

GARMIN.



A04879

INSTALLATION INSTRUCTIONS

Introduction

WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Garmin® strongly recommends having an experienced installer with the proper knowledge of electrical systems install the device. Incorrectly wiring the power cable can result in damage to the vehicle, the battery, or the device and can cause bodily injury.

Always choose installation options that do not compromise your vehicle's safety. You assume full responsibility and risk for any vehicle modifications that may impair vehicle functionality.

This device is intended to enhance your situational awareness when used properly. If used improperly, you could become distracted by the connected display.

CAUTION

To avoid possible personal injury, always wear safety goggles, ear protection, and a dust mask when drilling, cutting, or sanding.

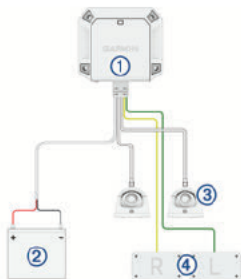
NOTICE

When drilling or cutting, always check what is on the opposite side of the surface to avoid damaging the vehicle.

You should always select installation options that do not violate local laws or any applicable lease agreements. It is your responsibility to know and follow all applicable laws in the jurisdictions where the device is intended to be used.

These installation instructions do not apply to a specific vehicle type, and are meant as a guide when installing this product on your vehicle. For questions specific to your vehicle, you should contact the vehicle manufacturer.

System Overview



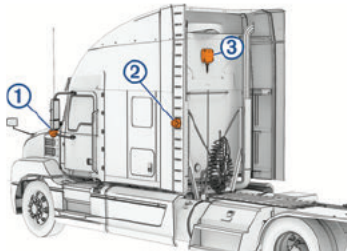
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Item	Description
①	Transmitter box
②	System power
③	Cameras
④	Turn signal connections

Mounting Considerations

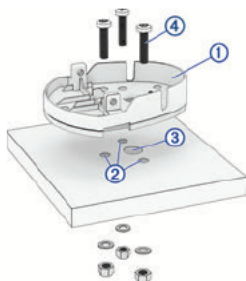
When selecting locations to mount the cameras and transmitter box, observe these considerations.



- For best results, you should mount the cameras to the mirrors ① or the fairing ②.
- You should mount the cameras high enough that they do not get hit by road debris, but low enough that you can access them for cleaning or maintenance.
- You should test a mounting location before you permanently mount the camera.
- You can mount the transmitter box ③ to the outside or the inside of your vehicle. You should select a mounting location that is within reach of the camera cables.

Mounting the Camera Base Plate

- 1 Using the camera baseplate ① as a mounting template, mark the location of the three screw locations ②.



- 2 If you plan to route the camera cable through the mounting surface, mark the location of the cable hole ③ (optional).
- 3 Using a $\frac{3}{16}$ in. (4.8 mm) drill bit appropriate for your selected mounting surface, drill 3 pilot holes.
- 4 Using a $\frac{1}{2}$ in. (13 mm) drill bit, drill the cable hole (optional).
- 5 Secure the camera base plate to the mounting surface using the included screws, washers, and nuts ④.

Mounting the Camera Adhesive Base Plate

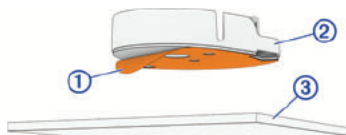
NOTICE

The adhesive mount is intended for a long-term installation and can be difficult to remove. You should carefully consider the mounting location before you install the mount.

Before you can install the adhesive mount onto your vehicle, you should review the mounting considerations.

For the best results, the ambient temperature should be from 21° to 38°C (from 70° to 100°F) while installing the adhesive base plate on your vehicle. The adhesive may not bond correctly if the temperature is outside this range. If you need to install the base plate at lower temperatures, you must clear all snow, ice, and moisture from the mounting surface and warm the surface before installing the base plate.

- 1 Clean the surface using water or alcohol, and a lint-free cloth.
The surface must be free of dust, wax, oils, or coatings.
- 2 After you have selected a mounting location with a clear view, remove the protective film ① from the mount adhesive.

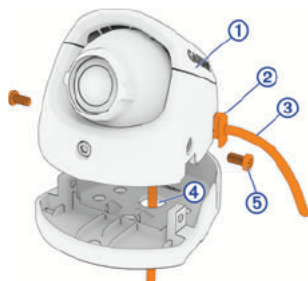


- 3 Position the mount over the mounting location.
TIP: The adhesive is extremely sticky. Avoid touching the adhesive to the mounting surface until the mount is properly positioned.
- 4 Press the mount firmly onto the mounting surface, and maintain pressure for 30 seconds.

Securing the Camera to the Base Plate

Depending on your installation, you can route the camera cable either through the base plate and the mounting surface, or through the slot in the side of the camera.

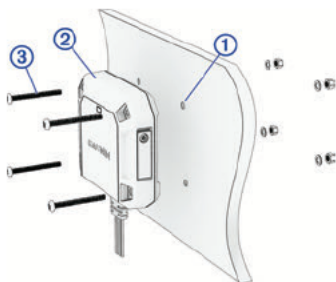
- 1 Hold the camera ① over the base plate.



