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# HD WIRELESS CAMERA

## VWCAMAIO-HDWL Owners Manual

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QUALITY | AFFORDABLE | DURABLE



## WARRANTY INFORMATION



Thank you for purchasing a Visionworks camera system. We have taken great care to provide you with a top-quality product. Visionworks comes with a one-year warranty (from the date of purchase) that covers defective materials or workmanship, as long as no wiring or parts are modified in any manner. If our product is found to be modified the warranty will be nullified. The camera has a three-year warranty if you register on our website. Please go to [visionworkscameras.com](http://visionworkscameras.com) and click on "Warranty Registration" or use the QR Code to increase your warranty from one year to three years.

## RETURN POLICY

No merchandise should be returned to Visionworks for credit unless accompanied by a return authorization number from our company. You will receive credit for the full amount of the return if the merchandise is returned within 30 days of the invoice date. Any merchandise that is not returned within 30 days of the invoice date is subject to a restocking fee of 15%. Contact your Visionworks dealer for return information.

Merchandise that has been special ordered cannot be returned for credit. Non-stock items returned for credit will be subject to vendor's return policy.

To avoid electrical shock and maintain optimal functionality, do not open the enclosures. High voltage may be present and there are no user serviceable parts inside. All warranties will be void should any enclosures be tampered with in any way.

To prevent short circuit, make sure that the system is not plugged in or receiving power while making system connections. In the event of a system short circuit, replacement of the 3A fuse will be required. Fuses are located under the threaded tip of the cigarette lighter, and inside the threaded barrel section of the RED 12 volt supply wire. Replacement fuses are not included with this kit.

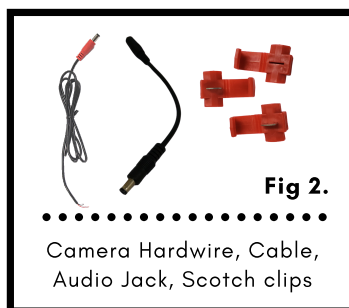
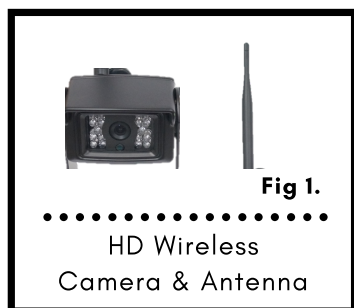
To ensure that you do not drain your battery, please disconnect the cigarette adaptor when not in use.

The camera is completely weatherproof, but the monitor is NOT and should NOT be exposed to water. Please ask about weatherproof monitors if you do not have a weatherproof cab.

## SAFETY & IMPORTANT INFORMATION

## WHAT'S INCLUDED

Identify your parts and find out what is included in your Visionworks camera system.



