Package Contents

- HD IP Dome Security Camera with Audio
- Mounting Kit*
- Ethernet Extension Cable with Pre-attached RJ45 Cable Gland*
- Allen Key*
- Wall Mount*

* Per camera in multi-camera packs.

ATTENTION:

It is recommended to connect the camera to the NVR or an external PoE switch. If using a DC power adapter (not included) with the camera, a regulated power supply is REQUIRED for use with this camera. Use of a non-regulated, non-conforming power supply can damage this product and voids the warranty.

Cable Extension Options

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

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<tr>
<th>Cable Type</th>
<th>Max Cable Run Distance</th>
<th>Max # of Extensions</th>
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<tbody>
<tr>
<td>CAT5e (or higher) Ethernet cable</td>
<td>300ft (92m)</td>
<td>3</td>
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- You can use a RJ45 coupler or switch (not included) to connect male ends of Ethernet cable together.
- To extend the cable run beyond 300ft (92m), a switch will be required (sold separately).

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.

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.

Dimensions

<table>
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<th>2.0” 50mm</th>
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<tr>
<td>1.4” 36mm</td>
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<tr>
<td>4.0” 106mm</td>
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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

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.

Resources

Need Help?

Visit lorex.com

Search for the model number of your product

Click on your product in the search results

Click on the Downloads tab

Need Help?

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

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www.lorex.com
Installing the Camera

Before Installing the Camera

- Ensure the camera is connected to a compatible NVR. For full audio, your Lorex HD NVR must be used.
- Audio is only supported on Lorex HD NVRs.

To reset the camera:

1. Press the reset button for five (5) seconds.
2. The camera will power down.

Connecting the Camera

Connect the Ethernet cable to your NVR.

To install your camera:

1. Remove the dome cover. Make sure the camera is powered on.
2. Use the included mounting template to mark holes for the mounting screws.
3. Drill the holes and then feed the cable through the mounting surface or cable notch.
4. Connect cables as shown in the section “Connecting the Camera”.
5. Mount the camera base to the surface using the provided mounting screws. Make sure all screws are fastened tightly.
6. Use a Phillips head screwdriver (not included) to loosen the lens module adjustment screw. Do not loosen all the way.
7. Adjust the angle of the camera as needed.
8. Tighten the adjustment screw when finished.
9. Cover the camera base with the camera cover.
10. Tighten the screws on either side of the camera cover using the included Allen key.

Troubleshooting

No picture / signal
- Ensure the camera is connected to a compatible NVR.
- The camera may take up to 5 minutes to power up after being connected to the NVR. Wait two minutes before following the steps below.
- Ensure the camera is connected to your NVR or to your local network.
- If you are not using PoE, you must connect the camera to a 12V DC power adapter (not included).
- If the camera is connected to the LAN, you must search your network for cameras using the NVR. See the NVR’s instruction manual.

Picture is too bright
- Ensure your camera isn’t pointed directly at a source of light (e.g., sun or spot light).
- Move your camera to a different location.
- Check the brightness and contrast settings on the NVR.

Picture is too dark
- Check the brightness and contrast settings on the NVR.
- The night vision activates when light levels drop. The area may have too much light.

Picture is not clear
- Check the camera lens for dirt, dust, spiderwebs. Clean the lens with a soft, clean cloth.
- Ensure your NVR is properly connected to a TV/monitor.
- If you are not using PoE, you must connect the camera to a 12V DC power adapter (not included).
- If the camera is connected to the LAN, you must search your network for cameras using the NVR. See the NVR’s instruction manual.

Troubleshooting

Enabling Camera Audio

To enable listen-in audio through a Lorex HD 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 ( ) and DVR password.
3. Enter your DVR password.
4. Click ( ) to save changes.

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Troubleshooting

No audio
- Audio is only supported on Lorex HD NVRs. For a list of compatible recorders, visit lorex.com/compatibility.
- Ensure NVR 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.