



PARKING SOLUTIONS

Installation and User Manual

CAMERA WITH PARKING SENSOR

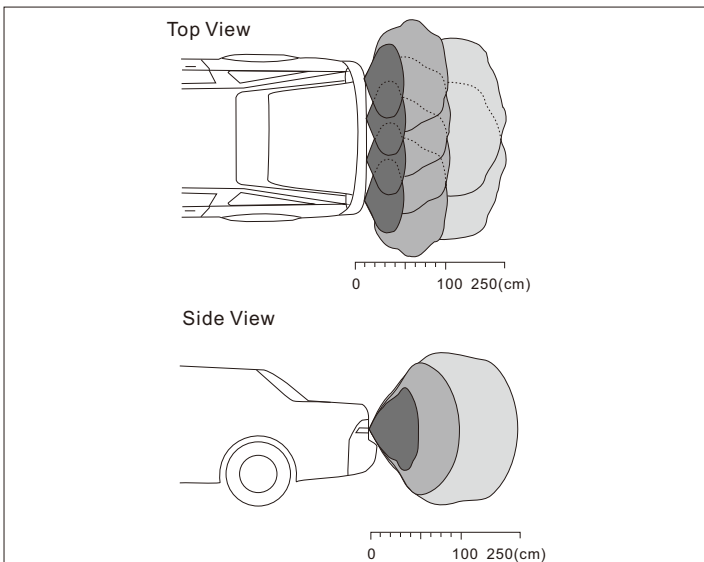
MAIN FEATURES

- OEM car display style
- Camera and Parking sensor synchronous display
- 3.5" digital LCD Monitor
- Four-stage simulation distance display

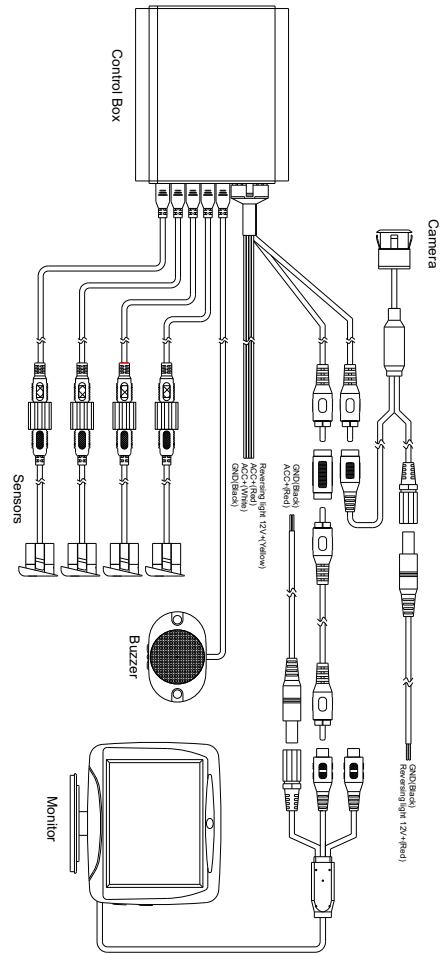
TECHNICAL SPECIFICATIONS

- Rated Voltage: DC 12V
- Operating Voltage: DC 9~16V
- Operating Current: <480mA
- Detecting Distance: 0.3~2.5m
- Ultrasonic Frequency: 40KHz
- Working Temperature: -20~+70°C

DETECTING RANGE



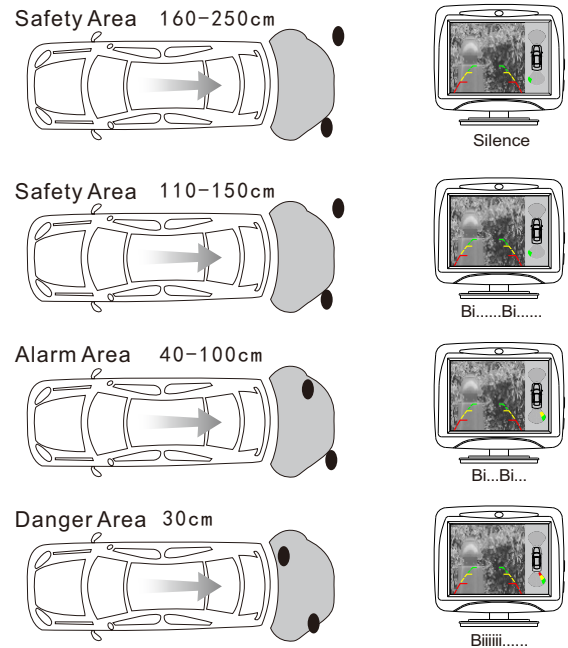
WIRING DIAGRAM



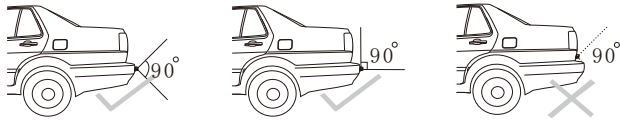
ALARM MODE

Stage	Distance	Awareness	Alarm Sound	Bars
1	>2.50m	Safety Area	Silence	Bars
2	2.50~1.60m	Safety Area	Silence	Green
3	1.50~1.10m	Alarm Area	Bi.....Bi.....	Green
4	1.00~0.40m	Alarm Area	Bi...Bi...	Yellow+Green
5	0.30~0.00m	Danger Area	Bi!!!!!!.....	Yellow+Green+Red

