



RA8100

Reversing Camera

High Definition Reversing Camera

RA8100 User Guide

About this guide

The content of this document is for information purposes and maybe subject to change without prior notice. We have made every effort to ensure that this User Guide is accurate and complete.

However, we are not subsequently liable for any errors.

The manufacturer reserves the right to change the technical specifications without prior notice.

Caution and Important Notice

- Please read the installation guide and important notices before use.
- Professional installation of this product and wiring is highly recommended.
- We cannot be held liable or any damages due to improper installation such as power short circuit, vehicle's battery damage, in-car decoration damage etc.
- To avoid damage use caution when installing/removing cables. Prevent installing cables near movable parts e.g. air bags, screws, seat rails. DO NOT twist or place cable close to any heat source, such as heater/AC pipes and ducts.
- A circuit tester is required.
- The product's performance is affected by the reliability of the connection source.
- We are not responsible for any issues caused by improper installation.

Specification*

TV System	PAL
Sensor	1/3" CMOS PC1058 Chipset
Resolution	800 TVLINES
Video out	1Vp-p,75 Ohm
S/N Ratio	Better than 52dB
Current Consumption	Up to 300mA
Power Supply	12V DC
Operating Temperature	-20°C ~ +70°C (RH95%Max.)
Storage Temperature	-40°C ~ +85°C (RH95%Max.)
Lens angle	128° Vertical
Horizontal Angle	170° Horizontal
Water-proof	IP68
Minimum Luminance	Min 0.8lux/f1.2(ir)

*Due to continuous improvement the specification may change without prior notice

Connection V

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Red Cable Connect to the switched positive on the reversing lamp. This cable should only be live when the ignition is On and the vehicle is in reverse gear

Black Cable: Connect to the metal body of the vehicle.

1 2 3 4

5 6 the loop to add parking line guides to the image.

White - Join the loop to reverse the image (*mirror*)

RCA Cable (yellow): Connect to the *Video-in* of the monitor or head unit.

7 8 * - If you need to manually control the camera via a switch at the front of the vehicle, rather than engaging reverse gear. Connect the Red wire (on the RCA cable) to the Red wire on the camera power cable and opposite end to the switch. The switch should then be connected to a fused positive supply (a switch not included in the kit) .

Troubleshooting:

Image is not displayed on the monitor or head unit:

Check the video cable connections.

Check the camera has power when the vehicle is in reverse gear, with the ignition on.

Check the configuration/settings of the head unit.

The image is not clear:

Is the camera lens dirt or scratched?

The image is inverted:

Check the camera orientation.

In Phase International Ltd. Limited Warranty

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CONTACT INFORMATION

Please direct any questions about this Limited Warranty to In Phase International Ltd. at the address located at: roadangelgroup.com/contact

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