Quick Start Guide

Package Contents

• 4K IP Active Deterrence Security Camera
• Ceiling Mount / Table Top Stand* 
• Wall Mount* 
• Mounting Kit* 
• Ethernet Extension Cable with Pre-attached RJ45 Cable Gland* 
• Security Camera

Dimensions

Camera with Ceiling Mount / Table Top Stand

Camera with Wall Mount

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. 
• 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

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. 
• This camera is rated for outdoor use. Installation in a sheltered location is recommended. 
• The 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.

Using the RJ45 Cable Gland (Optional)

The RJ45 cable gland covers the camera’s Ethernet connector and the RJ45 plug to provide weather-resistance and protection from dust, dirt and other environmental contaminants. The RJ45 cable gland is pre-attached to the included Ethernet extension cable. To use the RJ45 cable gland: 

Twist the RJ45 cable gland barrel securely onto the camera Ethernet connector. 

NOTE: The RJ45 cable gland is weather-resistant. Seal the cap with silicone and/or electrical tape for additional sealing if it will be exposed to precipitation regularly.

Installing the Camera

ATTENTION:

Before Installing the Camera

• Decide whether to run the cables through the wall (drilling required) or along the wall. 
• (Optional) If you run the cables along the wall, use the included cable guides with the cable guide screws and optional drywall anchors as needed (see Figure 1).

Ceiling mount / table top stand installation:

For ceiling installation:

NOTES:

• You may choose to use the included wall mount for ceiling installation. Using the wall mount for ceiling installation will provide more side-to-side angle adjustment but has limited up/down adjustment. Prior to installation, ensure you test the camera view to see which installation is the most appropriate based on your desired camera viewing area. See ‘Wall mount installation’ for more information. 
• If the camera comes pre-attached with the ceiling mount/table top stand, detach it from the camera.

1. Remove the pre-inserted silicon plugs (4×) from the base (see Figure 2). 
2. Set the ceiling mount in the desired mounting position and mark holes for screws and cables through the mounting base (or use the included mounting template). 
NOTE: Adjusting the angle of the camera is limited with this installation. Ensure you angle the ceiling mount towards the desired viewing area. 
3. Drill holes where marked. If required, insert the included drywall anchors (4×). 
4. Mount the ceiling mount to the mounting surface using the provided screws (4×). Make sure all screws are fastened tightly. 
5. With the adjustment ring securely fastened to the bolt on the ceiling mount, screw the camera onto the ceiling mount (see Figure 3). 
6. Twist the camera onto the ceiling mount until the camera is level, then tighten the adjustment ring. 
7. Angle the camera up-and-down as needed. Remove the pre-inserted silicon plug on the side of the ceiling mount and tighten the screw using a Phillips screwdriver. Replace the silicon plug (see Figure 4).

For table top:

1. With the adjustment ring securely fastened to the bolt on the table top stand, screw the camera onto the table top stand (see Figure 5). 
NOTE: Skip this step if your camera has the ceiling mount/table top stand pre-attached. 
2. Connect cables as shown in the section ‘Connecting the Camera’. 

Wall mount installation:

 Decide whether to run the cables through the wall (drilling required) or along the wall. Select one of the installation methods below based on cable run method. 

NOTE: If the camera comes pre-attached with the ceiling mount/table top stand, unscrew the camera from the ceiling mount/table top stand before following the steps below.

Installing the cables along the wall

1. Set the wall mount base in the desired mounting position and mark holes for screws through the mounting base (or use the included mounting template). 
2. Drill the holes for the mounting base (or use the included mounting template). 
3. Mount the camera to the mounting surface using the provided screws (3×). Make sure all screws are fastened tightly. 
4. With the adjustment ring securely fastened to the bolt on the wall mount, screw the camera onto the wall mount. 
5. Connect cables as shown in the section ‘Connecting the Camera’. 
6. Loosen the adjustment knob on the wall mount base by turning it counter-clockwise. Adjust the angle of the camera as needed (see Figure 7). 
7. Tighten the adjustment knob when finished. 
NOTE: [Optional] Use the included cable guides as needed to run the cables along the wall. See ‘Before installing the camera’ for more information.

