

**Vision
Works**



**VisionWorks
7" Camera
System
model: VWIC700**

Scan QR code for Easy Installation videos

To watch an installation video online or on your phone: please visit www.visionworkscameras.com and click on "Installation Videos"
Be sure to watch the "How to get to Heaven" video also.



For additional parts and tech support please contact your local VisionWorks dealer

7" Monitor Camera System (VVIC700)

Thanks for purchasing a Visionworks 7" camera system below is a list of your package contents:

Monitor		Quantity 1
Camera with Magnet		Quantity 1
Main Harness		Quantity 1
Video Extension Cable (30ft)		Quantity 1
AV Accessory Cable		Quantity 1
Monitor Bracket		Quantity 1
Remote Control (CR2025 battery included)		Quantity 1

Installation Instructions

Important!

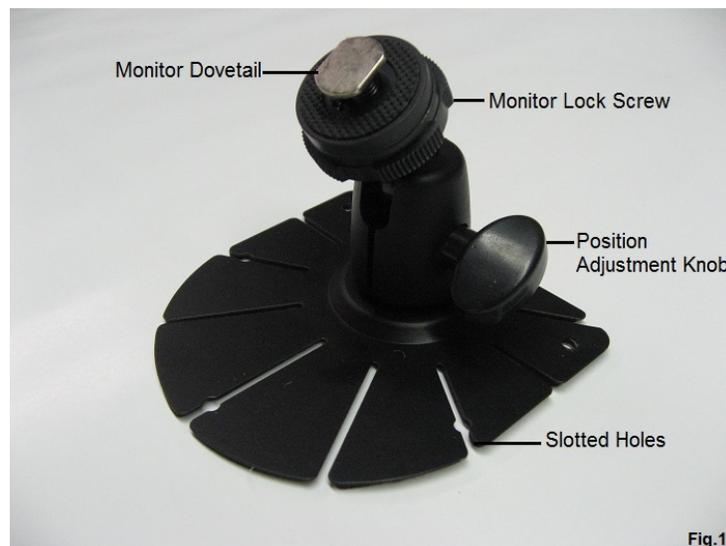
1. To prevent short circuit, make sure that the system is not plugged in or receiving power while making system connections. In the event of a system short circuit, replacement of the 3A fuse will be required. Fuse is located under the threaded tip of the cigarette lighter. Replacement fuses are not included with this kit.
2. To ensure that you do not drain your battery, it may be necessary to disconnect the cigarette adaptor when not in use.

Camera Installation: (for fertilizer and spraying applications ask your dealer about the optional stainless steel camera bracket)

Camera can be mounted using the bracket only or by using the magnet and attaching hardware. Position and align centre hole of camera and bracket assembly on top of magnet. Install bolt from underside of magnet and secure with flat washer and nut. Tighten this connection. This is a lock nut so wrenches are necessary. Tip: Although magnet contains 65lbs pull force it is recommended that it be mounted on a flat surface, and a zip tie be used in addition to fasten the camera as a preventative measure in the event the camera is knocked off.

Monitor Installation: (optional suction cup mounts are also available through your dealer).

Slotted holes of the universal base mount can be used to position and permanently attach the monitor base to structure. Installer must ensure that attaching hardware is suitable to support the weight of monitor and base. Once the base has been fastened into position the monitor can be installed. Lightly tighten Position Adjustment Knob so that Monitor Dovetail detail becomes rigid. Install monitor by positioning Dovetail Monitor Slot (located at rear of monitor) over Monitor Dovetail. Adjust monitor to desired position within dovetail slot and secure by turning Monitor Lock Screw clockwise. Do not over tighten. Additional adjustments can be made using Position Adjustment Knob. Ref. Fig.1



Video Cable Installation:

Connect MONITOR HARNESS to the MAIN HARNESS MONITOR INPUT.

Ensure arrows are aligned on outer jacket of cable ends (if you bend the pins it voids the warranty).



Turn silver cable connector nut clockwise to secure the connection of the cables. Do not over tighten. Ref. Fig.3 & Fig.2

Connect VIDEO EXTENSION CABLE harness to C1 input on MAIN HARNESS. Ensure arrows are aligned on outer jacket of cable ends. Turn silver cable connector nut clockwise to secure the connection of the cables. Do not over tighten. Pull rubber sleeve membrane over cable connection. Ref. Fig.2

Connect other end of VIDEO EXTENSION CABLE harness to CAMERA harness cable. Ensure arrows are aligned on outer jacket of cable ends. Turn silver cable connector nut clockwise to secure the connection of the cables. Do not over tighten. Ref. Fig.2

Optional Second Camera – The MAIN HARNESS included in this kit contains two video cable inputs. The cable input labelled C2 can be used to accept a video signal from a second optional camera. C2 imaging can be selected from the remote (Video Select) or monitor (V1/V2) controls. It will also activate and provide a video feed to the monitor if 12VDC power is supplied to the GREEN wire on the MAIN HARNESS.

