.
- Periodic cleaning may be required. Use a damp cloth only. Do not use any harsh, chemical-based cleaners.

Installation Tips

To ensure the best possible wireless performance, it is recommended to keep the following installation tips in mind when choosing a location for the camera:

- Ensure your camera is placed as close to your receiver as possible.
- Reduce the number of obstructive materials between the camera and the receiver. Concrete, brick, metal and wood are the most common materials in your house that can cause poor signal strength.



- The camera uses the 2.4GHz band exclusively. Most new routers support both 2.4GHz and 5GHz bands. It is recommended to use other WiFi-connected devices using the 5GHz band when possible to ensure the 2.4GHz band is not overcrowded.
- Other electronic devices such as microwaves, TVs, cordless phones, and baby monitors can cause signal interference. It is recommended to install the camera as far away from these devices as possible.



- Point the camera where there is the least amount of obstructions (i.e., tree branches).
- Install the camera where vandals cannot easily reach.
- This camera is rated for outdoor use. Installation in a sheltered location is recommended.

Resources

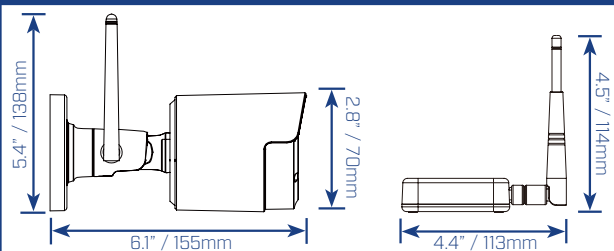


Need Help?

Visit us online for up-to-date software and complete instruction manuals

- 1 Visit lorex.com
- 2 Search for the model number of your product
- 3 Click on your product in the search results
- 4 Click on the **Downloads** tab

Dimensions



Disclaimers

- For a full list of compatible recorders, visit lorex.com/compatibility
- Not intended for submersion in water.
- This camera includes an Auto Mechanical IR Cut Filter. When the camera changes between Day/Night viewing modes, an audible clicking noise may be heard from the camera. This clicking is normal, and indicates that the camera filter is working.

LOREX[®]

1080p MPX Wireless Security Camera

Quick Start Guide
English Version 1.0



LW4211 SERIES

www.lorex.com

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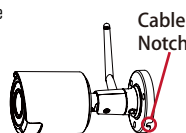
Installing the Camera

IMPORTANT:

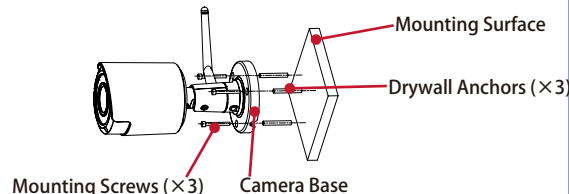
- Test your camera prior to selecting a permanent mounting location by temporarily connecting the camera and cable to your DVR.
- Ensure the camera is no more than 700ft (213m) away from the wireless receiver in an open field (with line of sight between antennas). The range is approximately 115ft (35m) or less in an indoor environment, depending if there are walls or obstructions between the camera and receiver.
- Review the 'Installation Tips' section before choosing a mounting location for the camera.

Before Installing the Camera

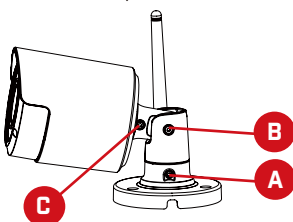
- Decide whether to run the cables through the wall / ceiling (drilling required) or along the wall / ceiling.
- If you run the cables along the wall / ceiling, you must run the cable through the **cable notch** on the base. This will keep the camera base flush to the surface when mounted.



To install your camera:



1. Use the included mounting template or camera base to mark holes for the included mounting screws. Drill holes where marked.
NOTE: Ensure one of the included antennas is properly attached to the camera.
2. Mount the camera to the mounting surface using the included mounting screws (x3).
NOTE: Use the included drywall anchors (x3) if installing into drywall.
3. Adjust the angle of the camera until the desired view is set. Tighten the screws to secure the camera position.
A. Use the included Allen key to loosen the adjustment screw on the camera base. Rotate the arm of the camera up to 360°, then tighten the screw.
B. Use the included Allen key to loosen the adjustment screw. Bend the arm of the camera up to 90°, then tighten the screw.
C. Use the included Allen key to loosen the adjustment screw furthest from the camera base. Rotate the camera until it is level with the viewing area, then tighten the screw.
4. Connect the camera power adapter to the camera cable. Connect the power adapter to a power outlet.
5. Remove protective film from the camera lens.



