

# **NESA<sup>®</sup>**

**NRC-80W**

## **Heavy Duty Rear View Camera**



**USER MANUAL & INSTALLATION GUIDE**

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## 1.0 INTRODUCTION

Thank you for purchasing Nesa's NRC-80W camera. We are certain that our product will give you trouble-free operation while providing you with safety features that enhance your driving experience.

### DISCLAIMER

Our products are to assist and aid the driver, not to replace the manual function of the person operating the vehicle.

Although the NRC-80W is a visual aid and will allow you to view what is behind the vehicle, it does not remove the responsibility of driving the vehicle from the driver. Legal responsibility and safe driving practise remains with the driver at all times. You have purchased this product with the understanding that its use is as an aid only. We highly recommend that you have this product professionally installed to ensure that it will provide the functions it is set out to perform.

### CAUTION

- Ensure you are using your rear camera within your countries' road laws. Please make sure you are familiar with your local road legislation before use.

## 1.1 COMPONENT LIST

- NRC-80W reverse camera
- 10m extension cable
- RCA adapter
- Screws and Allen key
- Installation guide and user manual

### IMPORTANT NOTICE

- Please read this manual carefully before using the product.
- Wire connection points should always be insulated.
- Wiring should always be installed away from heat sources and electrical components.

- Please perform tests after finishing installation to ensure camera is working correctly.
- This camera is intended for use as an aid when reversing your vehicle. Drivers must always use extreme caution when operating a vehicle.
- Specifications are subject to change without notice.

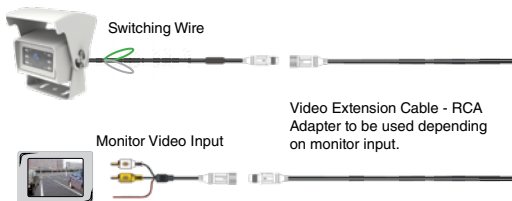
### WARNING

- Do not disassemble the camera or cut the camera cable as this voids the warranty. Disassembling the camera will compromise the waterproof seal.

## 1.2 TECHNICAL SPECIFICATIONS:

Signal System:	NTSC
Horizontal Resolution:	800 TVL
Minimum Illumination:	0.0 Lux
Diagonal Angle:	150°
Waterproof Rating:	IP69K
Nominal Voltage:	12V/24V
Working Temperature:	-30°C to 85°C

## 2.0 WIRING DIAGRAM



**Front view option:** NRC-80W functions as a rear view camera as standard. To change the orientation of the image to front or side view please cut the WHITE wire near the camera lead.

### 3.0 REVERSING GUIDELINES

**Guideline option:** NRC-80W has parking guide-lines as a default. To remove guide-lines, cut the thin GREEN wire near the camera lead and the guide-lines will now be removed.

### 4.0 TESTING

#### 4.1 HOW TO TEST

1. Apply the parking brakes. (Safety Precaution)
2. Turn ignition on. (DO NOT TURN ON VEHICLE)
3. Shift into reverse gear.
4. Image should appear on the monitor.

### 5.0 TROUBLESHOOTING

PROBLEM	SOLUTION
"No Signal" appears while reversing	1. Check video input connections 2. Check camera power connections
Video image is not sharp	Check camera lens for debris

### 6.0 CARE AND MAINTENANCE

Always keep camera clear from dirt and mud. Clean camera with a soft moist cloth.

### 7.0 WARRANTY TERMS & CONDITIONS

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is provided in addition to your rights under the Australian Consumer Law.

Neltronics warrants that this product is free from defects in material and workmanship for a period of 36 months from the date of purchase or for the period stated on the packaging. This warranty is only valid where you have used the product in accordance with any recommendations or instructions provided by Neltronics.

This warranty excludes defects resulting from alterations of the product, accident, misuse, abuse or neglect.

In order to claim the warranty, you must return the product to the retailer from which it was purchased or if that retailer is part of a National network, a store within that chain, along with satisfactory proof of purchase. The retailer will then return the goods to Neltronics. Neltronics will repair, replace or refurbish the product at its discretion. The retailer will contact you when the product is ready for collection. All costs involved in claiming this warranty, including the cost of the retailer sending the product to Neltronics, will be borne by you.

**For full warranty terms and conditions, visit:**

<https://www.neltronics.com.au/warranty-terms-and-conditions/>

**Neltronics Address:** 4/50 Jersey St, Jolimont, Western Australia

**Ph:** +61 08 9383 7833 **Email:** [admin@neltronics.com.au](mailto:admin@neltronics.com.au)

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