



OWNER'S

MANUAL



RVC-42AHD

Universal Rear View 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.
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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

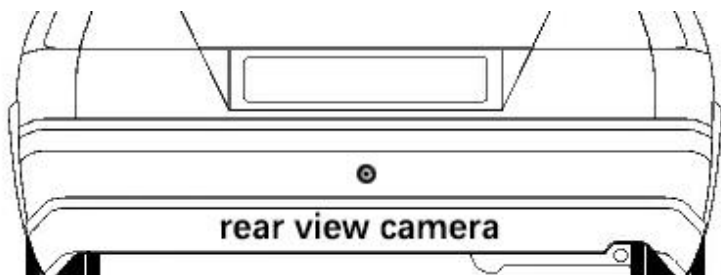
1. Power Cable 1.5m – 1Pc
2. Video Cable 6.0m – 1Pc
3. Screw/Nuts – 2 Sets (for bracket mount)
4. Hole Saw Driller – 1 Pc (Only for Drill Style Camera)
5. Instruction Manual
6. Warranty Card

Installation

Recommended Installation Position

1. Drilling Installation - Car Bumper

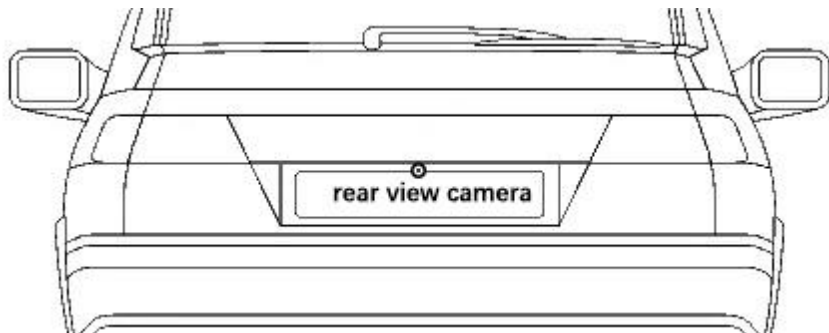
Using Hole Saw Driller Pierce a hole of rear bumper.
Mount the camera onto the hole.



2. Butterfly Installation - Above license plate light

Adhere the camera and car with high strength double sided foam sticky tape .

Install 2 screws for fixation.

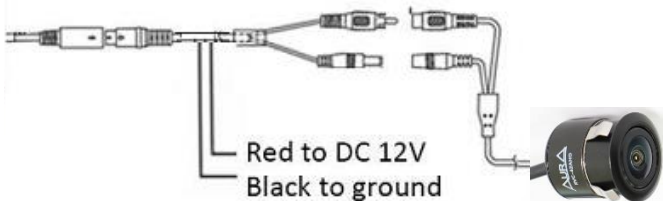


Basic Connections - Type 1

RCA Cable diagram:



Headunit

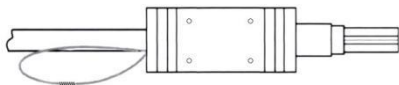


Camera

Basic Connections - Type 2

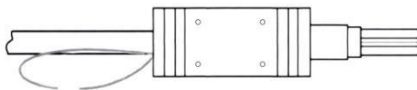
Depending upon Head unit compatibility, chose the connection as below

1. AHD -PAL CONNECTION METHOD



Connect white line (cut off the white PVC sleeve, connect copper wire on both sides)

2. CVBS-NTSC CONNECTION METHOD



Default state :white line has been cut for ex-works test.

Note: We recommend changing the video camera operation modes when the device is turned off. The video camera must be reset after wire has been connected.

Specifications

Item	Description
Image Sensor	CMOS 1/3
Output formats	PAL/NTSC
Effective Pixel Array	1280(H) x 720(V) AHD – 733(H) x 493 (V) CVBS
Resolution	1.0MP
Day and Night Mode	Colour
Video Amplitude	AHD/CVBS
Day/Night Mode	Auto
Video Signal	AHD/CVBS
Exposure	Auto
Gain Control	Auto
White Balance	ATW
Min. Illumination	0.02Lux@ (F1.2, AGC ON)
Wide Angle Diagonal	170°
View Angle	Horizontal 140°
	Vertical 100°
Image Character	One switchable line: AHD PAL or CVBS NTSC switchable
Working Voltage	12V DC
Working Current	80±10mA
Working Voltage Range	9~15V DC
Working Temperature	-25~+70°C
Storage Temperature	-30~+75°C
Image Quality Assurance Temperature	-25~+70 °C
Environment Humidity	90%RH
Waterproof Grade	IP68

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