



VECLESUS Wireless Rear View Camera System User Manual

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VECLESUS Wireless Rear View Camera System



Warning: Please read this manual carefully before installing. If you encounter any problems during installation, please contact customer service: service@veclesusclub.com

What is in the Box?



Package List

- Starlight NightVision Weather Proof Wireless Camera
- 1 * 4.3" TFT LCD Color Wireless Monitor
- 1 * Camera Power Cable
- 1 * Cigarette Lighter
- 1 * USB Power Cable
- 1 * Plastic Crowbar
- 1 * Sticker Bracket
- 1 * Suction Bracket
- 1 * User Manual
- Other accessories (Clamps, screws and Straps)

Introduction

VEICLESUS M1W wireless backup camera system contains a 4.3" TFT LCD color wireless monitor and a starlight super night vision weather proof wireless camera, with 2.4G digital wireless transmission technology and strong suction mount, M1W provides 2 installation methods for your vehicles, so that you are no longer to worry about wiring during the installation of your reversing system. It will be very easy installation and ensure your driving safety!

Safety Information

USAGE

- This wireless rear view camera system is designed to help the driver safely detect people and/or objects helping to avoid damage or injury. However, you the driver, must use it properly. Use of this system is not a substitute for safe, proper or legal driving.
- Never back up while looking at the monitor alone. You should always check behind and around the vehicle when backing up, in the same way as you would if the vehicle did not have the rear view camera system. If you back up while looking only at the monitor, you may cause damage or injury. Always back up slowly.
- Please, always remember, the area displayed by the system is limited. It does not display the entire panorama that is behind you.

INSTALLATION

- Electric shock or product malfunction may occur if this product is installed incorrectly.
- Please use this product within the voltage range specified. Failure to do so can cause electronic shock or product malfunction.
- Take special care when cleaning the monitor.
- Make sure to firmly affix the product before use.
- If smoke or a burning smell is detected, disconnect the system immediately.
- Where the power cable may touch a metal case, cover the cable with a friction tape. A short circuit or disconnected wire may cause a fire.
- While installing the Rear View System be careful with the wire positioning in order to avoid wire damage.
- Do not install the monitor where it may obstruct drivers view or obstruct an air bag device.

Before Beginning Installation

Before drilling please check that no cable or wiring is on the other side of the wall. Please clamp all wires securely to reduce the possibility of them being damaged while vehicle is in use. Keep all cables away from hot or moving parts and electrical noisy components.

We recommend doing a benchmark test within the voltage range specified before installation to insure that all components are working properly.

Step 1: Choose the monitor and camera locations.

Step 2: Install all cables in vehicle, when necessary a hole should be drilled for passing camera cable through vehicles walls.

Step 3: Once all cables and wiring have been properly routed, perform a system function test by temporarily connecting the system. If the system seems to not be operating properly see trouble shooting (see on page 11).

Installation Guide

Camera



This wireless camera must rely on the license plate to be fixed. Please do not install the camera elsewhere in the car.

Before drilling, remember not to make a hole larger than the diameter of the camera connector. There are lots screws on the camera to fix it. Be sure to tighten after installation.



If you worry about that the camera is not secure enough, you can use the self-tapping screws to fix the camera on the car.

Cable

Be sure to position the cable properly. The camera cable uses aircraft grade connectors which means the camera cable can be exposed to all weather elements. Do not run the cable over sharp edges, do not kink the cable and keep away from HOT and rotating parts.

Fasten all cables and secure all excess cable.

Monitor



Attach the monitor to the dashboard or to the head- liner using sticker bracket or suction bracket. Attach monitor to mount, and adjust mounting angle to allow optimum driver viewing comfort.

Wiring Camera & Monitor

Note: We recommend doing a benchmark test within the voltage range specified before installation to insure that all components are working properly.

Before drilling, be sure no cable or wire is on the other side.

1. Check all parts in the package and test the system to ensure it is normal work within the specified voltage (DC12V±10%).



2. Find the position of the car's reversing light, then remove the interior baffle near the rear of the trunk and find the line position of the reversing light (It's recommended to use the electroscope to detect the positive and negative poles of the reversing line).



3. Remove the license plate and put the extension cable of the camera through the hole (You will need to drill a hole if necessary) on the back of the license plate on trunk, and connect the camera power cable to the camera extension cable, tape the connector together.



Note: If connecting power directly to battery, the camera is always ON and therefore can drain battery. Therefore it is recommended to connect power to an ignition switched accessory power source. Grid lines function can be turned on/off by manually from menu.

4. Connect the red wire of the power cable to the positive pole of the reverse lamp. the black wire is connected to the negative pole of the reverse lamp or the chassis ground on your trunk.



