



**nu**<sup>®</sup>  
Simply Better

# *UniSee*<sup>TM</sup> Installation Guide

## **Vehicle Multi Camera System**

## Caution

- **Power**

The product accepts 9V to 30V DC that could adopt the vehicle with 12V or 24V.

- **Safety**

If error occurred, please contact professional technician or the local distributor. Please do not repair it by yourself.

- **Copyright**

It's possible to damage the product if you modify the product without the confirmation from our company or authorized units.

- **System Function**

Low power consumption; Over voltage protection; Reversed power protection.

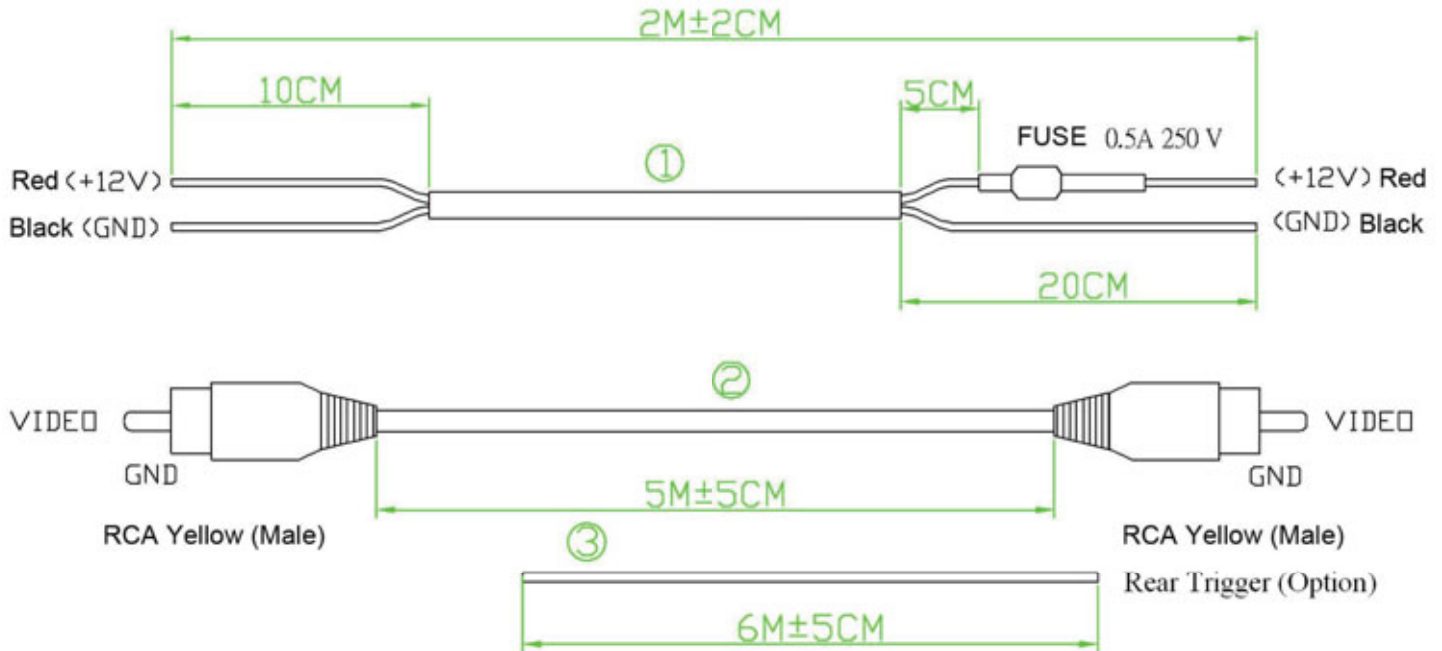
## Package

- Please open the package and check the below items are inside.



- After checking, please follow the instruction to install.

## Definitions of Harness



### Power on

Check all the harness is connected correctly before operate this system.

## Install the Cameras :

### Backup Image:

- Please install camera C1316N. You could choose to install on the center of rear bumper or the top of plate. The camera builds within the parking guide line which bases on the 60cm height and 183cm width. Please be noticed the parking guide line would "NOT" adjust automatically by different height or width of vehicles.

