User Manual

CAM-10

2 in 1 Parking Sensor & Camera
Surface Mounted (Horizontal)
with Adjustable Angle

PRODUCT FEATURES:

Image Sensor: CMOS
Operating Current: 67mA @ 13.8V
Operating Range: 10.5V – 16V DC (Negative Ground)
Total Pixels: 640 x 480
Resolution: 480 TV Lines
Minimum Illumination: 0.1 Lux
TV System: PAL
Angle: 170 Degrees
Detecting Distance: 0.3m – 2.0m
Ultrasonic Frequency: 40 kHz
Video Output: 1.0V p-p 75 ohms
Operating Temperature: -20 Degrees C to +70 Degrees C
Image: Mirror

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

- Camera and sensor unit with 60cm cable to RCA Female video connector, Female DC connector & 2 pin buzzer connector
- Buzzer with 2m cable to 2 pin connector
- 1m DC power cable with Male DC connector
- 6m Male to Male RCA extension cable with supply line
- Adhesive pads
- 3, 5 & 7 degree mounting spacers
- Instructions

INSTALLATION

1. Connect the Black wire to a suitable ground and the Red wire to a switched +12V supply.
2. If the camera/sensor unit 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/sensor unit 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. Mount the camera/sensor unit in the required position and connect the 6m extension cable and buzzer.
6. Connect the camera/sensor unit to the display screen via the Yellow RCA connector and ensure that the image and parking sensor information is displayed correctly.
7. Mount the buzzer in a suitable location so it can be easily heard by the driver. The angle of the camera/sensor unit can be adjusted by using the supplied mounting spacers so that the parking lines correspond to the distance of the object detected by the sensor (see distance/safe zone/alarm sound/OSD parking information)
8. To switch from PAL to NTSC, cut the small wire on the camera and sensor cable.

DISTANCE/SAFE ZONE/ALARM SOUND/OSD PARKING INFO

Distance: >2m | Safe zone: Safe | Alarm sound: No sound |
OSD parking info: Green distance digits and parking line

Distance: 1.6-2m | Safe zone: Safe | Alarm sound: No sound |
OSD parking info: Green distance digits and parking line

Distance: 1.0-1.5m | Safe zone: Alarm | Alarm sound: BI..BI..BI |
OSD parking info: Green distance digits and parking line

Distance: 0.6-0.9m | Safe zone: Alarm | Alarm sound: BI..BI.. |
OSD parking info: Yellow distance digits and parking line

Distance: 0.5m| Safe zone: Danger | Alarm sound: BI.BI. |
OSD parking info: Red distance digits and parking line

Distance: 0.3-0.4m | Safe zone: Danger | Alarm sound: BIBIBI |
OSD parking info: Red distance digits and parking line

Distance <0.3m | Safe zone: Danger | Alarm sound: BI…… |
OSD parking info: Red "STOP"