



*Connects*  
**2**<sup>®</sup>

*...connecting to the aftermarket*

# Connects2Vision

## User Manual

## CAM-KIT1

## Camper Van Camera Package

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### **PRODUCT FEATURES:**

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Display Screen: 7" TFT colour display with soft touch buttons, speaker and remote control

Inputs: 3 (2x video inputs & 1x 4pin camera input with auto switching function)

Image: 800 x 480

TV System: NTSC/PAL

Operating Voltage: 12-32V DC (Negative Ground)

Current Consumption: 360mA @ 13.8V (Including Camera)

Stand-by Current: 100mA @ 13.8V

Operating Temperature: -10 Degrees C to +65 Degrees C

Monitor Image Adjustment: Yes (Mirror/Normal/Inverted & Inverted Mirror)

Auto Switching Input: Yes

Screen menus include brightness, contrast, colour, hue, language, volume, input & image adjustments

Camera Image Sensor: 1/3" HD CCD

TV System: PAL/NTSC

TV Lines: 560

Sensitivity: 0 Lux (LED's on)

Video Output: 1.0V p-p 75ohm

Waterproof Rating: IP68

Parking Lines: Yes

Removable Lines: Yes

Image Adjustment: Yes (Mirror/Normal)

## **DISCLAIMER:**

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### **Prior to Installation**

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Please ensure you use the correct tools to avoid damage to the vehicle or product.

***Connects2 can not be held responsible for the installation of this product.***

### **Technical Support**

Connects2 want to provide a fast and suitable resolution should you encounter any technical issues. With this in mind, when contacting Connects2, try to provide as much information as possible. This will speed up the process and help us to help you.

**Please use our dedicated online technical support centre: [support.connects2.com](http://support.connects2.com)**

## **CONTENTS**

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- Monitor with adjustable stand, 60cm cable to 2x RCA Female connectors, Female
- DC power connector, Female 4pin camera connector and auto switching input wire
- Reversing camera with 30cm cable to Male 4pin camera connector
- Remote control with CR2025 cell
- 1m DC power cable with Male DC connector

## **INSTALLATION**

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1. Connect the Black wire to a suitable ground and the Red wire to a switched +12V supply.
2. If the camera is to be used in the rear of the vehicle, the Red wire should be connected to the reversing light circuit or an interface which provides a reverse signal.
3. Select a suitable location for the camera and ensure that the area is free from all cables, fuel & oil. Whenever possible, avoid locations that are subject to road dirt & water spray.
4. Using the supplied mounting bracket, mount the camera in the required position and connect the Male 4pin connector to the Female 4pin connector on the monitor cable using the extension cable (not supplied).
5. The 2x RCA video inputs can be used for connecting other cameras to the monitor.

## INSTALLATION

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6. Connect the Blue auto switching input wire located on the monitor cable to the reversing light circuit or an interface which provides a reverse signal.

7. When reverse gear is engaged, the monitor will automatically switch to the reversing camera screen and switch back to the previous input when reverse gear is disengaged.

**Note: the reversing camera screen can also be selected by pressing the input selector button on the monitor.**

8. Check that the image from the camera is displayed correctly on the monitor.

9. Adjustment of the camera may be required to ensure that the correct angle of the image is achieved and that the distance markers on the parking lines correspond to that of the object in view.

10. To adjust the image type, press and hold the input selector button on the monitor for more than 1 second.

11. To swap the image from the camera from mirror to normal view, disconnect the shorting link from the small White looped wire located on the camera cable.

12. To remove the parking line feature, disconnect the shorting link from the small Blue looped wire located on the camera cable.

- Press of power button switches the monitor off/on
- Press of mute button mutes the audio output
- Press of up arrow switches the view from normal to inverted
- Press of down arrow switches the view from normal to mirror
- Press of left arrow decreases value of menu option
- Press of right arrow increases value of menu option
- Press of Menu button changes menu option
- Press of V1/V2 button changes input from AV1, AV2 and camera



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