



# Connects2Vision

## User Manual

## CAM-11

Universal Trajectory Camera  
Surface Mount

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### PRODUCT FEATURES:

Image Sensor: 1099 HD CCD  
TV Lines: 560  
Resolution: 976 x 496  
Minimum Illumination: 0.1 Lux  
TV System: NTSC  
Waterproof Rating: IP68  
Horizontal Angle: 170 Degrees  
Vertical Angle: 120 Degrees  
Parking Lines: Yes - Tracking Lines (Removable)  
Image Adjustment: Yes (Mirror/Normal)  
Enhanced Performance In Low Light: Yes  
Video Output: 1.0V p-p 75ohm  
Operating Voltage: 12V DC (Negative Ground)  
Current Consumption: 40mA @ 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 adjustable mounting bracket a 1m cable to mini Male 4 pin connector
- 1m camera connection cable with mini Female 4 pin connector and RCA Female connector
- 6m RCA Male to Male extension cable
- Instructions

## 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.
4. Whenever possible, avoid locations that are subject to road dirt & water spray.
5. Using the supplied mounting bracket, mount the camera in the required position and connect the 1m camera connection cable to the to the camera's 1m cable.
6. Connect the RCA extension cable to the camera connection cable and display screen and ensure that the image is displayed correctly.
7. Adjustment of the camera may be required to ensure that the correct angle of the image is achieved.
8. To remove the parking line feature and to swap the image from mirror to normal view, cut the small looped wire which is located on the camera connection cable.



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