



**WIRELESS LICENSE PLATE BACKUP CAMERA,
40' RANGE AND 4.3" LCD**



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MS435LPWA

4.3" Wireless **BACK-UP CAM**

SPECIFICATION

4.3 inch TFT LCD Screen Parameter



Voltage	9V DC - 28V DC
Rated Voltage	12V DC
Work Temperature	-40°F to 158°F [-20°C to 70°C]
Power Cost	Max 2.5W
Display Resolution	480*272 RGB
Video Input	Wireless
Display Mode	4.3" TFT-LCD
Illuminance	300cd/m ²

Reverse Camera Parameter



Voltage	9V DC to 15V DC
Rated Voltage	12V DC
Power Cost	Max 1W
Image Sensor	Color CMOS
Total Pixels	648*488 pixels
Ratio	16:9
View Angle	110 degree
Mini Lumination	1.0Lux/ 9 LED
Waterproof	IP67

2.4G Wireless Technical Parameter



Wireless Frequency:	2370 MHZ
Voltage:	9V DC to 15V DC
Signal System:	NTSC
Wireless Range:	98Ft [30M] on an open area
Work Temperature:	-40°F to 158°F [-20°C to 70°C]
Receiver Sensitive:	-85 dbm

INSTALLATION

NOTICE

We only recommend to use on vehicles less about 23ft
NOT SUITABLE FOR Truck/Pickup/Trailer/Camper/RVs/
Semi-Box/Motorhome

NOTICE

Some states or local governments may have regulations or laws that restrict the use of anything that might impair the clear view of a license plate. Check local laws for compliance.

NOTICE

For the Back-Up Camera to be properly installed, it must be wired into the vehicle's taillight harness. If you are not comfortable or knowledgeable with 12-volt DC wiring, have the system professionally installed.

NOTICE

These instructions are only meant as a general guide due to the number of different makes and models of vehicles. For vehicle-specific questions, contact your vehicle's manufacturer.

1. Remove the screws that hold the license plate to the vehicle.
 2. Position the camera mounting plate on the license plate.
Make sure the "up" sticker on the camera are facing upward.
tight the screws after finish the connection for the wires.
 3. The camera should be adjusted to a horizontal position relative to the ground, so as to provide optimal view of objects behind the vehicle.
 4. Route the wire from the camera into the car. Some vehicles may have a hole to route the camera wire through, for example, the hole for the wires from the license plate light. and you could drill a hole on the car to route the wire inside the car, and the hole will be covered by the license plate.
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NOTICE

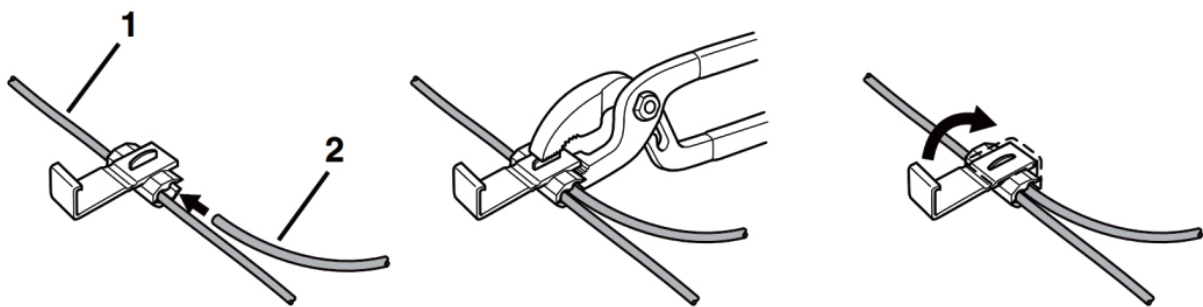
Depending on your vehicle type, it may be necessary to drill a hole to route the camera wire. Before you drill a hole you **MUST CHECK WHAT IS BEHIND THE DRILLING LOCATION**. If there are any vehicle components, like electrical parts or fuel system components behind the drilling location, you must take precaution not to damage them.

- Determine which are the positive (+) and negative (-) wires for the reverse lights on the vehicle. You can use either the right-side or left-side reverse light wires. For help locating the vehicle's reverse light circuit, contact your vehicle's manufacturer for vehicle-specific wiring diagrams.

NOTICE

Disconnect the negative (-) cable on the vehicle's battery to avoid electric shock when connect the wires.

- The red positive (+) wire from the camera splices into the positive (+) wire from the reverse lights and the black negative (-) wire from the camera splices into the negative (-) wire from the reverse lights.
- Position the connector around the vehicle wire you are splicing into.
- Slide the appropriate wire from the camera into the connector.
- Crimp the metal clamp using a pliers to ensure a good connection and then close the lock of the wire connector. Do this for both the positive (+) and negative (-) wires from the reverse light.

**LEGEND**

1. Wire from the vehicle

2. Wire from the camera

10. Find a mounting surface on the dashboard for the monitor where it can be easily seen, but can not obstruct your vision when driving. Clean and dry the mounting surface and affix the monitor there.
11. Connect and plug the monitor cigarette lighter plug into a 12-volt DC power port on the car.

CONNECTION DIAGRAM



Note:
The screen will not display very well when suffer signal interference. This is normal situation. That does not mean the screen has problem.

Note:
Please try your best to fix the antenna vertically against the ground the transmitter is not waterproof