Setting Up the Receiver

Connecting the receiver directly to DVR:

1. Ensure one of the included antennas is properly attached to the receiver.
2. Connect the receiver's BNC cable to a compatible DVR's video input*.
3. Connect the receiver power adapter to the receiver. Connect the power adapter to a power outlet.
NOTE: Make sure to first connect and power on the camera before powering on the receiver.
4. (Optional) Use the included double-sided tape to securely attach the receiver to a flat surface.
(OR)
Secure the receiver to a flat surface using the included mounting screws.

Connecting the receiver to DVR using a BNC extension cable:



Receiver

Connect the male power head to the female power head on the receiver.

Connect the BNC connector on the extension cable to the included BNC adapter. Connect the adapter to the BNC connector on the receiver.

BNC Adapter

DVR

Connect the BNC connector to a video input on your DVR.

Connect the female power head to the included receiver power adapter.

* This camera is only compatible with select DVRs. For a full list of compatible recorders, visit lorex.com/compatibility.

** Not included. Compatible BNC extension cable available at lorex.com.

Pairing the Camera

The camera and receiver have already been paired out of the box. If for some reason the pairing is lost, follow these steps to pair the camera and receiver.

To pair the camera and receiver:

1. Make sure that the camera and receiver are both powered up and all antennas properly attached.
2. Press the pair button on the receiver (see **Figure 1**).
3. Press and hold the pair button on the back of the camera within 30 seconds of pressing the pair button on the receiver (see **Figure 2**). If successful, live video from the camera will appear on the monitor.

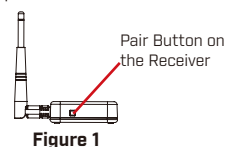


Figure 1

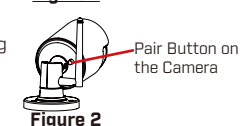


Figure 2

Installing Multiple Wireless Cameras



When installing multiple digital wireless security cameras in the same environment, maintain at least 4" / 10cm between the receivers to optimize camera performance.

NOTE: It is not recommended to install more than 3 digital wireless security cameras in the same environment to maintain optimal video frame rate performance.

Audio Settings

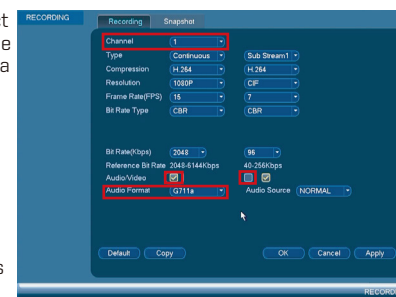
ATTENTION:

Audio recording without consent is illegal in certain jurisdictions. Lorex Corporation assumes no liability for use of its products that does not conform with local laws.

Audio is disabled by default. You can enable audio through a compatible Lorex DVR. For a full list of compatible recorders, visit lorex.com/compatibility

To enable camera audio on LHV / DV Series DVRs:

1. In Live View, right-click and click **Main Menu**. Enter the system user name and password.
2. Click and select **Recording > Recording**.
3. Under **Channel**, select the channel where the audio-capable camera is connected.
4. Under **Audio/Video**, check the box on the left to enable audio recording.
5. Under **Audio Format**, select the format that will be used to record audio. **G711a** is recommended.
6. Click **OK** to save changes.
7. (Optional) Under **Audio/Video**, check the middle box to enable audio when viewing cameras through the computer or mobile applications.



NOTE: These instructions are based on current DVR interface. For the most up-to-date instructions, see your DVR's instruction manual on lorex.com.



Caution:

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC & IC Radiation Exposure Statement:

This equipment complies with FCC and Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Déclaration d'IC sur l'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux radiations définies par le Canada pour des environnements non contrôlés. Cet équipement doit être installé et utilisé à une distance minimum de 20 cm entre l'antenne et votre corps.

Cet émetteur ne doit pas être installé au même endroit ni utilisé avec une autre antenne ou un autre émetteur.