Note: A common application for the C2 video feed is for rear view imaging when in reverse. For C2 video feed for a reverse application, it is common to connect the GREEN wire to the reverse wire on the vehicle. Ref. Fig.2

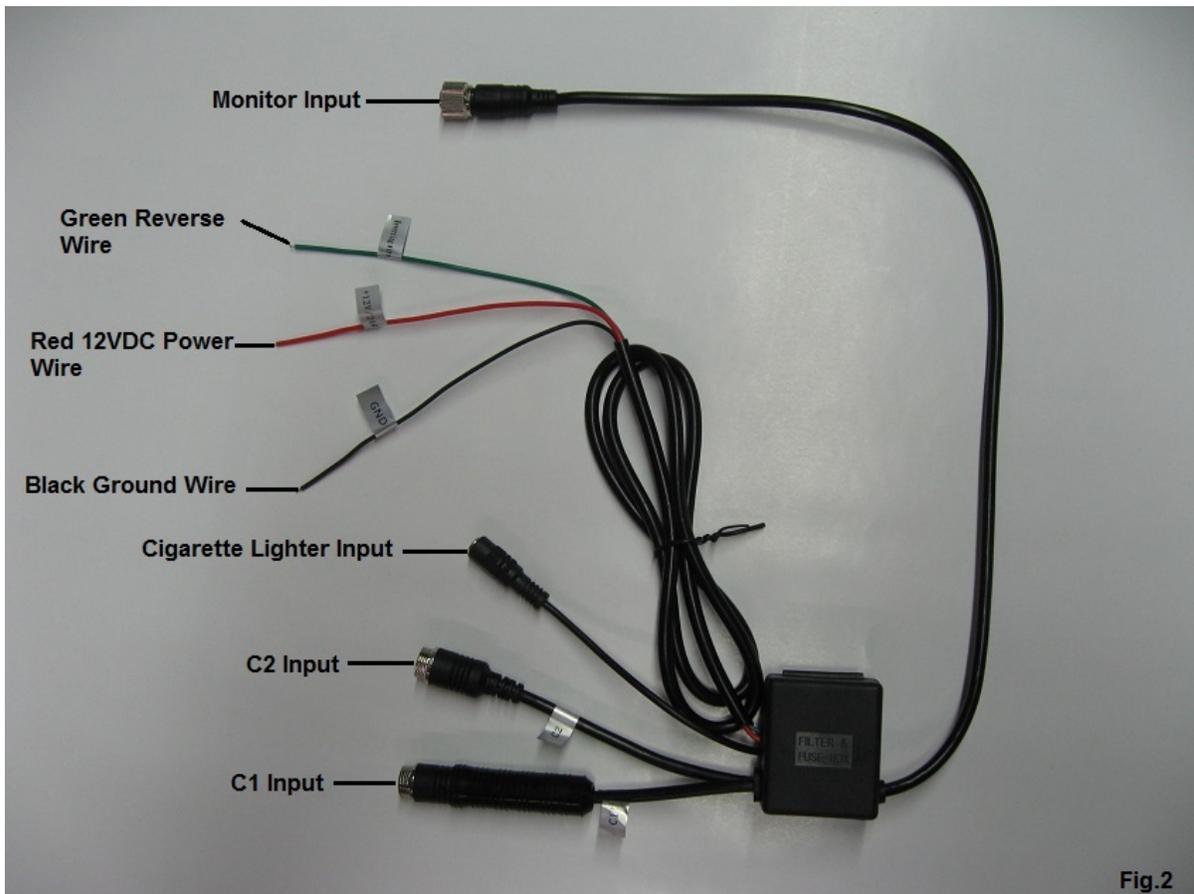
IF YOU REQUIRE AN ADDITIONAL CAMERA OR CABLES, PLEASE CONTACT YOUR LOCAL VISION WORKS DEALER.

AV Accessory Cable - Included in kit is a AV adaptor that will allow you to play videos from a DVD player or alternate video source. It can be installed into C1 or C2 monitor inputs.

Power Cable Connection:

Method 1: Cigarette Lighter Adapter - system can be powered by connecting the MAIN HARNESS CIGARETTE LIGHTER INPUT to the mating connector of the CIGARETTE LIGHTER ADAPTER. The cigarette lighter adapter can now be installed into a 12VDC power source. To verify that the system is receiving power, cup your hands over the camera lens, and the LED lights will have a red glow. Ref. Fig.2

Method 2: Hardwire Option: - connect BLACK wire of MAIN HARNESS to ground. Connect RED wire of MAIN HARNESS to 12VDC power supply. To verify that the system is receiving power, cup your hands over the camera lens, and the LED lights will have a red glow. Ref. Fig.2 The green wire is only used if you want the C2 input to automatically display when the vehicle is put into reverse. If this is your preference please attach this wire to the appropriate connection on your vehicle



Monitor Functions:

Monitor Adjustment:

Using the menu button on the monitor or remote, adjust picture display as desired. To reverse image on screen press menu button until TCON is displayed. Press the + button.



Remote Control Functions:

Note: Battery Protective Sleeve must be removed prior to use.

