








HitchVUE Magnetic Wireless HD Camera

AHDS-7813



| Recommended Tools | | | Difficulty Level |
|--|--|--|---|
|  #2 Phillips Screw Driver |  Electrical Tape |  Flat Head Screw Driver |  |
| | | | Install Time |
| | | |  10m - 1hr |
| Questions? Call the Brandmotion technical support line at (734) 619-1250 or visit brandmotion.com | | | |

Kit Contents

In the Kit

Components for installing the **AHDS-7813**



Kit Contents:

1x HitchVUE Wireless HD Camera (A)

1x Four Flat Trailer Power Passthrough Harness (B)

1x Barrell Jack Harness (C)

2x VHB Backed Magnetic Pads (D)

2x Screw Cap Covers (E)

2x License Plate Screws (F)

Required Not Included Parts:

1x AHDS-7810v2

Mounting Option 1

Part 1a

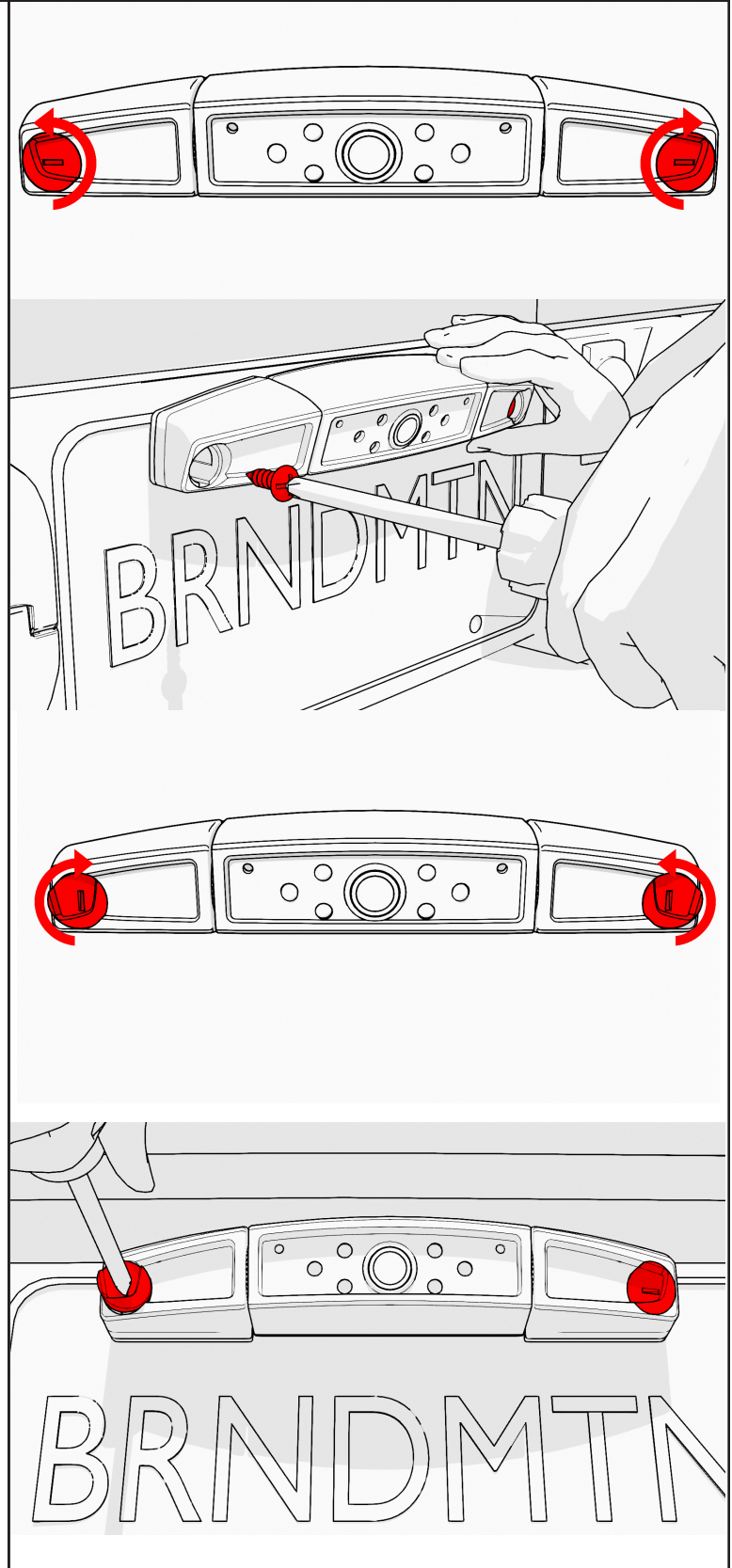
License Plate Mounting

HitchVUE's primary mounting method is over the vehicle's license plate, using the existing screw holes for a quick, simple, and hassle-free installation.

1. Use a Flat-head Screwdriver to turn the screw cap covers 90 degrees. Turn the left side counterclockwise, and the right side clockwise.
2. Remove the cap covers from the hole.
