











Wireless Observation Camera System

with 7" HD DVR Monitor

AHDS-7810v2



Recommended Tools				Difficulty Level
 Wrench	 Wire Strippers	 Wire Cutters	 Electrical Tape	
 Screw Driver	 Panel Removal Tool	 Zip Ties	 Socket Set	Install Time
				 1hr 30m - 2hr
Questions? Call the Brandmotion technical support line at (734) 619-1250 or CLICK HERE				

Kit Contents

Recommended Tools

Components for installing the **AHDS-7810v2**



Kit Contents:

1x 7" Monitor & Cigarette Power Adapter

1x Monitor Suction Cup Mount

1x Monitor U-Bracket Mount

1x Wireless Camera & Power Harness

1x Universal Camera Bracket

1x Pre-Wired Camera Bracket

Monitor Mounting & Power

Decide which Monitor Mounting is best, Part 1a. Temporary Mounting & Part 1b. Permanent Mounting

Part 1a.	Temporary Mounting the Monitor
<ol style="list-style-type: none"> 1. Take the suction-cup mount and loosen the top thumb screw and slide onto the back of the monitor. 2. Tighten the top of the mount at the desired location. 	

Part 1b.	Permanent Mounting the Monitor
<ol style="list-style-type: none"> 1. Choose a desired mounting location on the dashboard to screw the U-Bracket in. 2. Take the monitor and slide in between the U-bracket so the holes on the side line up, use the provided screws to secure the monitor. 	

Monitor Mounting & Power

Decide which Power Solution is best, Part 2a. Temporary Power & Part 2b. Permanent Power

Part 2a.	Temporary Powering the Monitor
<ol style="list-style-type: none"> 1. Take the power cable with a cigarette adapter and plug into the monitor cable and the cigarette outlet. Make sure to route the wire that will not interfere with any operation of the vehicle. 	

Part 2b.	Permanant Powering the Monitor
<ol style="list-style-type: none"> 1. Using the power harness with the cigarette lighter plug, cut the plug off of the harness and discard the plug 2. Connect the red wire to the accessory and the black wire to ground. 	

Camera Mounting & Power

Identify if your trailer is pre-wired for a wireless camera i.e Furrion. If so, use the adapter mounting plate and power adapter (Part 1). If not, use the universal mount and power harness (Part 2).

Part 1

Pre-Wire Camera Power Connections and Mounting

1. Locate the pre-wire housing mounted to the rear of the trailer.
2. Remove the 4 tiny Phillips screws holding the square cover plate on. Discard the cover plate, but **Keep the screws for a later step.**
3. Inside the housing, there should be a 3.5mm connector. Plug in the supplied power adaptor and tape connection.
4. Attach the adaptor mounting bracket to the back of the camera supplied in the kit to the back of the camera by using the 4 small black Phillips screws supplied in the kit.
5. Plug the power connection of the camera into the power adaptor connected in step 3. Tape the connector.
6. Push all the extra wire slack into the hole that is in the housing where the power wire is coming from.
7. Attach the antenna to the camera.
8. Align the mounting plate to the 4 holes in the housing. Attach the mounting plate with the 4 screws removed in step 2. Be careful not to over-tighten the screws.
9. Test the camera with the monitor by turning on the parking light of the vehicle to supply power to the camera.
10. If the camera does not show on any channel follow the instructions for connecting additional cameras.



Camera Mounting & Power

Part 2

Universal Camera Power Connection and Mounting

1. Remove the rear center top marker light so the wiring is exposed.
2. Splice the power harness into the power & ground wires that are connected to the light.
3. Feel inside the hole where the light power wires are coming through to find out where the "stud" of the trailer wall is to see where you can drill a hole to run the power connector of the harness through for the camera. (If the stud is next to the power wire hole, drill a ½ inch hole under the center marker light. If the stud is under the power wire hole, drill a ½ inch hole next to the center light between the center and right side marker light.
4. Run the connector or the camera power harness through the hole just drilled.
5. Reinstall the light that was removed in step 1. Make sure the base plate of the light is sealed to the trailer wall to prevent water from entering.
6. Connect the universal mounting plate to the back of the camera by using the 4 small black Phillips screws.
7. Connect the power harness to the camera. Tape the connector to make sure it does not get unplugged.



Camera Mounting & Power

Part 2

Universal Camera Power Connection and Mounting Cont.

1. Connect the power harness to the camera.
Tape the connector to make sure it does not get unplugged.
2. Push all the extra wire slack into the drilled hole, until the camera bracket touches the trailer. Mark the 4 holes to drill for mounting.
3. Pull the camera away from the trailer and drill the four 1/16" holes.
4. Push the wires back in the hole and seal them with silicone. Mount the camera with 4 Phillips screws that were just drilled.
5. Attach the antenna to the camera.
6. Test the camera with the monitor by turning on the parking light of the vehicle to supply power to the camera.
7. If the camera does not show on any channel follow the instructions for connecting additional cameras.



Pairing a New/Additional Camera

Part 1

Pairing New/Additional Camera

1. Follow steps outlined in Section 2: Camera Mounting & Power for mounting & connecting to power
2. Once Connected return to the monitor you wish to connect too & turn on the vehicle.
NOTE: the trailer the camera is connected to must also be powered, you only have 45 seconds to connect to the camera to the monitor once powered up.
3. Select the channel # you wish to connect too
4. Select the "M" button and then "SD" when the selection is over "Paring". The pairing process will now begin.