5. Then mount the camera bracket behind the license plate, Increase the fastness with 3M tapes on the camera and then reinstall the plate, If you worry about that the camera is not secure enough, you can use the self-tapping screws provided to fix the camera on the car. camera installed successfully.



6. Connect the car cigarette lighter to the USB cable, then connect the monitor(If without a car cigarette lighter, you can put the USB cable into the car's USB port directly).



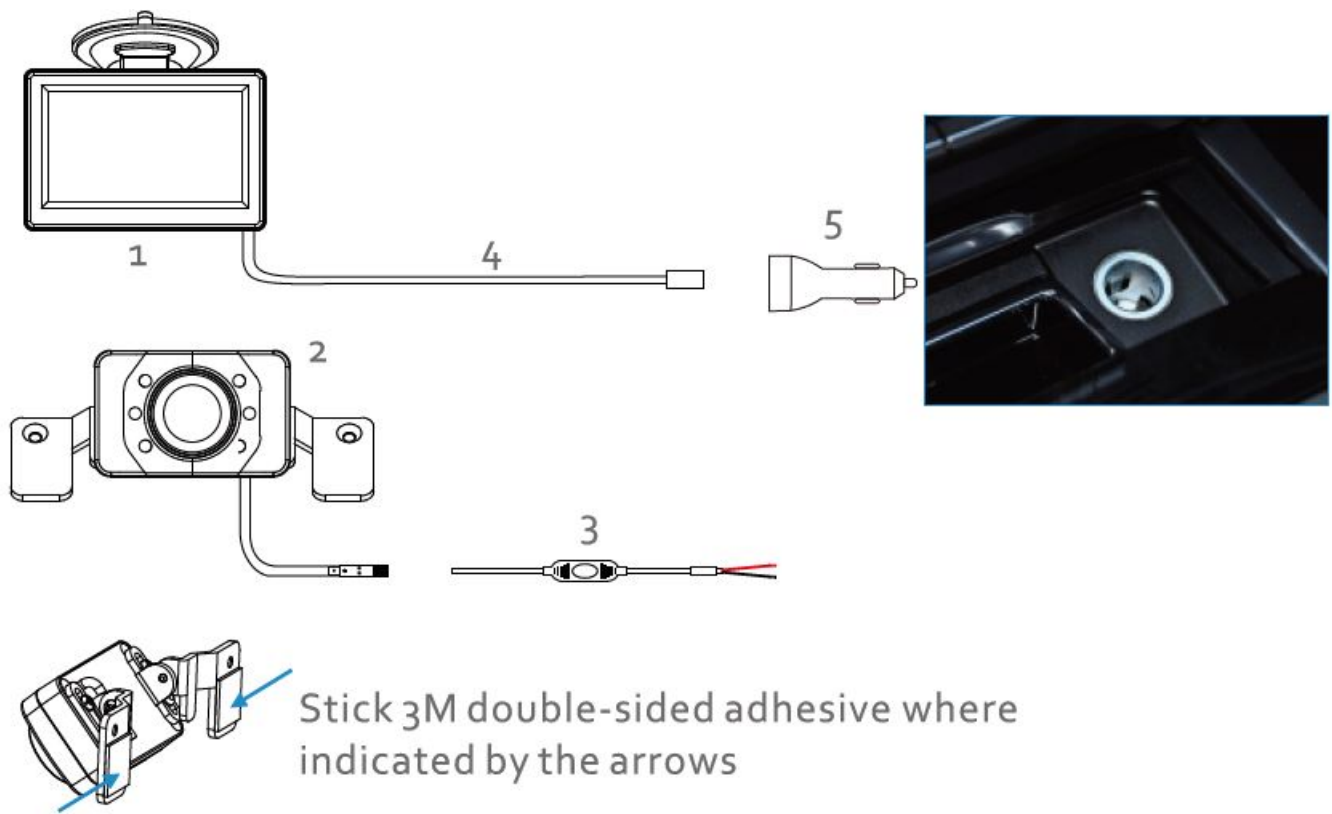
Suction Mount



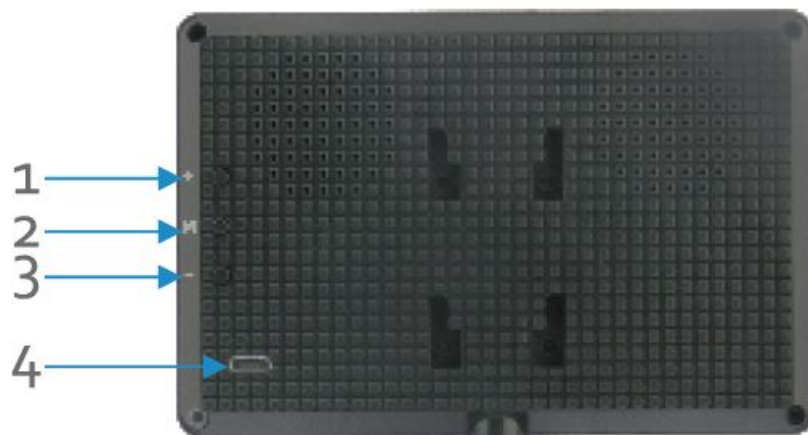
Stand Bracket

7. Select the best location to install the monitor and attach it to mount, adjust mounting angle to allow optimum driver viewing comfort. This system provides 2 installation methods to fix the monitor, sticker bracket or suction bracket.
8. Feed as much cable as possible into vehicle & clamp securely.
9. Start the car and turn to reverse gear, the monitor will show reverse image at this time (if the display is abnormal, please refer to the troubleshooting page 13), then adjust the angle of the camera, put the farthest line of the reverse ruler is about 9.84ft away from the rear of the car (you can also adjust to the best angle based on the situation of your car).
10. Adjusting camera angle and tightening camera to bracket, using screws and hexagon wrench provided.

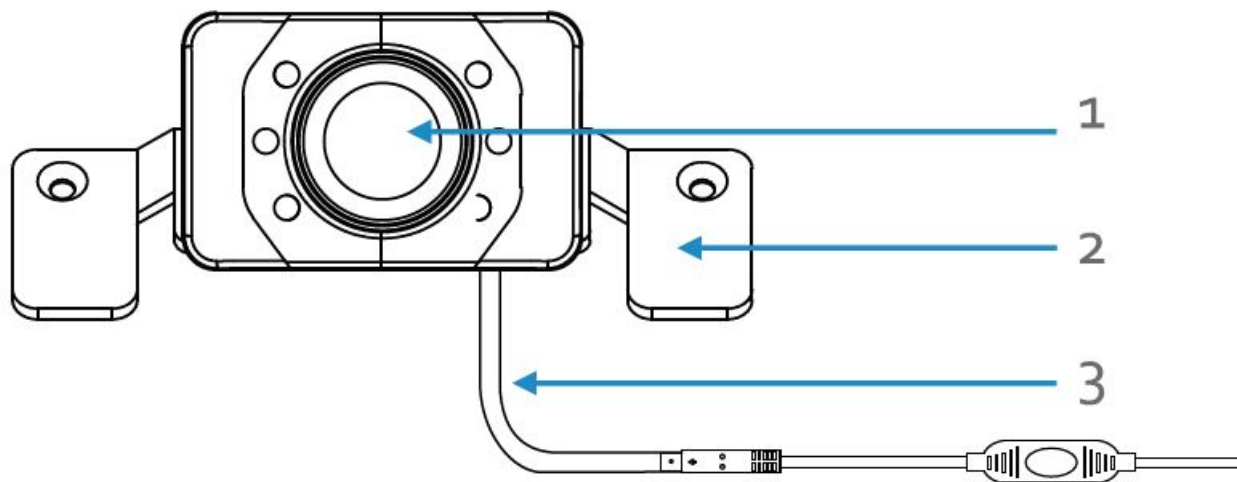
Connection Diagram



