



# Connects2Vision

## User Manual

### CAM-39

**Universal wide-angle brake light camera**  
2-in-1 solution: reversing camera / brake light

---

#### PRODUCT INFORMATION:

The CAM-39 is a universal brake light and reversing camera, designed for use on most cars and vans. This camera has a 720 x 480 resolution with a 170-degree wide angle view, giving the driver a clear high res image behind them also assisting the driver are removable parking lines to aid in reversing manoeuvres. The CAM-39 is also IP67 rated to withstand all regular weather occurrences.

---

#### PRODUCT FEATURES:

Image Sensor: 1/3"  
TV Lines: 480  
Resolution: 720 x 480  
Minimum Illumination: 0.1 Lux  
TV System: NTSC  
Waterproof Rating: IP67  
Viewing Angle: 170 Degrees (H) 90 Degrees (V)  
Parking Lines: Yes (Removable)  
Enhanced Performance In Low Light: Yes  
Video Output: 1.0V p-p 75ohm  
Operating Voltage: 12-24V DC (Negative Ground)  
Operating Temperature: -20 Degrees C to +75 Degrees C

---

#### 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 cable to mini Male 6-pin connector and red/black wire for brake light
- Power adapter with colour coded Female 6-pin to Female 4-pin connectors
- 6m Male to Male 4-pin extension cable
- Video output cable with red & black wires and yellow RCA connector

## INSTALLATION

1. Select a suitable location for the camera and proceed to mount to the vehicle using screws as well as double sided tape, this ensuring a firm fitment. Ensure that the area is free from all cables, fuel & oil - wherever possible, avoid locations that are subject to road dirt & water spray.

2. Connect the red and black wires for the functionality of the brake light. The red wire needs to be connected to a source of 12V reverse signal and the black to a source of ground.

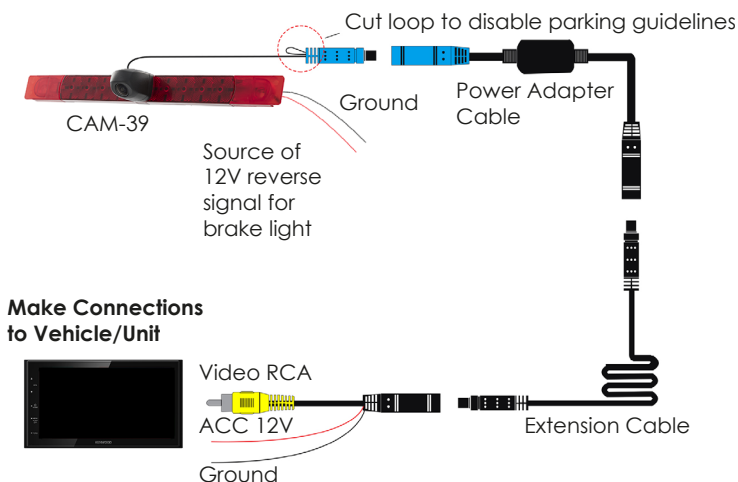
3. Attach the 6-pin connector from the camera to the coloured connector from the 'power adapter cable'.

**Note: to remove the parking line feature, cut the small looped wire which is located on the camera connection cable.**

4. Attach the black connector from the 'power adapter cable' to either side of the '6m extension cable'.

5. Route the extension cable and then connect the remaining 4-pin connector to the 'video output cable'.

6. Connect the black wire to a suitable source of ground and the red wire to a switched 12V supply. Lastly plug the yellow RCA into the back of the stereo.



Subscribe to our YouTube Channel for installation guides and tips... [www.youtube.com/connects2](http://www.youtube.com/connects2)