

Package Contents

- 4K Ultra HD Active Deterrence Security Camera
- Mounting Kit*
- BNC / Power Extension Cable*
- Power Adapter**

* Per camera in multi-camera packs.

** A multi-camera power adapter that provides power to multiple cameras or individual power adapters may be provided depending on product configuration.

ATTENTION:

A REGULATED UL / CSA APPROVED power supply is REQUIRED for use with this camera (included). **Only the included power adapter can be used.** 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.
- The supplied cable is rated for surface and in-wall mounting only. Cables for floor-to-floor installations are sold separately (CMR type). These and other cables are available at lorex.com.

Changing the DVR to 4K Resolution

The output resolution of a Lorex HD DVR is set to 1080p as a default. To view 4K resolution on a 4K monitor, the output resolution must be changed using the DVR menu.

To change the output resolution through a Lorex HD DVR:

1. Right-click on the Live View to access the Quick Menu.
2. Click **Main Menu** and then click the Setting icon [].
3. Click **Setting > Display**.
4. Click the **Display** tab.
5. In the **Resolution** drop-down menu, select **3840 x 2160**.
6. Click **Apply** to save and click **OK** to exit.

Installation Tips

- Point the camera where there is the least amount of obstructions (i.e., tree branches).
- Install the camera where vandals cannot easily reach.
- Secure cabling so that it is not exposed or easily cut.
- This camera is rated for outdoor use. Installation in a sheltered location is recommended.

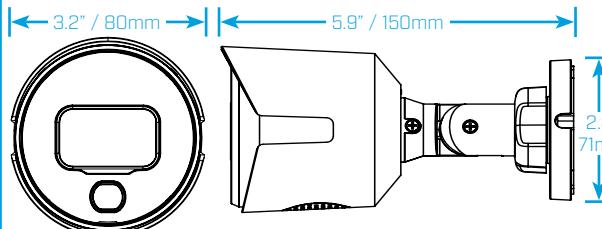
Disclaimers

- For a full list of compatible recorders, visit lorex.com/compatibility.
- Not intended for submersion in water. Installation in a sheltered location recommended.
- 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.

Troubleshooting

Problem	Solution
No picture / signal	<ul style="list-style-type: none">• Only use the approved power supply and 4K extension cables provided with camera.• Ensure that you have set the DVR to 4K output resolution. See 'Changing DVR to 4K Resolution' for details.• The cameras are only compatible with certain Lorex HD DVRs. For the full list of compatible recorders, visit lorex.com/compatibility.• Ensure your TV or monitor is on the correct input channel. Common terms for input channels: INPUT, AV CHANNEL, LINE1, LINE2, AUX.• Ensure your DVR is properly connected to your TV or monitor.• Ensure connections are properly connected.• Ensure the camera power supply is plugged in.• Ensure that you only use the included power cable.
Picture is too bright	<ul style="list-style-type: none">• Ensure your camera isn't pointed directly at a source of light (e.g., sun or spot light).• Check the brightness settings of the DVR and monitor.• Move your camera to a different location.
Picture is too dark	<ul style="list-style-type: none">• Check the brightness and contrast settings of the DVR and monitor.
Night vision is not working	<ul style="list-style-type: none">• Only use the approved power supply and 4K extension cables provided with camera.• The night vision activates when light levels drop. The area may have too much light.
Picture is not clear	<ul style="list-style-type: none">• Only use the approved power supply and 4K extension cables provided with camera.• Check the camera lens for dirt, dust, spiderwebs. Clean the lens with a soft, clean cloth.• Make sure that the cable run is within the limitations specified in the section 'Cable Extension Options'.
Bright spot in video when viewing camera at night	<ul style="list-style-type: none">• Night vision reflects when pointing a camera through a window. Move the camera to a different location.
The camera warning light is not switching on automatically	<ul style="list-style-type: none">• Ensure that you have enabled and configured white light deterrence using a compatible DVR. See your DVR's documentation for more information.• Ensure the active areas and schedule for white light deterrence are set properly. The default schedule for the warning light is night times (between 5PM and 7AM).
The camera siren is not switching on automatically	<ul style="list-style-type: none">• The camera siren cannot switch on automatically. You can control the camera siren manually using the Lorex Cloud app or a compatible DVR.

Dimensions



LOREX®

4K Ultra HD Active Deterrence Security Camera

Quick Start Guide English Version 3.0



LBV8541X / LBV8543X SERIES

www.lorex.com

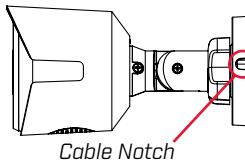
Installing the Camera

ATTENTION:

Test your camera prior to selecting a permanent mounting location by temporarily connecting the camera and cable to your DVR.

