**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.

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

**Troubleshooting**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No picture / signal</td>
<td>• Only use the approved power supply and 4K extension cables provided with camera.</td>
</tr>
<tr>
<td>Picture is too bright</td>
<td>• Ensure your camera isn’t pointed directly at a source of light (e.g., sun or spot light)</td>
</tr>
<tr>
<td>Night vision is not working</td>
<td>• Only use the approved power supply and 4K extension cables provided with camera.</td>
</tr>
<tr>
<td>Bright spot in video</td>
<td>• Night vision reflects when pointing a camera through a window. Move the camera to a different location.</td>
</tr>
<tr>
<td>The camera warning light</td>
<td>• Ensure that you have enabled and configured white light deterrence using a compatible DVR. See your DVR’s documentation for more information.</td>
</tr>
<tr>
<td>The camera siren is not</td>
<td>• The camera siren cannot switch on automatically. You can control the camera siren manually using the Lorex Cloud app or a compatible DVR.</td>
</tr>
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**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).
- 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.

**Dimensions**

- 5.9” / 150mm
- 2.6” / 71mm
- 3.2” / 80mm

**Troubleshooting**

- 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.

**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.

**Troubleshooting**

- Ensure that the camera siren cannot switch on automatically.
- Check the brightness and contrast settings of the DVR and monitor.
- Move your camera to a different location.
- Ensure that the active areas and schedule for white light deterrence are set properly. The default schedule for the warning light is night times (between SPM and 7AM).
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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**

Camera DVR

- BNC Video
- 12V DC Power
- HD DVR
- Extension Cable
- Power Adapter

**Cable Extension Options**

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

<table>
<thead>
<tr>
<th>Option</th>
<th>Model Number</th>
<th>Cable Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CB120URB1A</td>
<td>120ft [37m]</td>
</tr>
<tr>
<td>2</td>
<td>CB250URB1A</td>
<td>250ft [76m]</td>
</tr>
</tbody>
</table>

**Notes:**

1. The extension cable must be a single stretch of cable between the DVR and camera. You cannot connect multiple extension cables to each other.
2. 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.
3. 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:

1. From live view, double-tap the deterrence camera to open the channel in full screen.
2. 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

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