3. On the vehicle, remove the top license plate screws.
4. Line the HitchVUE camera up with the license plate holes and use the provided license plate screws to secure the camera to the vehicle through the license plate.
5. Reinstall the cap covers and turn the left side clockwise, and the right side counterclockwise to lock.

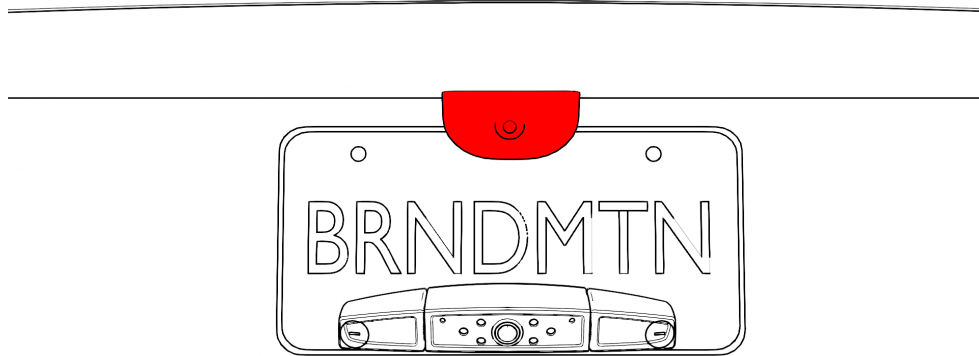
Note: See alternate mounting methods.

Note: HitchVUE is designed to be installed on the tow vehicle and may not have sufficient wireless range for trailer-mounted installations.



Part 1a

License Plate Mounting



Some vehicles may have a protrusion, such as a backup camera or light, that prevents HitchVUE from being mounted using the top license plate screws. In these cases, mount HitchVUE using the lower license plate screw holes, or use one of the alternate mounting options.

Mounting Option 2

Part 1b

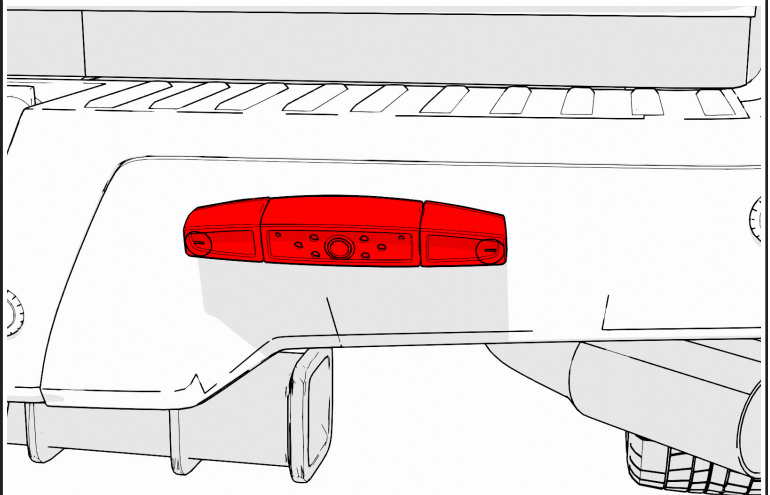
Mounting to a magnetic surface

HitchVUE can be mounted to magnetic surfaces, such as bumpers or steel body panels, providing the versatility to quickly install and remove the camera as needed.