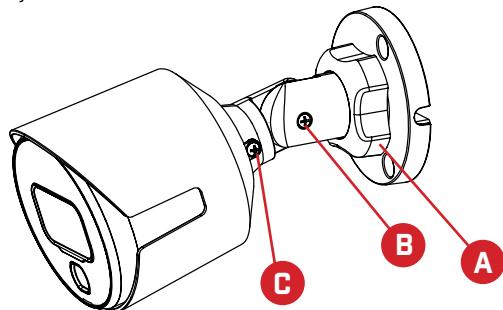
Before Installing the Camera

- 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:

- Set the camera in the desired mounting position and mark holes for screws through the camera base.
- Drill the holes, then feed the cable through the mounting surface or cable notch.
- NOTE:** Insert the included drywall anchors if you are mounting the camera onto drywall.
- Mount the camera stand to the mounting surface using the provided screws. Make sure all screws are fastened tightly.
- Adjust the camera as shown below:



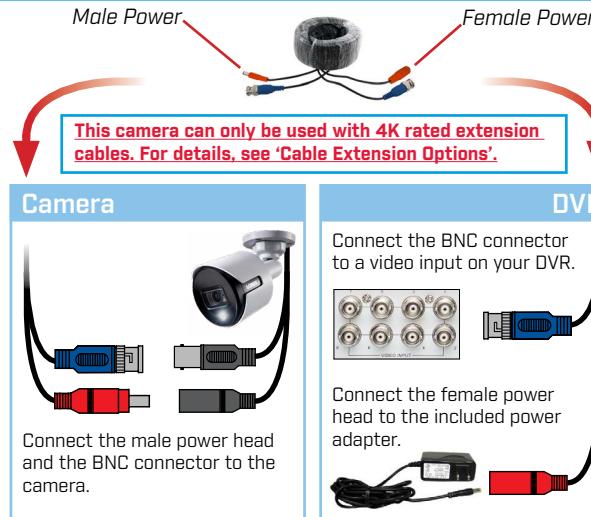
A. ROTATING THE ARM: Loosen the adjustment ring by turning it counter-clockwise. Rotate the arm of the camera up to 360°, then tighten the adjustment ring against the base.

B. BENDING THE ARM: Use a Phillips head screwdriver (not included) to loosen the adjustment screw closest to the camera base. Bend the arm of the camera up to 90°, then tighten the screw.

C. LEVELING THE CAMERA: Use the screwdriver 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.

- Remove the vinyl film from the camera lens when your installation is complete.

Connecting the Camera



Power Adapter Types

A multi-camera power adapter that provides power to multiple cameras or individual power adapters may be provided, depending on product configuration.

Individual Power Adapter*

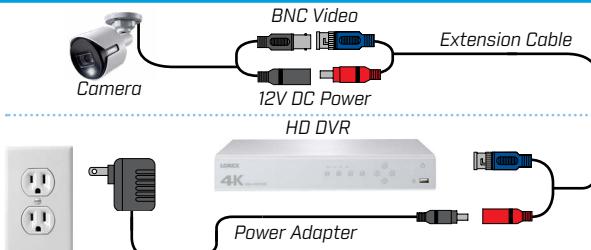


Multi-Camera Power Adapter*



* Only the included power adapter can be used. Images for representation only.

Setup Diagram



Cable Extension Options

Extend the cable run for your camera depending on the cable type used. Additional extension cables sold separately. See table below:

Option	Model Number	Cable Length
1	CB120URB1A	120ft (37m)
2	CB250URB1A	250ft (76m)

Notes:

- The extension cable must be a single stretch of cable between the DVR and camera. You cannot connect multiple extension cables to each other.
- Indicators that your cable run may be too long:
 - Camera loses video when switching to night vision.
 - Video is permanently black & white (even during day time).
 - Video is unclear, soft, or distorted.
- For more information on extension cables, visit lorex.com.

Activating Deterrence

The camera's deterrence features deter suspicious activities from occurring by flashing a warning light and/or sounding a siren from the camera. You can manually control these features using the Lorex Cloud app.

NOTES:

- See your DVR's documentation for more information about enabling and automating deterrence features using a compatible DVR.
- For a full list of compatible recorders, visit lorex.com/compatibility.

REQUIREMENTS:

- Connect the camera to a compatible DVR. See 'Connecting the Camera' section for more information.
- Ensure the compatible DVR is set up remotely via the Lorex Cloud app. See your DVR's documentation for more information.

To activate deterrence manually through the Lorex Cloud app:

- From live view, double-tap the deterrence camera to open the channel in full screen.
- Tap the deterrence icons on the camera display to switch on/off the following deterrence features:
 - Tap the icon to switch on (ⓘ) / off (ⓘ) the camera warning light.
 - Tap the icon to switch on (ⓘ) / off (ⓘ) the camera siren.

NOTE: The camera warning light / siren will automatically switch off after 10 seconds.

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