### 1. Install on the center of rear bumper

Drill a camera mounting hole with  $\varnothing 20\text{mm}$  on the center of rear bumper. Assemble camera and harness temporarily until the all system install completely. Fix the camera after confirm the image and signal source are correct in last step. Please keep camera toward upside with triangle sign. (The triangle is on the side and back of camera)



### 2. Install on the top of plate. (Need optional cover housing)

Camera needs assembly with cover housing and mount on the top of plate. Near central part will be the better place.

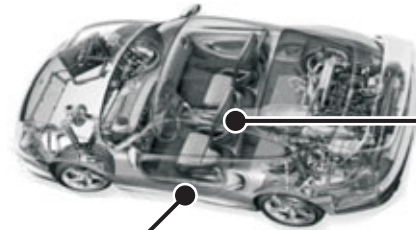
Cover Housing for  
Rear Camera



Install the Harness :

**1.Harness of Backup Image**

1.1 Remove the door trim through of left door and the cushion and back of backseat.

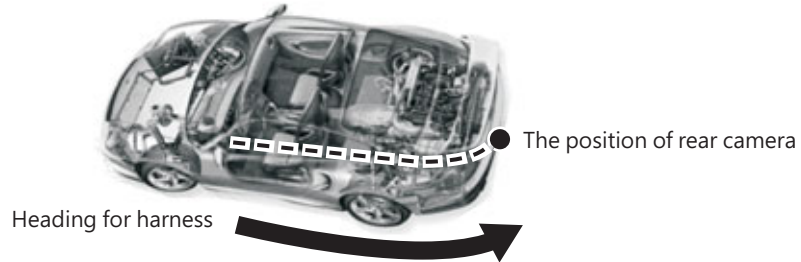


Remove the cushion and back of backseat

Remove the door trim through of left door



1.2 Heading the RCA yellow male harness through the direction of 1.1 to the rear camera.



## 2.Harness of Monitor Image

Remove the A pillar cover. Deploy the RCA harness through the skid plate under dashboard toward A pillar to LCD Monitor. With the mirror type monitor, extend the cable further to the roof panel. With the built-in monitor, follow the OE instruction to connect the video signal. If the built-in monitor has 2 AV channels, and it need rear trigger harness to connect monitor and the rear signal.

## 3.Harness of Power

Connect the Power harness to the Backup Light power .

## 4.Harness of GND

Attach the GND harness to the Backup Light GND.

## 5.System Test

Start engine to ACC on, turn on the LCD monitor. Check the image and view angle is normal from back cameras. Operate backup trigger and check the system is normally.

6.Completed System Test. Fix backup cameras and finish the system installation.

## Troubleshooting

Malfunction	Possible Cause	Solution
System is not on	Connector of the harness is not fully inserted into controller	Reconnect the harness
	Monitor is not correctly connected	Reconnect the monitor cable
	ACC or GND is not connected correctly	Reconnect the two wires. The contact of GND wire shall be free of dust and coating
	Fuse burning out	Replace the fuse
Image is not clear	Video cable is not connected properly	Reconnect the fault camera
	Camera is damaged	Replace the camera
	Lens is contaminated	Clean the lens
Image is not switched correctly	Rear view is not displayed	Reconnect the rear trigger
Image is not showed	Video cable is not connected	Reconnect it as the instruction
Triggered image shows very slow	Monitor delays itself to power on	Change a monitor or set the monitor to standby mode as default
No responses for all actions	Damaged by lightning, static electricity or other interference	Turn the engine off, and re-start it

- If the fault could not resolve by above ways, please let a professional technician repair or contact the local distributor. Please do not try to repair it on your own.



## Specification

<b>Operate Voltage</b>	DC 9V-30V
<b>Video System</b>	720X486 (NTSC)
<b>Video Input</b>	11.0V p-p/75Ω×4
<b>Video Output</b>	Monitors (1.0V p-p/75Ω)×1
<b>Trigger</b>	Rear trigger
<b>Assistant Parking Line</b>	Yes (static)
<b>Operate Temperature</b>	Camera -40°C ~ 85°C
<b>Power consumption</b>	Standby about 2W
<b>Water Resistance Level</b>	IP68

- Note: The specifications and appearance subject might be changed without prior notice.



# UniSee™

**For further information :**



**B E N E L U X**

Spoorstraat 7 – U705

4702VV Roosendaal

Nederland

[Info.rcbi@gmail.com](mailto:Info.rcbi@gmail.com)

Tel NL : +31-(0)164-602928

Fax NL : +31-(0)164-602928

GSM NL : +31-(0)6-53618876

GSM B : +32-(0)495-518486