1. Clean the desired magnetic surface with alcohol or detail spray.
2. Place the HitchVUE against the magnetic surface.
3. The center camera piece can be rotated to provide the desired view.

Note: When using the magnets, always mount the HitchVUE on a clean, flat surface for optimal hold and to prevent damage to the vehicle's paint.

Note: HitchVUE is designed to be installed on the tow vehicle and may not have sufficient wireless range for trailer-mounted installations.



Mounting Option 3

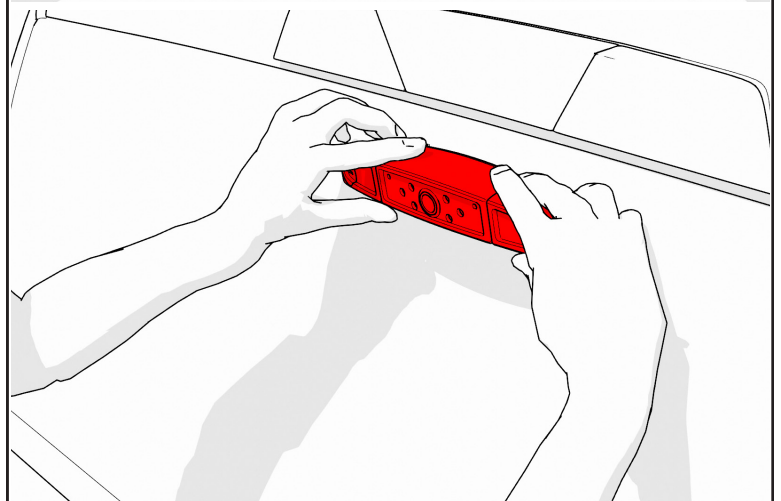
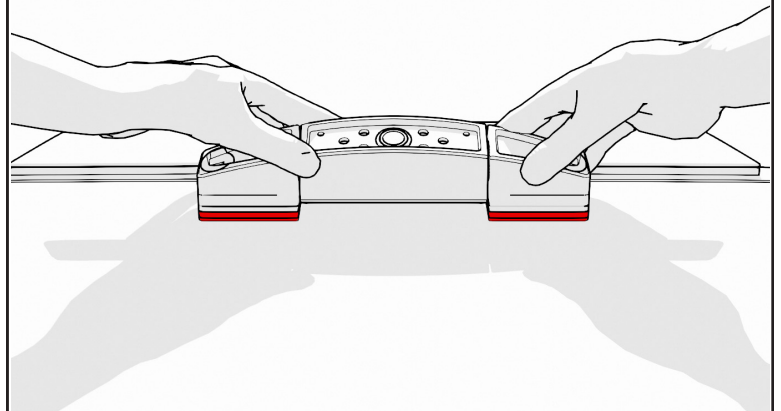
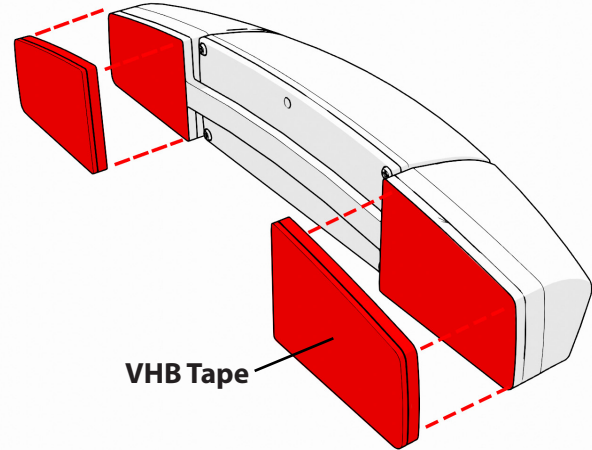
Part 1c

Mounting to a non-magnetic surface with magnetic pads

HitchVUE can also be mounted to non-magnetic surfaces, such as windows or aluminum body panels, using the included VHB-backed magnetic pads. These pads create a magnetic mounting point on otherwise non-magnetic surfaces, allowing the camera to remain easily movable while providing the flexibility to install it wherever needed.

