



## MIDLAND Plug and Play Reverse Camera For Campers Installation Guide

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### MIDLAND Plug and Play Reverse Camera For Campers



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## About this Guide

The content in this document is for information purpose and is subject to change without prior notice.

We made every effort to ensure that this User Guide is accurate and complete. However, no liability is assumed for any errors and omissions that may have occurred.

### MIDLAND refuses any liability:

- in the event of loss or accidental breakage caused by the failure or breakage of the fixing supports;
- in case of any possible damage caused by such failure or breakage.

The manufacturer reserves the right to change the technical specifications without prior notice.  
Keep this user manual for further reference.

## Warnings

- Do not expose Monitor to extreme temperature. Storage temperature is  $-30\div 80^{\circ}\text{C}$ , working temperature is  $-20\div 70^{\circ}\text{C}$
- Do not use the Monitor with excessive moisture, dust or smoke.
- Do not use the Monitor with excessive vibrations, shock or falls.
- Do not puncture, scratch or use abrasive cleaning products.
- Install the wires in way they cannot be ripped or make you falling down
- Leave at least 5cm space behind the Monitor
- Monitor is not waterproof
- The system can be powered 12 V
- To clean the camera do not use thrill chemical substances or clean solvents, but only a moist soft cloth.
- At the end of its life, do not discard the system randomly and do not throw it into the fire, it may explode.
- Due to local laws and vehicles safety considerations, do not manually operate the device while driving.

This camera is intended for non-commercial use, within the limits permitted by applicable law.

## **WARNING**

Monitor works with high voltage inside. Opening and repairing has to be done by professional and authorised technicians. Any opening or modification will void the warranty.



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK).  
NO USER SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

## **Monitor features**

- Operating frequency: 2.4GHz
- Wireless up to 20m
- 12V power supply
- High resolution monitor
- Mirror the image
- Auto pairing with camera
- Screen dimensions 4.3"
- Pixel: 480xRGBx272
- Brightness: 400 cd/m2
- Image format: 16:9
- Contrast: 300:1
- Video system: PAL/NTSC
- Power supply: DC12V+/10%
- Cigarette lighter plug with coiled cable 80cm (extendable)
- High resistance suction cup mount, adjustable of 360° at the base and of 90° vertically

## **Camera Features**

- Operating frequency: 2.4GHz
- 120° viewing angle
- 12 IR leds for night vision
- IP 67 certification
- Auto pairing with monitor
- Resolution 580x492 NTSC
- Automatic white balance
- Automatic power on/off
- 3 installation types: magnetic, adhesive with Velcro, with fixing screws
- Adjustable tilting
- Integrated Li-Ion battery pack 2160 mAh

Battery life 6-8 hrs in continuous use (it can reduce if used by night); some days in standby mode.

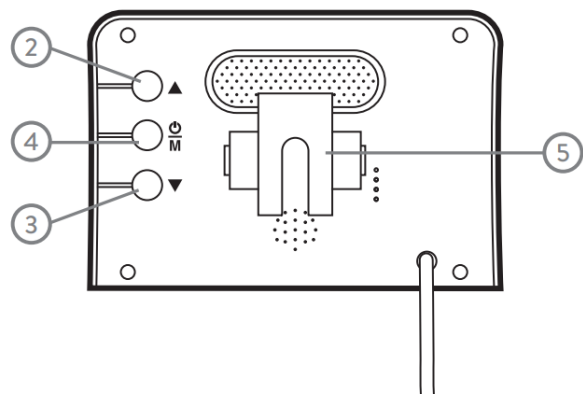
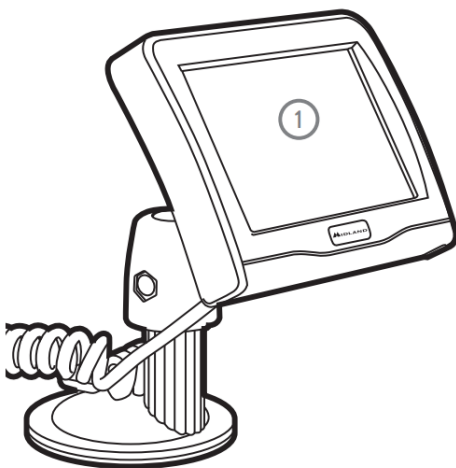
- Recharge jack
- USB recharge cable supplied in the package