- 2 Select an option:
 - If you are routing the camera cable through the side of the camera, move the grommet ② along the camera cable ③ so it aligns with the grooves in the camera and the baseplate.
 - If you are routing the camera cable through the mounting surface, feed the camera cable through the cable hole ④ in the baseplate.
- 3 Fit the camera over the base plate and secure it from the sides using the included screws ⑤.

Mounting the Transmitter Box

- 1 Mark the pilot holes ① using the included mounting template.

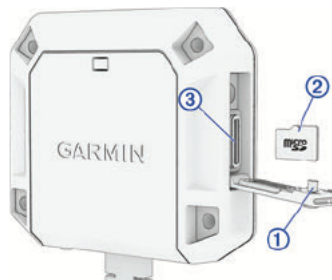


- 2 Using a $\frac{3}{16}$ in. (4.8 mm) bit appropriate for your mounting surface, drill the pilot holes.
- 3 Secure the transmitter box (2) to the mounting surface using the included screws, nuts, and washers (3).

Installing a Memory Card in the Transmitter Box

To record video, you must install a compatible memory card. You can use microSDHC or microSDXC memory cards with a minimum capacity of 16 GB and with a speed class of class 10 or faster. Memory cards must be formatted with the exFAT file system.

- 1 Loosen the screw (1) securing the weathercap to the transmitter box.



- 2 Insert a microSD card (2) into the memory card slot (3).
- 3 Close the weathercap and tighten the screw.

Connecting the Turn Signal Wires

You can connect the turn signal wires from the transmitter box to the left and right turn signals in your vehicle. The dēzl DualView system includes tap splice connectors to help you connect to your turn signals without the need to cut and splice the wires manually.

Power Connection

When connecting the device to power, you must connect the red and black wires to the power source.

Red wire

- This wire provides power to the device.
- If it is necessary to extend this wire, use 22 AWG (0.34 mm²) wire.

Black wire

- This is the ground wire, and you must connect it to the negative terminal of the power source or to a common ground.
- If it is necessary to extend this wire, use 22 AWG (0.34 mm²) wire.

Pairing the Camera System with a Phone

You can pair your camera system with your smartphone and the Garmin Drive[™] app. The Garmin Drive app allows you to change camera settings, and view, edit, and save videos. You can also upload, manage, and share footage on a secure, online storage drive using the Vault.

NOTE: Vault features require a paid subscription. Go to garmin.com/vault for more information.

- 1 From the app store on your smartphone, install the Garmin Drive app.



- 2 Place the transmitter box and your smartphone within 3 m (10 ft.) of each other.
- 3 On the transmitter box, hold the pairing button ① for 3 seconds.



The status LED ② flashes blue.

- 4 From the Garmin Drive app, select dēzl DualView.
- 5 Follow the on-screen instructions on your smartphone to complete the pairing and setup process.

Pairing the Camera System with a dēzl Navigator

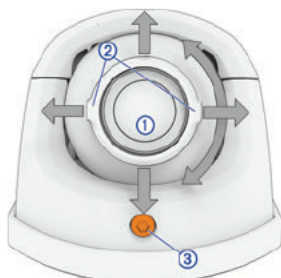
Before you can pair your camera system with a dēzl navigator, you must pair it with a compatible phone using the Garmin Drive app.

You can pair your camera system with a compatible dēzl navigator to view the camera feed and receive camera notifications as you navigate.

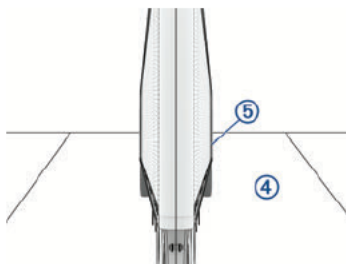
- 1 Update your navigation device to the latest software.
Your device may not support the dēzl DualView camera without the latest software. For more information about updating the software, see the owner's manual for your dēzl navigator.
- 2 From the apps menu on your dēzl navigator, select **dēzl™ DualView**.
- 3 Using your smartphone, scan the QR code on the navigator's screen.
- 4 Follow the on-screen instructions on your phone and your dēzl navigator.

Adjusting the Camera Lens

The cameras use an adjustable lens module ① inside an enclosure mounted to a base plate. The adjustable lens module can tilt by up to 45 degrees and roll clockwise or counterclockwise by up to 180 degrees. The markings at the edges of the lens ② indicate the horizon line. Once you have verified the field of view on your connected screen, you must lock the camera into its configuration by tightening the locking screw ③ using the included hex wrench.



- 1 Move the camera lenses so you can clearly see the road **④** and the back of your truck trailer **⑤**.



- 2 Tighten the locking screw.
NOTE: To prevent damage to the locking mechanism, you should tighten the screw no more than 5 turns.

Specifications

Camera and transmitter input voltage	From 9 to 24 Vdc
Camera and transmitter current usage	2 A

Water rating (camera and transmitter)	IEC 60529 IPX67 ¹
Operating temperature range	From -15° to 60°C (from 5° to 140°F)
Wireless frequency	2.4 GHz @ 18.4 dBm maximum

Getting Support

- Manuals
- Videos
- Support topics

Go to garmin.com/manuals/dezldualview.

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¹ The device is protected against the ingress of dust and withstands incidental exposure to water of up to 1 m for up to 30 min.