











## Wireless Backup Camera System with 7" HD Monitor

### AHDS-7810



Recommended Tools				Difficulty Level
 Wrench	 Wire Strippers	 Wire Cutters	 Electrical Tape	
 Screw Driver	 Panel Removal Tool	 Zip Ties	 Socket Set	<b>Install Time</b>
				 <b>60min-90min</b>
Questions? Call the Brandmotion technical support line at (734) 619-1250 or <a href="#">CLICK HERE</a>				

## Kit Contents

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



### **Kit Contents:**

1x Wireless Monitor

1x Wireless Camera

2x Power Harness

1x Adjustable Suction Cup Monitor Mount

1x Monitor Sun Shade

2x Antennas

Mounting Hardware (Washers, T-Tap, and Screws)

## Monitor Mounting and Power

### Part 1

### Monitor Mounting

1. Start by removing the monitor, dash mount, and monitor antenna from the box
2. Install the antenna into the open coaxial connector on the back of the monitor
3. On the dash mount bracket, loosen the thumb screw behind the metal retention plate. You will also see another hand screw on the base of the bracket. This will loosen up to allow tilt adjustment if needed.
4. Slide the metal retention plate into the groove on the back of the monitor then hand tighten the thumb screw to secure it in place.
5. Find a desirable area on the dash or windshield area for mounting. Make sure there is enough space and flat enough area before removing the film from the suction cup base.
6. Once you have found your desired mounting location, clean the area well, remove the film and mount the suction cup to the area.

### Part 2

### Monitor Power

1. From the back of the monitor, you will find one solid black cable with a female power plug. Included with your kit, you can either plug in the 12v power point connector harness or direct wire harness
2. For direct wire, find a good accessory power circuit in the vehicle (only active when the key

## Monitor Mounting and Power

### Part 2

### Monitor Power

is on) and connect the red wire. Find a good chassis ground or use a self tapping screw to ground the black wire on the chassis.

3. For 12v power point harness installation, simply plug in the connector into the vehicle's 12v power point and confirm that the monitor turns off when the key is off. If the monitor stays on while the key is off, you may need to switch to the direct wire method.
4. Test the system by turning on Accessory power with the key.

## Camera Installation

### Part 1

### Camera Mounting

If you wish to see the camera angle before mounting the camera, skip this section for now and move on to Camera Power and Camera Pairing before permanently mounting.

1. Start by loosening and removing the side screws that secure the camera to the bracket.
2. Find a desirable location on the vehicle/trailer, making sure that the bracket is straight, in a location where the harness can be routed into the vehicle/trailer for power, will have a satisfactory field of view, and is clear of any moving parts that might damage the camera or harness.
3. Using the included self tapping screws, secure your camera bracket to the mounting location.
4. With the camera out of the way, now is a good time to drill and prep any holes that might be needed to route the harness to power. If this is needed, we always recommend the use of anti-rust compounds, filling the hole with a rubber grommet, and sealing the grommet with silicon once the harness is run through.
5. Reinstall the camera into its mounting bracket and hand tighten the side screws so that the camera is still adjustable in case any changes are needed for the camera tilt angle.

## Camera Installation

### Part 2

#### Camera Power

1. The camera will require wire connections to a 12v power source and ground source.
2. Plug in the included DC power adaptor harness into the vacant connector on the camera harness, screw the included antenna from the box onto the back of the camera and make the following connections:
3. Red: 12V+ ACC or 12v from the lights on the trailer. With this type of connection the camera will only work when the trailer lights are on
4. Black: Chassis ground (recommended)
5. Once you have identified the ideal power connection locations, maybe the necessary connections. We always recommend a splice and solder connection whenever possible.

### Part 3

#### Camera Pairing

1. For initial setup, the camera will have to be manually paired to the monitor. Power up the monitor and click the "Menu" button
2. The first menu option should be for camera pairing. Find that menu option and click "SEL" to initiate the automatic pairing sequence.
3. The pairing process should only take about 20 seconds. Once the camera is successfully paired, it should automatically pair on each power up from then on.
4. Confirm that the camera angle is satisfactory for the application, fully tighten the side screws on the camera bracket.