Running the cables through the wall

1. With the adjustment ring securely fastened to the bolt on the wall mount, screw the camera onto the wall mount. 
2. Set the wall mount base in the desired mounting position and mark holes for screws through the mounting base (or use the included mounting template). 
3. Drill the holes for the screws and a hole for the cables. Insert the included drywall anchors (3×) if you are mounting the camera onto drywall. 
4. Connect cables as shown in the section ‘Connecting the Camera’. 
5. Feed the camera cable through the cable notch and the mounting surface (see Figure 6). 
6. Mount the camera to the mounting surface using the provided screws (3×). Make sure all screws are fastened tightly. 
7. Loosen the adjustment knob on the wall mount base by turning it counter-clockwise. Adjust the angle of the camera as needed (see Figure 7). 
8. Tighten the adjustment knob when finished.
To enable audio recording and listen-in audio through a Lorex NVR:

1. From Live View, right-click and click Main Menu. Enter the system user name (default: admin) and password.
2. Click Audio and select Recording > Recording.
3. Under Channel, select the channel where the associated camera is connected.
4. Under Audio/Video, click the check box on the left to enable audio recording and listen-in audio.
   - Note: Listen-in audio requires a monitor with speakers or speakers connected to the NVR.

To enable automatic deterrence through the Lorex Cloud app:

1. From live view, tap and select the camera to open the channel in full screen.
2. Tap the following icons on the camera display to enable/disable the feature:
   - Tap the channel to open the channel in full screen.
   - Tap to activate deterrence manually through the Lorex Cloud app.
   - Tap to view/hide advanced deterrence configuration options.
   - Tap Schedule to set a schedule where the warning light will automatically turn on.

   **NOTE:** The default schedule is active during the night, between 5pm and 7am.
3. Tap Area Setting to set the active area for automatic deterrence. The camera image appears with a grid of red boxes over top. The red area is the active area for deterrence.
4. Tap the channel of the deterrence camera to configure. Do the following (see Figure 2):
   - Tap to enable/disable automaticarming warning light.
   - Tap to view/hide advanced deterrence configuration options.

**Requirements:**
- Connect the camera to a compatible NVR. See ‘Connect Cameras to NVR’ section for more information.
- Ensure the camera is set up remotely via the Lorex Cloud app. See your NVR's documentation for more information.

Troubleshooting:

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
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</thead>
<tbody>
<tr>
<td>Picture is too dark</td>
<td>Click the brightness and contrast settings on the NVR.</td>
</tr>
<tr>
<td>Night vision is not working</td>
<td>The night vision activates when light levels drop. The area may have too much light.</td>
</tr>
<tr>
<td>Picture is not clear</td>
<td>Check the camera lens for dirt, dust, spider webs. Clean the lens with a soft, clean cloth.</td>
</tr>
<tr>
<td>Audio is not working</td>
<td>Make sure that the cable run is within the limitations specified in the section ‘Cable Extension Options’.</td>
</tr>
<tr>
<td>Bright spot in video when viewing camera at night</td>
<td>Move the camera to a different location.</td>
</tr>
<tr>
<td>The camera warning light is not switching on automatically</td>
<td>Ensure that you have enabled and configured white light deterrence using a compatible NVR. See your NVR's documentation for more information.</td>
</tr>
<tr>
<td>The camera warning light is not switching on automatically</td>
<td>Ensure the active areas and schedule for white light deterrence are set properly. The default schedule for the warning light is 5AM (between 5PM and 7AM).</td>
</tr>
<tr>
<td>The camera siren is not switching on automatically</td>
<td>The camera siren cannot switch on automatically. You can configure the camera siren manually using the Lorex Cloud app or a compatible NVR.</td>
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Disclaimers:
- For a full list of compatible recorders, visit lorex.com/compatibility.
- Not intended for submission 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.