

## Package Contents

- 1080p MPX Bullet 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). 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 mounting only. Cables for in-wall and floor-to-floor installations are sold separately (CMR type). These and other cables are available at [lorex.com](http://lorex.com)

## 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.

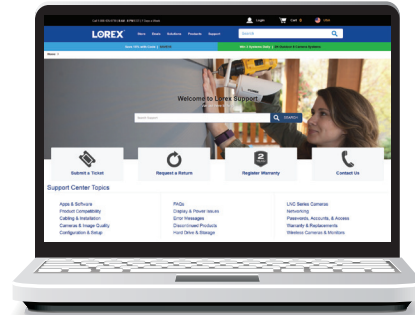
## Disclaimers

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

## Resources

### Need Help?

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



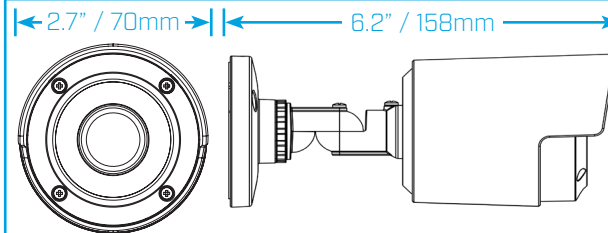
1 Visit [lorex.com](http://lorex.com)

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



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# LOREX<sup>®</sup>

## 1080p MPX Bullet Security Camera

### Quick Start Guide English Version 1.0



## LBV2531U SERIES

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

LBV2531U\_QSG\_EN\_R1

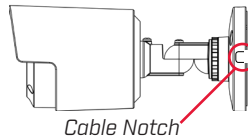
## Installing the Camera

### 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.



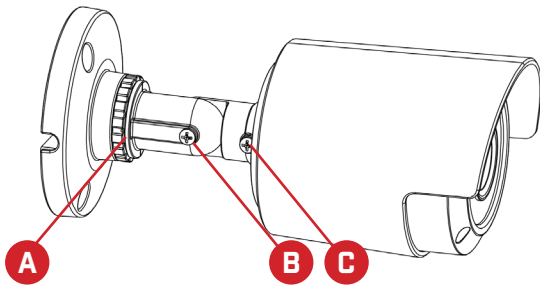
### To install your camera:

- 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.

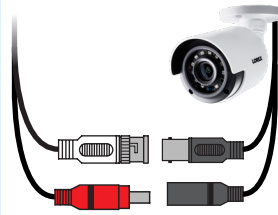
### ATTENTION:

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.

## Connecting the Camera



### Camera

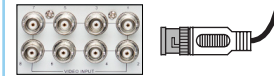


Connect the male power head and the BNC connector to the camera.

\* Images for representation only.

### DVR

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



Connect the female power head to the included power adapter.



## 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\*

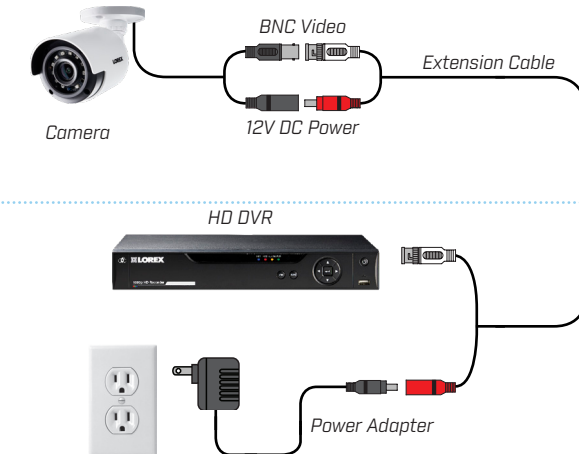


### Multi-Camera Power Adapter\*



\* 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	Cable Type	Max Cable Run Distance
1	BNC cable included with the camera	60ft (18m)
2	'RG59' or 'Coax' or 'Coaxial BNC' Siamese (Video and Power)	300ft (92m)
3	'RG59' or 'Coax' or 'Coaxial BNC' (Video Only) <sup>2</sup>	800ft (242m)

### 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.
- For cable runs above 300ft / 92m (option 3), you must connect the power adapter directly to the camera, rather than at the end of the extension cable.
- 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](http://lorex.com)

## Troubleshooting

Problem	Solution
No picture / signal	<ul style="list-style-type: none"> <li>The cameras are only compatible with certain Lorex HD DVRs. For the full list of compatible recorders, visit <a href="http://lorex.com/compatibility">lorex.com/compatibility</a></li> <li>Ensure your TV or monitor is on the correct input channel. Common terms for input channels: INPUT, AV CHANNEL, LINE1, LINE2, AUX.</li> <li>Ensure your DVR is properly connected to your TV or monitor.</li> <li>Ensure connections are properly connected.</li> <li>Ensure the camera power supply is plugged in.</li> <li>Ensure that you only use the included power cable.</li> </ul>
Picture is too bright	<ul style="list-style-type: none"> <li>Ensure your camera isn't pointed directly at a source of light (e.g., sun or spot light).</li> <li>Check the brightness settings of the DVR and monitor.</li> <li>Move your camera to a different location.</li> </ul>
Picture is too dark	<ul style="list-style-type: none"> <li>Check the brightness and contrast settings of the DVR and monitor.</li> </ul>
Night vision is not working	<ul style="list-style-type: none"> <li>The night vision activates when light levels drop. The area may have too much light.</li> </ul>
Picture is not clear	<ul style="list-style-type: none"> <li>Check the camera lens for dirt, dust, spiderwebs. Clean the lens with a soft, clean cloth.</li> <li>Make sure that the cable run is within the limitations specified in the section 'Cable Extension Options'.</li> </ul>
Bright spot in video when viewing camera at night	<ul style="list-style-type: none"> <li>Night vision reflects when pointing a camera through a window. Move the camera to a different location.</li> </ul>