Monitor rear panel introduction



1. "+" key: press to increase value of Brightness, Contrast, Color, Hue.
2. MENU: open menu or exit menu.
3. "-" key: press to reduce value of Brightness, Contrast, Color, Hue.
4. Power interface: DC 5V input.



Monitor Dimensions



Monitor Specifications

Display	4.3" LCD digital panel
Screen ratio	16:9
Resolution	480xRGBx272
Contrast	800: 1
Viewing angle	Hor. L(70) R(70) Ver. Up(50) Down(70)
Primary Language	English, Espanol, Simplified Chinese
Shockproof level	4G
Transmission distance	About 100M(328ft) in open area
Power supply	DC12-24V
Power consumption	<3W
Working temperature	-20 to 70 degree
Storage temperature	-30 to 80 degree
Size	4.6 *3.1*o.75in
Weight	o.54KGS(1.2Lb)
AV input	1 channel input Startup automatically once powered on, with
Other features	parking guide line, Mirror and non-mirror switchable

Camera Dimensions




Camera Specifications

Image sensor	1/3" CL CCPC 1058K
Pixel	960 * 576 resolution
Viewing angle	140 degree
Waterproof level	IP68
Transmission distance Power supply	100M(328ft) in open area DC12-24V
Maximum current	<110mA DC12V
Working temperature Size	-20 to 70 degree 3.5 * 1.5 * 1.8in
Weight	0.35KGS

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Documents / Resources

	VECLESUS Wireless Rear View Camera System [pdf] User Manual Wireless Rear View Camera System, M1W Camera
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