

DB14 LPR Bullet Cameras

Quick Start Guide



The Eagle Eye DB14 is a 4 Megapixel dedicated low/medium speed LPR bullet camera. The DB14 is the recommended camera for LPR applications. It has a large 1/1.8 inch sensor to provide better sensitivity in varying conditions with different brightness levels and is pre-configured to securely operate with the Eagle Eye Cloud VMS. Follow the instructions in this guide to correctly install the camera and add it to the Eagle Eye Cloud VMS.



STOP

Refer to **Eagle Eye Application Note 033—Camera Installation Considerations for LPR/ANPR** before installing the DB14 Camera. It is intended for installers and technicians who will be performing LPR camera installations in conjunction with the Eagle Eye Cloud VMS for best practices in regard to camera specifications and placement.

If using additional mounting hardware (a backbox or pendant cap and wall arm), prepare and mount the hardware to the surface).

Note: If installing the camera outdoors, use weatherproof grommets (included in the accessory package).

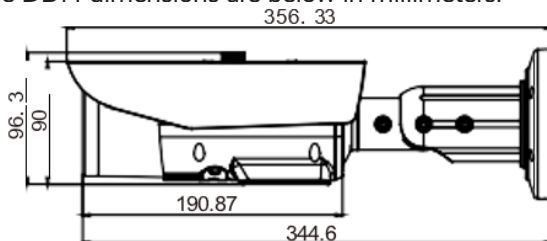
1 Check the Package Contents

Open the package and check the product for obvious damage. Confirm that all items in the packing list are included in the box.

PACKING LIST

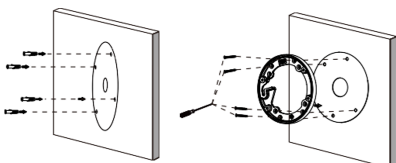
- DB14 Camera
- Mounting Accessories Package
- Card with QR link to this Quick Start Guide
- Installation Template Sticker

The DB14 dimensions are below in millimeters.



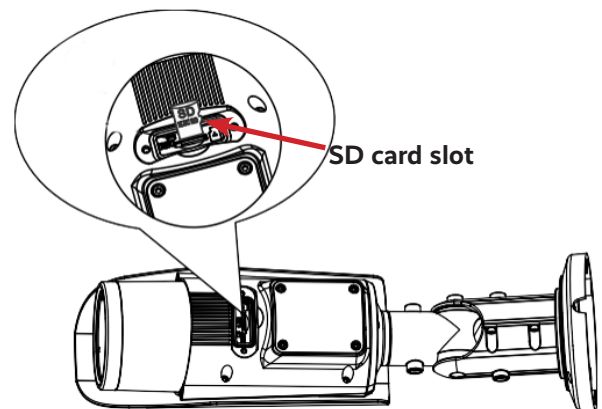
2 Prepare the Installation Site

Attach the hole-pattern template sticker to the wall or ceiling where you want to install the camera. Drill four holes in the wall or ceiling as indicated on the sticker, and then remove the template. Use the stainless self-tapping screws to secure the base onto the ceiling or wall.



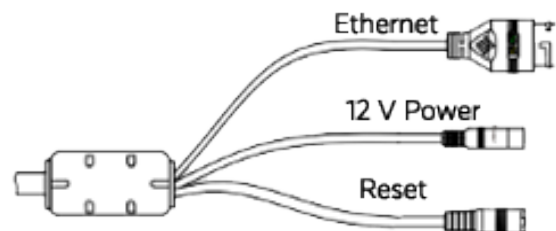
3 Install an SD Card (Camera Direct)

If you are using Camera Direct, install an SD card in the SD card slot on the bottom of the camera.



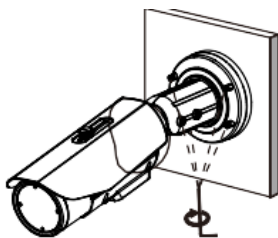
4 Connect the Camera to a Power Supply

Attach an Ethernet cable to connect the camera to a network switch. If the switch does not provide power over Ethernet (PoE), attach 12V power to the 12V power connector.



5 Attach the Camera

Mount the camera on the slot of the base using screws at the bottom of the camera. Align the installation holes at the bottom of the camera with the screw holes on the base and fix the camera on the base.



6 Add the Camera to the Cloud VMS

We recommend using the Eagle Eye Viewer mobile application to add the camera to your Cloud VMS account.

To add the camera through the Eagle Eye Viewer app:

- Navigate to the **Dashboard** and click the plus icon in the top right.
- To add the camera to a bridge or CMVR:
 - Select **Add Camera**.
 - Choose the camera you just connected from the list of **Available Cameras**. Select the bridge or CMVR where you want to add the camera.
 - Name the camera and choose **Save**.
- To add the camera directly to the cloud:
 - Select **Add Direct to Cloud**.
 - Name the camera.
 - Scan the QR code on the camera label to add the camera by its MAC address.
 - Select **Add Camera**.

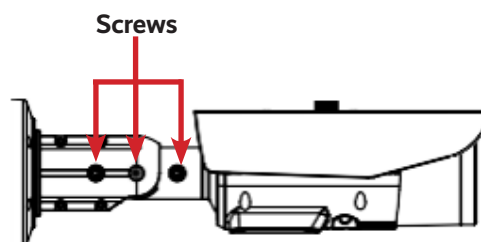
Alternately, you can add the camera using the Eagle Eye Cloud VMS web interface. To add the camera through the web interface:

- Go to the Eagle Eye Cloud VMS web interface and log in with your credentials.
- Go to the **Dashboard**.
- To add the camera to a bridge or CMVR:
 - Go the list of **Available Cameras**.
 - Click the green plus icon next to the camera you just connected from the list of **Available Cameras**.
 - If there are multiple bridges or CMVRs on the account, select the bridge or CMVR where you want to add the camera.
 - Name the camera and choose **Save**.
- To add the camera directly to the cloud:
 - Select the ellipsis icon <...> and choose **Add Camera Direct** from the drop-down menu.
 - In the **Add Camera Direct** dialog, name the camera and enter its MAC address.

Note: The camera is initially shown as offline on the dashboard. After two minutes, it should appear online (denoted by a green check mark).

7 Adjust the Viewing Angle

- Go to **Layouts** in the Eagle Eye Viewer and locate the camera you just added.
- Use the **Preview** tile to check the camera's viewing angle as you adjust the lens manually.
- Use the included hex wrench to loosen the 3 screws on the camera base to adjust the camera view.
- When you are satisfied with the viewing angle, tighten the screws.



LEARN MORE

For more information about Eagle Eye Cameras, visit

www.een.com/hardware/security-cameras/