## Box content

- Wi-fi Monitor
- Wi-fi Camera
- Power supply cable with cigarette lighter adapter (for Monitor)
- USB cable (for camera)
- Magnetic mount
- N°4 fixing screws
- Adhesive Velcro for monitor
- Suction cup mount for camera

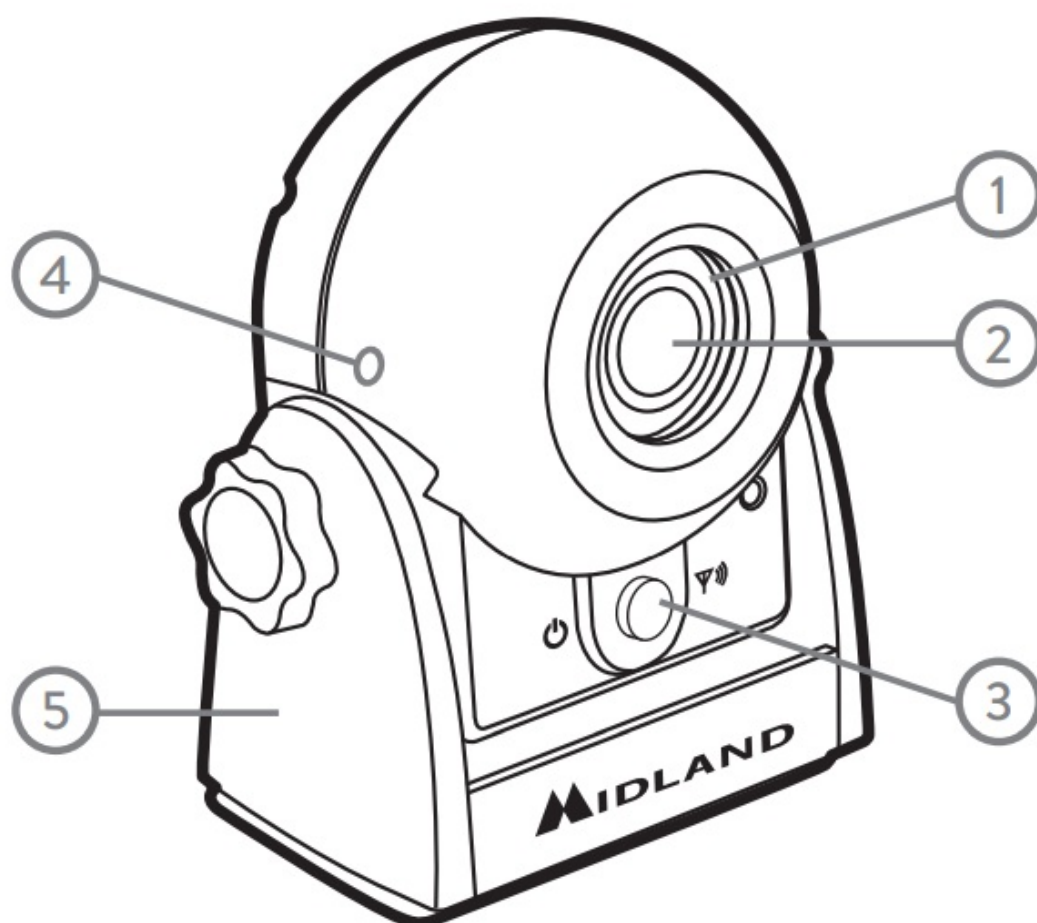
## System description

### Monitor



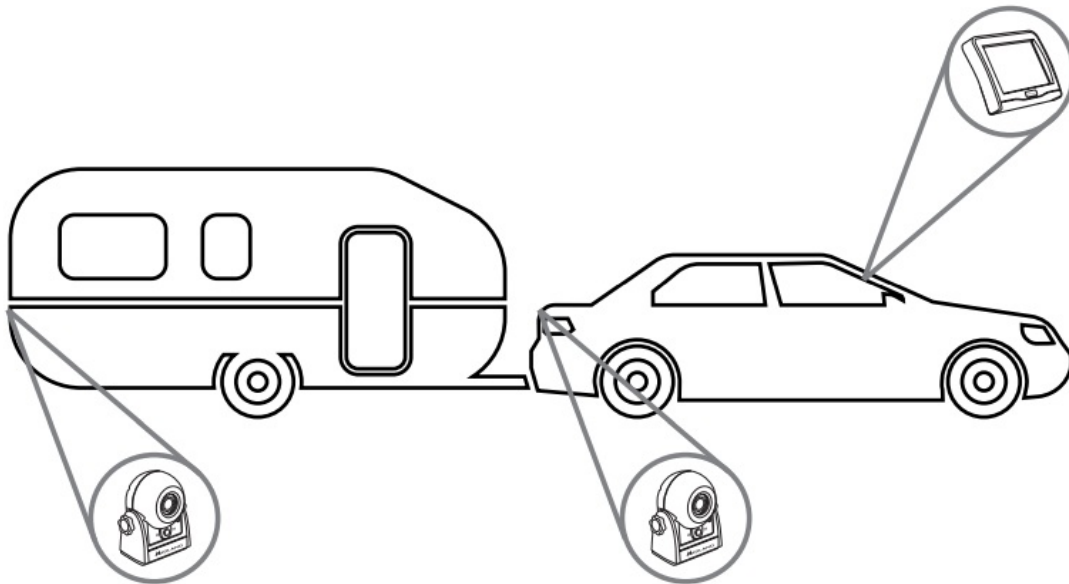
1. 7" LCD screen
2. ▼ button: menu levels
3. ▲ button: menu levels/mirror image
4. MENU/POWER: press to enter system settings
5. Fixing bracket

### Camera



1. 12 IR Leds
2. Lens
3. Power/pairing
4. Recharge plug
5. Mounting bracket

### Kit setup



1. Connect the monitor's power supply cable to the cigarette lighter
2. Turn on the camera by pressing the POWER button
3. Now it's possible to view the images

The camera can be positioned on the rear side of the motorhome, but can also be placed on the back of your vehicle when coupling a towing/caravan.

### Quick use

1. Connect the monitor to the cigarette lighter plug and the system automatically turns on.
2. Press MENU button to customize the monitor settings.

### Menu

Push MENU button, you will find the following options:



