

USER MANUAL

2.4GHz Digital Wireless Rearview Camera with 7" Color LCD Monitor



Foreword

CONGRATULATIONS. The Rearview Camera, when used as described, will give you years of dependable service in your car, truck, RV, or mini-van. We have taken numerous measures in quality control to ensure that your product arrives in top condition, and will perform to your satisfaction.

Model: 9901JQ

Version 1.1

Please read this user manual carefully before using this product. Failure to understand operation procedures may result in injury. * The pictures are for reference only, please refer to real subjects.

Packing List



Structure



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Installation

These installation instructions do not apply to all vehicles. They are meant as only as a general guide to big vehicle makes & models. For specific questions, contact your vehicle manufacturer. Consult your local motor vehicle laws on the use of this product. Do not attempt this if you are not knowledgeable with electrical installation practices.

camera installation:

- You may mount the camera near the top of the license plate with screws.
- Drill six holes: one hole for the camera's power wire and five holes for installation of the camera.
- Insert the power wire of the camera into the supplied grommet, and then pass the power wire into the vehicle.
- Install the camera with five screws supplied and adjust the camera to a proper angle.

Notice:

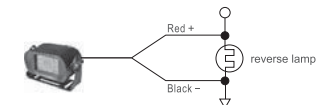
- Some vehicle may have a hole available to pass the wire through, you do not need to drill a hole.
- Before drilling those holes, you must check out and make sure no other components too close to your augille. Before drilling, we strongly recommend you to remove electrical parts or fuel system behind the vehicle door and clear the surroundings to avoid unexpected damages.

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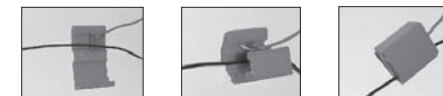
camera power wire connection:



- Once you have located the reverse light circuit, you need to route the power wire to that location. You must securely fasten the power wire to prevent it from being caught on by vehicle component such as the trunk hinge. Never route the cable outside the vehicle.



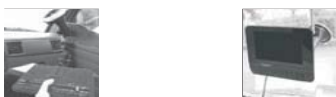
- The camera is equipped with Reverse Voltage Protection, please make sure that the Red wire is connected to positive (+) and the Black wire is connected to negative (-).



- Wrap In-Line wire connectors over the camera power wire.

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monitor installation:



- Fastening the suction holder to the interface of the monitor back.



- Peel off the backing paper of the suction holder and suck it on the front window of vehicle.



- Connect the cigarette lighter adapter to the power socket of the monitor, then insert it into the socket of vehicle.



- Power on and the power indicator lights blue, adjust brightness, contrast, and orientation for image of the monitor.

option installation:

- For better transmission effect, please connect the optional 2m antenna to the wireless camera. The 2m antenna is sucked on the tail of truck.
- For better receiving effect, please connect the optional 2m antenna to the monitor. The 2m antenna is sucked on the top of the truck.



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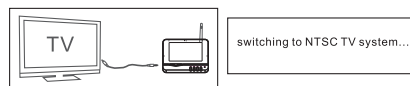
Operations

- Press the POWER button on the monitor for 3s, the power indicator will illuminate.
- Press the PAIRING button for 3s to pair the frequency signal in 30 seconds. If the pairing is successful, the image will display on the LCD. Otherwise, need to pair again.
- If the image on the LCD is unclear, please adjust contrast brightness and mirror by toggling the buttons on the monitor.
 - Contrast Control : the 5 levels of LCD contrast can be adjusted by pressing the CONTRAST button.
 - Brightness Control : the 5 levels of LCD brightness can be adjusted by pressing the BRIGHTNESS button.
 - There are four different views for the monitor. If the image does not match your rear view mirror, press the MIRROR button on the monitor to change the image until it matches your rear view mirror.



These different views allow you to mount the camera and/or monitor with either right side up or upside down and still display the image correctly on the monitor. The image displayed should match your rear view mirror. After testing the unit, fully tighten the license plate bolts.

- Video are able to be output from the monitor to bigger display device, such as TV or other screen with a RCA video input. when the connection is successful, the message will display on the monitor.



- If the image is not display on TV, Please check the video cable is fully inserted into the monitor.

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Specifications

Items	Value
Imaging Sensor	CMOS
Total Pixels	640*480
Horizontal View Angle	85°
Transmission Frequency	ISM 2,400-2,483MHz
Minimum Illumination	0 Lux (IR ON)
IR Night Range	3m
Modulating/Demodulating	16QAM,QPSK,BPSK
Power Supply	+12/+24VDC
Consumption Current (Max.)	150mA (IR OFF) & 230mA (IR ON)
Dimensions (W x D x H)	96*52*61 (mm) (Excluding Bracket)
Approx. Weight	440g
LCD Screen Type	7" TFT-LCD
Transmission Frequency	ISM 2,400-2,483MHz
Screen Resolution	800*480
Video System	NTSC/PAL
Received Sensitivity	-72dBm@GAM, -85dBm@GFSK
Consumption Current (Max.)	600mA
Dimensions (W x D x H)	214*28*167 (mm)
Approx. Weight	518g (Excluding Bracket)
Power Supply Voltage	DC 5V
Unobstructed Effective Range (Matching)	<130m
Operating Temperature	0°C~+40°C
Storage Temperature	-20°C~+60°C
Operating Humidity (Max.)	15%~85%RH

- The actual transmission range may vary according to the weather, location, interference and building construction.
- All the specifications are subject to minor change without prior notice.
- 9901JQ = GD9901 + GD7101
- The product is not suitable for mini vehicles.
- For specific vehicle such as container car or container truck, please consult your local vehicle garage for installation.

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FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference.
 (2) This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Cautions

- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Turn off the camera/receiver if the system is not in use.
- The camera/receiver can only be completely disconnected from the mains by unplugging the adapter.
- Do not cut the DC power cable of the apparatus to fit with another power source.
- Attention should be drawn to the environment aspects of battery disposal.

EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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