1. Align the VHB backed magnetic pads with the left and right magnets on the HitchVUE. Red VHB backing facing outward.
2. Clean the desired flat mounting surface with alcohol.
3. Remove the VHB backing to expose the adhesive on both pads.
4. Press the HitchVUE firmly against the clean surface for 10 seconds to adhere.
5. The center camera piece can be rotated to provide the desired view.
6. You may remove the camera from the magnetic pads as needed, leaving the pads attached to the vehicle for future use.

Note: HitchVUE is designed to be installed on the tow vehicle and may not have sufficient wireless range for trailer-mounted installations.



Power Option 1

Part 2a

Power With The 4-Way Flat Trailer Connector

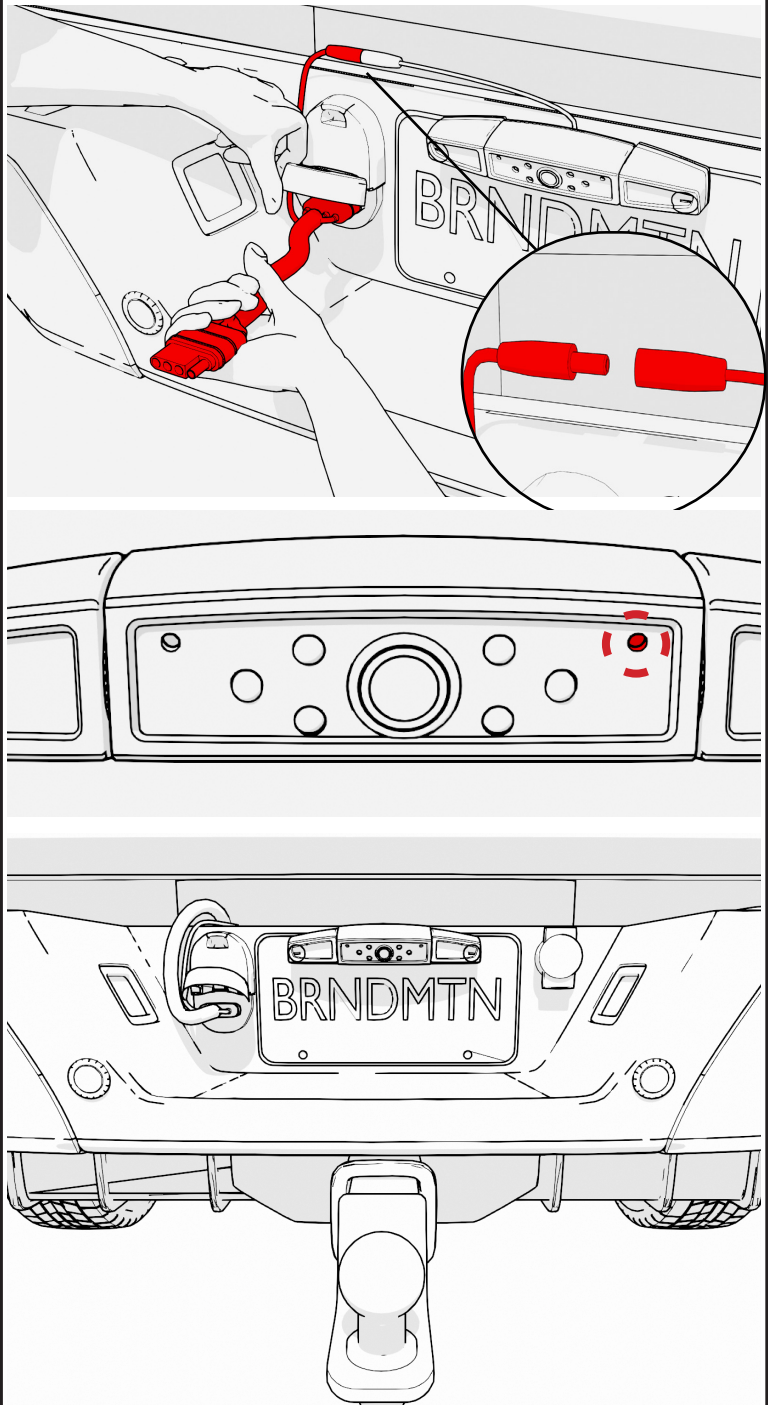
HitchVUE includes a plug-and-play 4-way adapter to power the camera, making installation a quick job with no splicing, wiring, or risk of damage to the vehicle.

