



# Connects2Vision

## User Manual

### CAM-65

Universal Brake Light Reverse Camera  
with wired brake light application

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#### PRODUCT FEATURES:

Image Sensor: 1/3 CMOS  
TV Lines: 600  
Resolution: 756 x 504  
Minimum Illumination: 0.1 Lux  
TV System: NTSC  
Waterproof Rating: IP68  
Horizontal Angle: 80 Degrees  
Vertical Angle: 145 Degrees  
Diagonal Angle: 170 Degrees  
Parking Lines: Yes (Removable)  
Enhanced Performance In Low Light: Yes  
Video Output: 1.0V p-p 75ohm  
Operating Voltage 12V DC (Negative Ground)  
Current Consumption: 120mA @ 13.8V  
Operating Temperature: -20 Degrees C to +70 Degrees C

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#### DISCLAIMER:

##### Prior to Installation

Read the manual prior to installation. Technical knowledge is necessary for installation. 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)**

**[www.c2vision-eu.com](http://www.c2vision-eu.com)**

- Camera with brake light housing, 2x mini 4pin Male connectors and brake light wiring
- 2x mini 4pin Female connectors to 1x 7pin Female aviation adapter
- 10m Male 7pin to Female 7pin extension cable
- 7pin Male aviation connector to 2x Female 4pin connectors (1x Yellow, 1x Black)
- 2x 4pin Male aviation connectors to 2x Female RCA's (1x Yellow, 1x Black)
- 2x DC power cables with Male DC connector to bare wires
- 2x Male to Male RCA adapters
- 2x Self-tapping screws
- 2x Plastic end-caps
- 3M camera shaped foam pad
- Instructions

## INSTALLATION

1. Measure roughly where the camera will be placed, ensure that the area is free from all cables, fuel & oil. Then mark/cut the vehicle for the threading of cables into the vehicle.
2. Place the 3M tape and place the camera on top. Thread the wires and then proceed to screw into place with the self-tapping screws.
3. Connect the two power wires found on the camera to the following:  
Black wire to a suitable ground. Red wire to a switched +12V supply.
4. Connect the 2x mini 4pin connectors on the camera to the corresponding connectors found on the 7pin adapter.
5. Connect the 7pin connector to the 7pin on the extension cable and thread through the vehicle.
6. Attach the remaining 7pin connector from the extension to the 7pin to dual 4pin adapter.
7. Take the 2x 4pin connections and attach both the 4pin connectors found on the RCA/DC split wire.
8. Use both the DC power cables to plug into the black connector and proceed to wire the red to a source of 12V and black to a source of ground.
9. Use the RCA adapter to plug into the yellow RCA on the harness, and proceed to plug this into the aftermarket accessory's video input(s).
10. Test the camera connection by turning on the ignition. The rear camera feed should now be visible on screen. Put the vehicle into reverse and the reverse camera feed will automatically populate on screen.  
If camera feed is unresponsive, please uninstall the wiring and reinstall carefully in accordance with the above steps.
11. The camera will be default with parking guidelines. To remove this, simply cut the green wire found on the camera's connector.

**For further help and support, please contact us directly at  
[support.connects2.com/tickets/technical](https://support.connects2.com/tickets/technical)  
and fill out a support ticket with the full details of your issue.**