



...connecting to the aftermarket

# Connects2 Vision

## User Manual

### CAM-16

Universal Camera  
Surface Mounted in Smooth Squared Plastic Housing

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#### **PRODUCT FEATURES:**

Image Sensor 1099 HD CCD  
TV Lines: 480  
Resolution: 976 x 496  
Lumen: 0.1 Lux  
Horizontal Angle: 170 Degrees  
Vertical Angle: 120 Degrees  
TV System: NTSC/PAL  
Video Output: 1.0V p-p 75ohm  
Operating Voltage: 12V DC (Negative Ground)  
Current Consumption: 120mA @ 13.8V  
Waterproof Rating: IP68  
Operating Temperature: -20 Degrees C to +70 Degrees C  
Parking Lines: Yes  
Removable Lines: Yes  
Image Adjustment: Yes (Mirror/Normal)  
Enhanced Performance In Low Light: Yes

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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)**

- Camera with mounting points and 1m cable to mini Male 6 pin connector
- 1m camera connection cable with mini Female 6 pin connector and RCA Female connector
- 6m Male to Male RCA 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. Whenever possible, avoid locations that are subject to road dirt & water spray.
4. Using the camera mounting points, mount the camera in the required position on the vehicle.
5. Using the supplied video cable, connect the camera to the display screen and ensure that the image is displayed correctly.
6. To swap the image from mirror to normal view, cut the small White looped wire which is located on the camera connection cable.
7. To remove the parking line feature, cut the small Blue looped wire which is located on the camera connection cable.



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