1. Plug the Four Flat Trailer Power Passthrough Harness into the vehicle's 4-way port (Usually located near the license plate)
2. Connect the HitchVUE's barrel jack to the male jack coming off of the 4-way adapter.

Note: If doing a long term/perminate install, Brandmotion recommends using heat shrink tubing or electrical tape over the barrel connectors to ensure it stays connected.

3. a) If connecting a trailer, a trailer can be connected to the receiving end of the adapter.

b) If not connecting a trailer, the adapter can be tucked away behind the bumper.
4. Turn on the vehicle's parking lights to provide power to the camera. Once the camera receives power the red light to the right of the lens will illuminate.
5. Follow pairing instructions on page (8) to setup with your 7810v2.
6. The center camera piece can be rotated to provide the desired view of the tow ball.



Power Option 2

Part 2b

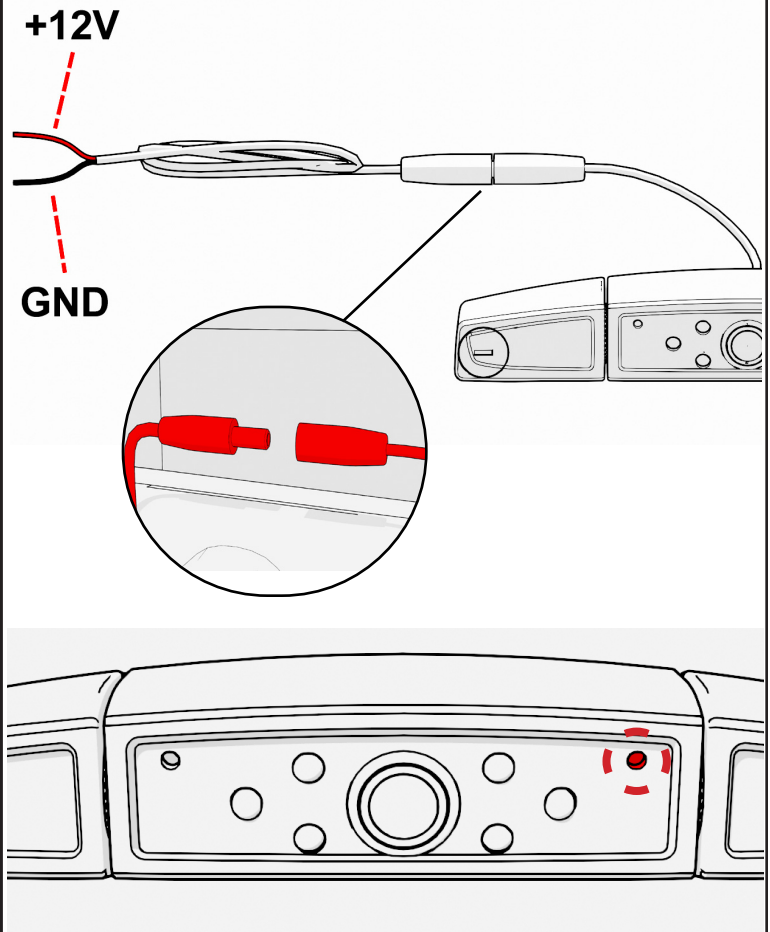
Power With The Barrel Jack Harness

HitchVUE also includes a barrel jack harness for installations where a 4-way flat trailer connector isn't available. This installation method requires locating a power and ground source in your vehicle and splicing wires to complete the connection.

1. Locate a power and ground source from your vehicle. In most cases, a parking light circuit is accessible at the vehicle's taillight, but any continuous 12v source will work.
2. Connect the Red lead of the barrel jack harness to the +12v source. Connect the Black lead to ground.