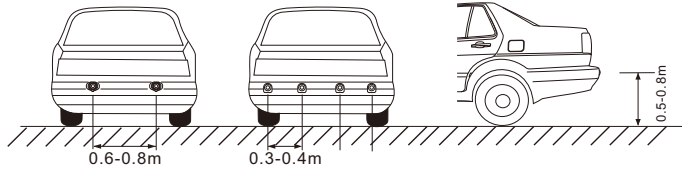
DISPLAY STATUS



SENSOR INSTALLATION DIAGRAM

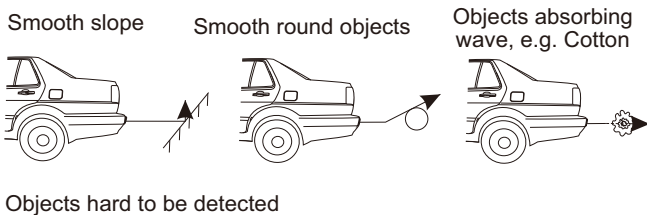


Be sure no other part of vehicle falls into detecting range of sensors.



The best position
for 2 sensors

The best position
for 4 sensors



Objects hard to be detected

INSTALLATION AND TEST

1. Adjust the directions of the sensors and axial orientation, neaten the wiring after installing the sensors.
2. Connect the power supply of control box to the reversing light.
3. Connect the data wires between the control box and display.
4. When the car is started and in reverse gear, the buzzer sounds "BiBi" to enter into working status, 1s later, it turns to standby status. Insert one of the sensors into corresponding interface in control box. Human being could be detected normally, if he stands within 1.0m right before the sensor; Pull out the sensor, and check other sensors in the same method. Insert all the sensors in corresponding interfaces after testing.

Test:

- a. After connect a sensor with the control box, if the buzzer sounds "Bi" please check whether there is any obstacle around it, or the sensor is fixed too tight or close to great interference sources (such as vent-pipe, wires);
- b. If the display shows any distance figure with no obstacle around the sensor, the sensor may detect the ground or some outshoots of the car (such as registration mark etc.), please check the directions of sensor and axes;
- c. If the system still could not work properly after the above mentioned handling, the sensor(s) can be deemed defective, or unmatch with the control box. The system should be replaced.

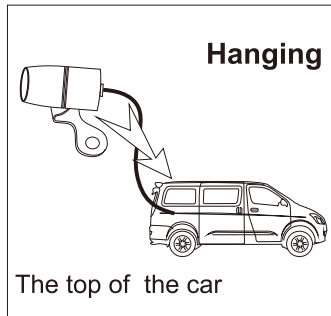
CAMERA INSTALLATION DIAGRAM

A. Hanging installation:

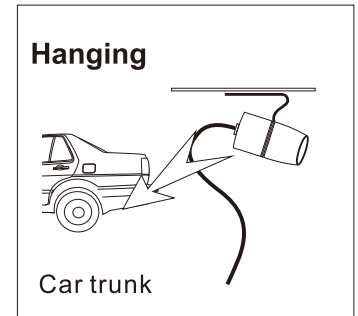
Please fix the camera on the top of boot back lid or the license plate. The offered screws are needed to fix the camera direction.

B. inset installation:

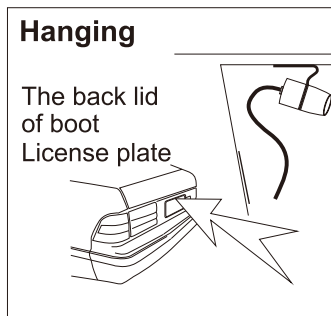
Please drill hole on the car. The hole size must be as same as the size of the camera.



The top of the car

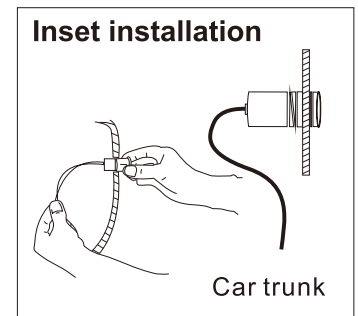


Car trunk



Hanging

The back lid of boot
License plate



Inset installation

Car trunk

Remind:

To prevent the leak of water, please pay attention to the airproof when the camera is installed on the top of the car

NOTE

1. The car must be in power-off, during the installation of the system
2. Its performance may be affected in following situation: heavy rain, gravel road, bumpy road sloping road and bush, very cold, hot or moist weather, or the sensor is covered by snow, ice et.
3. Switches among ultrasonic, electric wave, DC and AC and those among 12V voltages may also effects its performance.
4. The sensors should be installed appropriate loose or tight.
5. Its performance will be effected if the sensors are fixed on metallic bumper.
6. Avoid installing the digital control box in places of great interference, such as vent-pipe, wiring nearby.
7. Test the system to make sure it works normally before using.
8. This system is a reversing aid and the manufacturer will take no responsibility for any accidents caused after the kit is installed.