

Package Contents

- 4K HD MPX Bullet Security Camera with Audio
- 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 any other 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 mounting only (CM type). Cables for in-wall and floor-to-floor installations are sold separately (CMR type). These and other cables are available at lorex.com.

Enabling Camera Audio

ATTENTION:

Audio is disabled by default. Audio recording and / or use of listen-in audio without consent is illegal in certain jurisdictions. Lorex Corporation assumes no liability for use of its products that does not conform with local laws.

To enable audio recording through a Lorex HD DVR:

1. In the Live View, right-click and click Main Menu. Enter the system user name (default: **admin**) and DVR 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.

To enable listen-in audio through a Lorex HD DVR:

NOTE: Listen-in audio requires a monitor with speakers or speakers connected to the DVR.

1. In Live View, double-click the camera channel to open in full-screen.
2. Hover near the top of the channel where the camera is connected and click to unmute  / mute  listen-in audio.

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.

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



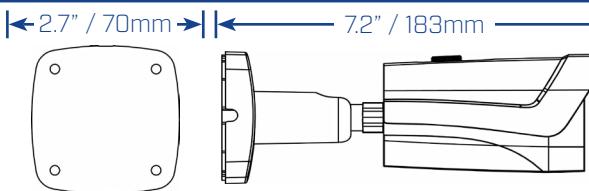
LOREX®

4K ULTRA HD MPX Bullet Security Camera with Audio

Quick Start Guide English Version 3.0



Dimensions



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.

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 **3840x2160**.
6. Click **Apply** to save and click **OK** to exit.

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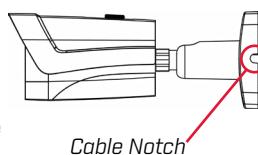
Installing the Camera

ATTENTION:

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

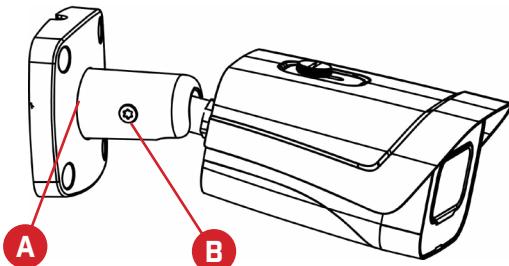
Before Installing the Camera

- 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: Rotate the arm until you hear an audible click. Each rotation or click locks the arm into that position. The arm of the camera can be rotated up to 360°.

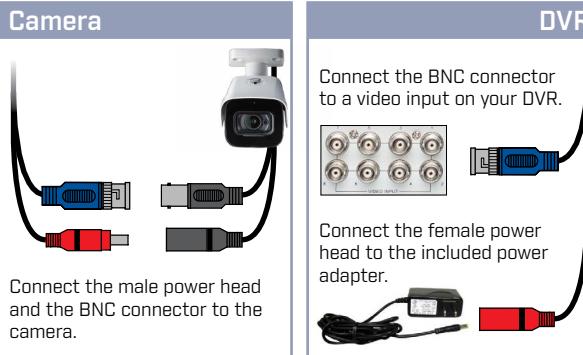
B. BENDING THE ARM AND LEVELING THE CAMERA: Use a Phillips head screwdriver (not included) to loosen the adjustment screw. Bend the arm of the camera up to 90°, and rotate the camera until it is level with the viewing area, then tighten the screw.

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

Connecting the Camera



This camera can only be used with 4K rated extension cables. For details, see 'Cable Extension Options'.



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*

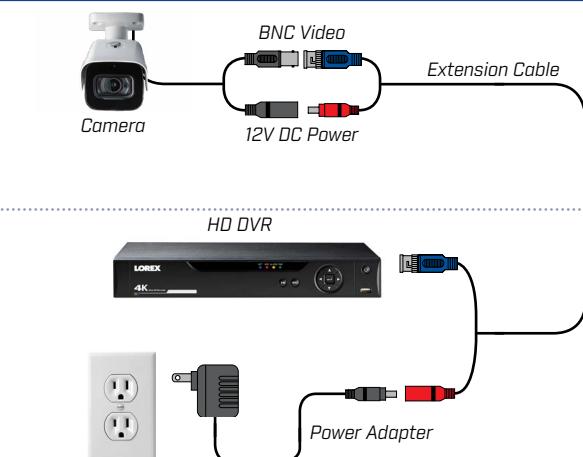


Multi-Camera Power Adapter*



* 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.

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 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.
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'.Remove the vinyl film from the camera lens when your installation is complete.
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.
No audio	<ul style="list-style-type: none">Audio is only supported on Lorex HD DVRs. For a list of compatible recorders, visit lorex.com/compatibility.Ensure DVR volume is turned on / turned up.Ensure audio function on camera is turned on (see 'Enabling Camera Audio').Ensure audio is turned up on viewing device.Ensure that your monitor has built-in speakers. Otherwise, use the RCA output on your DVR to connect external speakers.