Note: Brandmotion recommends soldering wire connections and using heat shrink tubing or electrical tape over the barrel connectors for the most reliable install.

3. Connect the HitchVUE's barrel jack to the male jack coming off of the barrel jack harness.
4. Once the camera receives power the red light to the right of the lens will illuminate.
5. Follow pairing instructions on page (8) to setup with your 7810v2.
6. The center camera piece can be rotated to provide the desired view.



Pairing

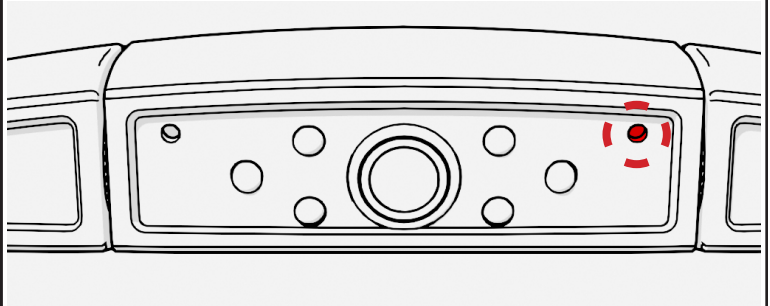
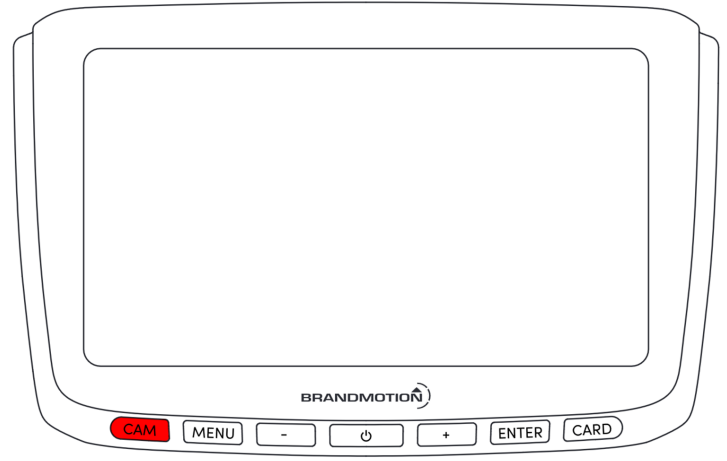
Part 3

Pairing the 7813 With the 7810v2

HitchVUE is compatible with the 7812v2 monitor. Unlike the 7811v2 and 7812 models, HitchVUE does not have a manual pairing button. The camera automatically enters pairing mode when powered on.

1. On the 7810v2 monitor, press the [CAM] button to cycle through the available camera views until you reach the desired single-camera view where you want to pair HitchVUE.
2. Power on the HitchVUE camera.

Note: Once the camera receives power, you have 60 seconds to initiate the pairing process on the monitor
3. Press and hold the [CAM] button for 3 seconds until the "...Connecting..." screen appears, then release the button.
4. Within a few seconds the camera and monitor should automatically pair and begin displaying the live video feed from the HitchVUE.



COMPLETE YOUR SYSTEM THE AHDS-7800 FAMILY



AHDS-7810v2 REQUIRED

Wireless HD Observation System with 7" DVR Monitor

To use the HitchVUE camera, you must first have the Brandmotion AHDS-7810v2 system — the required base unit for expanding your vehicle's HD observation coverage. With easy installation, DVR recording, and support for up to four cameras, it's the perfect upgrade for RVers and trailer owners who want full situational awareness and effortless maneuvering.



AHDS-7812 RECOMMENDED

Wireless HD Side Marker Light Camera

Gain visibility down the side of your trailer for improved visibility while executing turns, safer merging and lane changes in traffic, and parking in tight spots – especially when obstacles are present. The innovative design prevents storage door obstruction, to maintain full functionality of your trailer.



AHDS-7811v2 RECOMMENDED

Wireless HD Observation Camera

This add-on camera gives you enhanced visibility exactly where you need it. For added security at your campsite, mount it above the entry door. Need more confidence when parking? Install it facing down at the rear of your trailer for a clear view of the bumper. Wherever you need an extra set of eyes, this camera has you covered.