#### **BRIGHTNESS**

You can set the brightness of the image



#### **CONTRAST**

You can set the image contrast



#### **HUE**

You can set the image hue

#### **LINES ON/OFF**

Enables/disables the guidelines

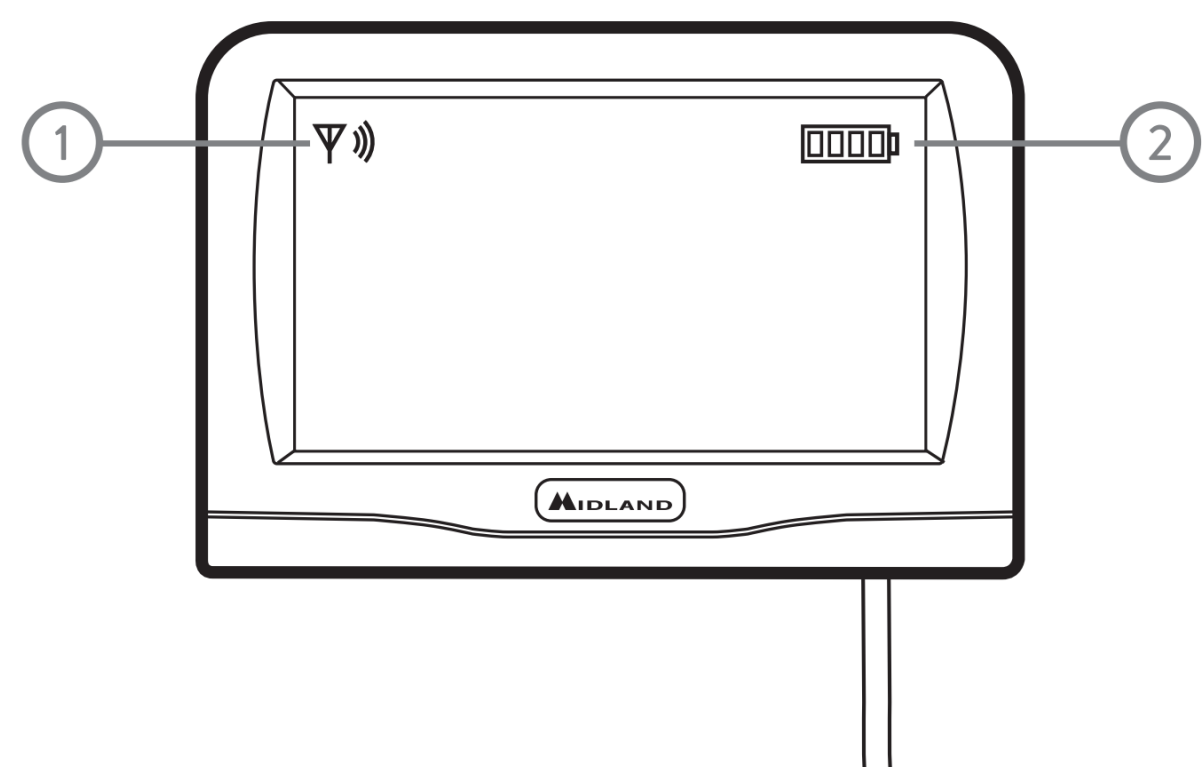
#### **MIRROR**

press shortly ▲ and the image will be overturned horizontally.

### Pairing

1. Keep pressed the MODE button; the display will show "Pairing".
2. Turn on the camera; within a few seconds the screen displays what is being filmed.

Display Symbol



- 1. Wi-Fi signal strength
- 2. Battery status indicator of the camera

Troubleshooting

Problem	Possible Solution
No image	Verify the good connection of the monitor's power cable
Dark/pale image or bad colour	Set correct contrast, brightness and hue of the image

Monitor Technical Specs

LCD	4.3" (16:9)
Monitor Resolution	480 RGB x 272
Contrast	300:1
Brightness	400cd/m2
Working Frequency	2400 MHz
Output power	17 dBm
Tx Distance	20 m
Video	PAL/NTSC
Power Supply	12±20%
Power Consumption	Max 1,3W
Working Temperature	-20 / +70°C
Stocking Temperature	-30 / +80 °C
Size	122x80x25mm

## Camera Technical Specs

Sensor	OC7959 1/4" CMOS
Resolution	580×492
View Angle	120°
IP Protection	IP67
Night Vision	12 led IR
Tx Distance	20 m
Tx Distance 20 m Power supply	Integrated Li-Ion battery pack 2160mAh
Working Temperature	-20 / +70°C
Stocking Temperature	-30 / +80 °C
Size	78x65x43mm

Specifications may vary without prior notice.

To download further updating and for information about the warranty please visit [www.midlandeurope.com](http://www.midlandeurope.com)

**Table 1**

Frequency	Power	Equipment type/model
2.4GHz	17dBm	WIRELESS RV CAM

## Certifications



**CY/MT/IE**

The manufacturer MIDLAND EUROPE Srl, hereby declares that the product listed in Table 1 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The declaration of conformity is available on the web site: <http://www.midlandeurope.com/it/pagina/10090-certifications>

**AT/DE/CH/LI**

The manufacturer MIDLAND EUROPE Srl. hereby declares that the products listed in Table 1 comply with the requirements and provisions of Directive 2014/53/EU. The declaration of conformity is available at the following link: <http://www.midlandeurope.com/it/pagina/10090-certifications>

Produced or imported by: MIDLAND EUROPE srl  
Street. R.Sevardi 7 42124 Reggio Emilia – Italy.  
Before use, read the instructions carefully.



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## Documents / Resources



[MIDLAND Plug and Play Reverse Camera For Campers](#) [pdf] Installation Guide  
Plug and Play Reverse Camera For Campers, Play Reverse Camera For Campers, Reverse Camera For Campers, Camera For Campers, Campers

## References

- [^ Midland Europe | Radio and CB, Motorbike intercom systems and Action Cams](#)
- [^ Certificazioni - Midland](#)
- [User Manual](#)

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