



OWNER'S

MANUAL



RVC-42AI

Artificial Intelligence Camera

WARNING!

PLEASE READ CAREFULLY BEFORE USING

Installation Procedure

ATTENTION

To prevent injury or fire, take the following precautions:

- Installation and wiring of this product require specialist skill and experience.

PRECAUTION

To prevent damage to the product, take the following precautions:

- Make sure to ground the unit to a negative 12V DC power supply.

NOTE

- A Rear-view camera is a camera that provides symmetrical images in the same way as rear and side view mirrors.
- Connection to a TV with an RCA video input is possible, but confirm whether the TV you use has a reverse gear connection function.
- This Camera features a wide-angle lens, so the near view is wide and the far view is narrow, which may create a false sense of distance
- Check camera bracket installation before driving. Are the screws loose?
 - Is the camera bracket firmly secured?
 - If the rear-view camera comes loose while you are driving it may cause an accident.

- Before finally installing the unit, connect the wiring temporarily, making sure it is all connected up properly, and the unit and the system work.
- When mounting this unit, make sure none of the leads are trapped between this unit and the surrounding metalwork or fittings.

Installation Procedure

- 1** To prevent a short circuit, remove the key from the ignition and disconnect the battery.
- 2** Make the proper input and output wire connections for each unit.
- 3** Connect the wiring harness wires in the following order: ground, ignition and camera unit.
- 4** Install the unit in your car.
- 5** Reconnect the battery.

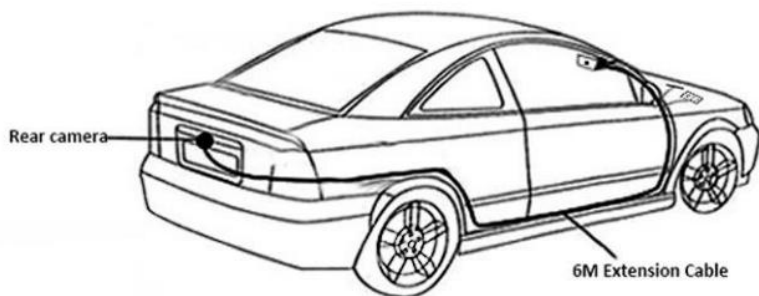
Accessories

1. Buzzer – 1Pcs
2. Video Cable 6.0m – 1Pcs
3. Hole Saw Driller – 1Pcs
4. Instruction Manual
5. Warranty Card

Installation

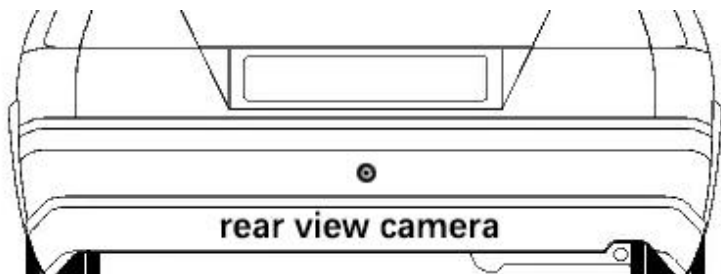
Recommended Installation Position

Drilling Installation - Car Bumper



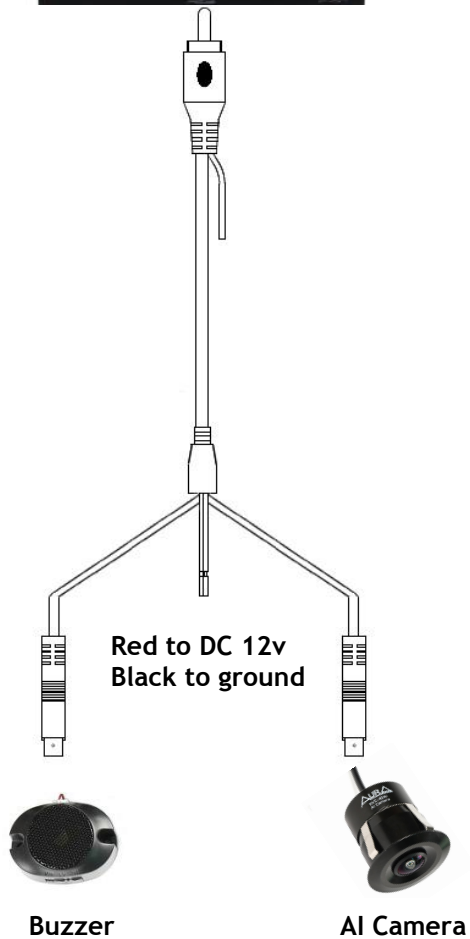
Using Hole Saw Driller Pierce a hole.

Mount the camera onto the hole.



Basic Connections

Headunit



Specifications

Item	Description
Image Sensor	1/3" CMOS
Output formats	PAL
Effective pixel array	1920(H) x1080(V)
Resolution	2.0MP
Frame rate	1080P@25fps
Video amplitude	1.0VPP@75Ω
White balance	Auto
Video Signal	AHD
SNR	> 52dB (AGC OFF)
Gain Control	Auto
BLC	2D DN, 3D DNR
Gamma correction	0.45
View Angle	Horizontal: 140°
View AngleImage Character	Vertical: 80°
	Rear view
Working Voltage	12V
Working Current	89mA
Working Voltage Range	4.8~5VDC
Working Temperature	-20~+70℃
Storage Temperature	-30~+75℃
Image Quality Assurance Temperature	-20~+65℃
Environment Humidity	90%RH
Waterproof Grade	IP67(Camera Part)



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