## CAMERA SPECS

Model	Resolution	Viewing Angle	Lens
Sony	1080P HD Resolution	90 Degree	3.6 mm

Weatherproof Rating	Low Temp. Rating	Connection Type
IP68	-20 C -4 F	4 Pin

## CAMERA ASSEMBLY

**Furrrion plate, Voyager plate, or 65# magnet available upon request**

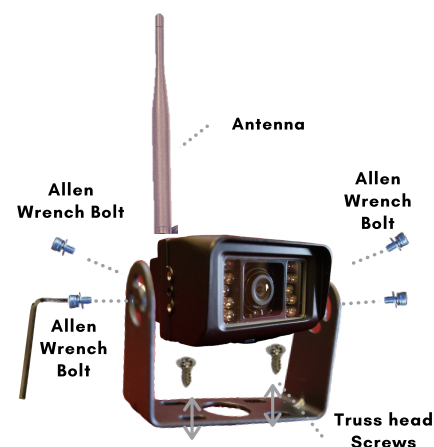
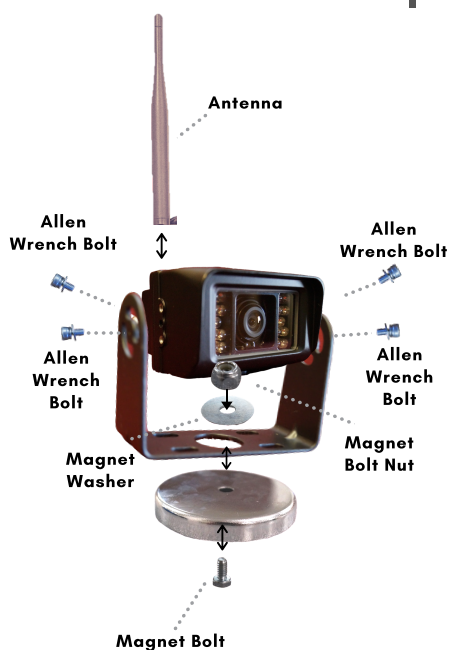


Fig 2.

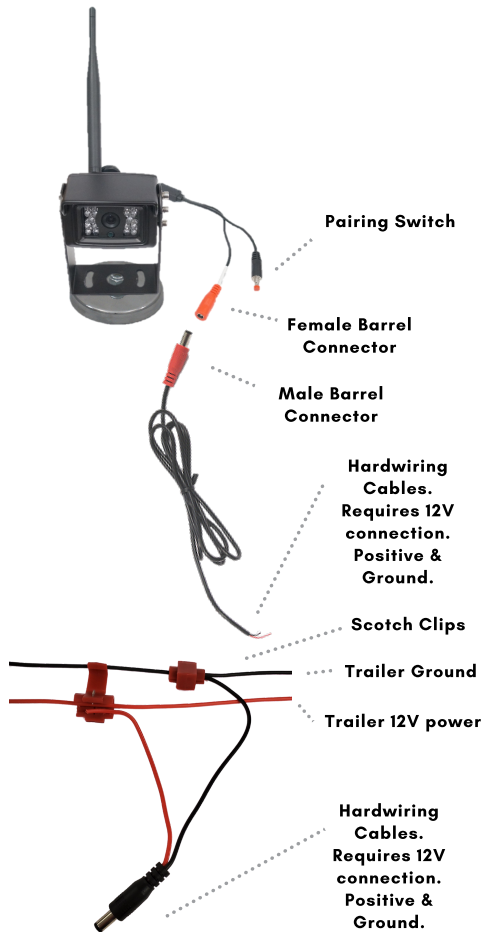


Fig 10.

### PERMANENT MOUNTING

For permanent mounting attach the camera bracket to any flat surface with the two truss head screws provided in the kit (inside camera mounting hardware).

Secure camera and set viewing angle with the four allen wrench bolts (inside camera mounting hardware). You can always adjust your camera viewing angle later.



### STEP #1: POWERING YOUR WIRELESS CAMERA

Permanently or temporarily mount your camera in your preferred location. Make sure your mounted camera has a clear line of sight to your receiver within 400 ft.

Connect the female barrel connector on the camera to the male barrel connector on the hardwiring cables as shown.

Use the hardwiring cables and Scotch clips to tap into an existing power source near the spot where you are mounting your camera. If you are tapping into an existing power supply for the camera, a voltmeter will be necessary to make sure you are getting a minimum voltage of 10.5v so that your camera can operate at maximum efficiency.

If you have more than one camera, repeat step #2 and #3. A common application for the CH2 video feed is for rear view imaging when in reverse. For CH2 video feed for a reverse application, it is common to connect the GREEN wire to the reverse wire on the vehicle. (May use wire nuts sold not included)



Fig 1. & 2.  
& 3



Fig 10.



### STEP #3: PAIRING YOUR CAMERA WITH YOUR MONITOR

Your system should come pre-paired, but if you lose connection click on the pairing button on the monitor menu and then you will have 20 seconds to hold down the pairing button on the camera for 5 seconds at the same time. **May take one or two attempts.**

#### Monitor pairing menu

