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

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 cameras within given temperature, humidity and voltage levels noted in the camera’s specifications.
- Do not disassemble the cameras.
- Do not point the cameras directly towards the sun or a source of intense light.
- Use only the supplied regulated power supply. Use of a non-regulated, non-conforming power supply can damage this product and voids the warranty.
- Periodic cleaning may be required. Use a damp cloth only. Do not use harsh cleaners or aerosol cleaners.

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.

Dimensions

1.4" 36mm
2.0" 50mm
4.0" 106mm

Disclaimers

- Compatible with Lorex HD DVRs and standard analog DVRs. For a complete list of compatible recorders, visit lorex.com/compatibility
- Not intended for submersion in water. Installation in a sheltered location recommended.
- Audio and OSD menu functions are only supported on Lorex HD DVRs.
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.
- If you run the cables through 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:

1. To separate the camera cover from the camera base, loosen the screws on either side of the camera cover.
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.
   NOTE: Insert the included drywall anchors if installing the camera in drywall.
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 Philips 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:
   A) Turn the lens holder up to 45°
   B) Tilt the lens module up to 90°
   C) Rotate the lens module 360°
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.

Connecting the Camera

Mole Power
Female Power

For optional connection to standard analog DVRs

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

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

Connect the female power head to the included power adapter.

Disabling Camera Audio

ATTENTION:
Audio recording without consent is illegal in certain jurisdictions. Lorex Corporation assumes no liability for use of its products that does not conform with local laws.

Audio is enabled by default. To disable camera audio through a Lorex HD DVR:
1. In Live View, double-click the camera channel to open in full-screen.
2. Right-click and then click PAN/TILT/ZOOM. Enter the system user name and password if prompted. The PTZ menu opens.
   NOTE: If prompted, set the control mode and protocol for the channel.
3. Click the arrow in the PTZ control window to show advanced controls.
4. Click \ in Menu Operation, click Enter. The OSD menu appears over the camera image.
5. Select the Advanced menu using the on-screen controls.
6. Select the Audio mode option and choose OFF.
7. Click Enter.
   NOTE: These instructions are based on current Lorex HD DVR interface. If you are not able to access your DVR’s OSD menu by following these steps, please use the instructions in your DVR manual instead.

Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
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<tbody>
<tr>
<td>No picture / signal</td>
<td>• Ensure you have used the correct BNC connector for your DVR. Use the camera’s black BNC connector when connecting to Lorex HD DVRs, and the yellow connector for standard analog DVRs. • Ensure connections are properly connected. • Ensure the camera power supply is plugged in.</td>
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<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). • Move your camera to a different location.</td>
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<td>Picture is too dark</td>
<td>• Check the brightness and contrast settings of the DVR or monitor.</td>
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<td>Night vision is not working</td>
<td>• The night vision activates when light levels drop. The area may have too much light.</td>
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<td>Picture is not clear</td>
<td>• 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’.</td>
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<td>Bright spot in video when viewing camera at night</td>
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Cable Extension Options

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

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<th>Option</th>
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<th>Max Cable Run Distance</th>
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<td>Lorex model MCBL-09BNCU / MCBL-09BNCU2 BNC Cable (included with camera)</td>
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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. 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.
3. Indicators that your cable run may be too long:
   • Video is permanently black & white (even during day time)
   • Video is unclear, soft, or distorted
4. For more information on extension cables, visit lorex.com

Setup Diagram

Camera

HD DVR

Power Adapter

12V DC Power

BNC Video

Extension Cable

Optional

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