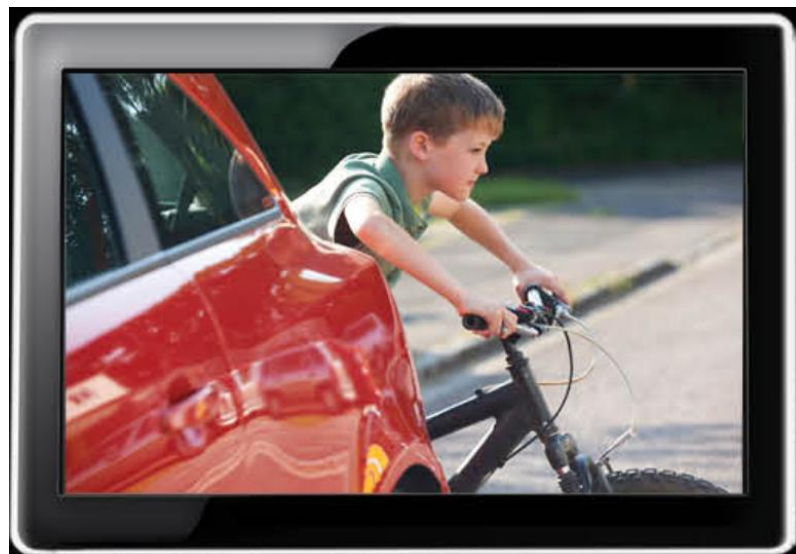




Top Dawg Electronics

WIRELESS 2.4 Ghz LICENSE PLATE BRACKET BACKUP CAMERA KIT

Instruction Manual



General introduction:

- This wireless reverse backing system is designed for vehicles to increase their rear view viewing potential to help reduce backup accidents
- The 4.3 inch monitor works with the reverse camera to show the images behind your vehicle as you reverse
- ***Install (self or professional):*** Installation should take about 30-60 minutes for self-installation. Installer must be able to find and tap power into reverse back light. Please visit www.topdawgelectronics.com to learn more about installation. Also, visit our YouTube channel (search Top Dawg Electronics) to see a demonstration on how to install this backup camera. If you do not have the technical ability to install this camera, professional installers located at car stereo retailers and other auto electronics locations should be able to install this camera for you for a cost of \$75-200, depending upon your location and installer.

Specifications:

Monitor

- Screen size: 4.3 inch
- Display Screen: TFT-LCD
- Display Resolution: 480(H)*RGB*272(V)
- Aspect Ratio: 16:9
- Power Consumption: <3W
- Power Supply: DC 12V
- Video input: to back up camera
- Signal System: PAL/NTSC auto
- Brightness: 250cd/m
- Contrast Ratio: 350:1

Camera

- Image sensor: CMOS
- Effective Pixels: 720(H)*480(V)
- Resolution: 420TV line
- Lens angle: 1.9mm(170 deg)
- AGC: auto
- White balance: auto
- S/N ration: greater than 48dB
- Video output: BNC connector
- Power 12V DC
- Waterproof grade:IP67
- Signal system: NTSC
- Camera cable length: 30 foot

2.4G Wireless Transmitter & Receiver

- Transmission Frequency: ISM 2.400MHZ~2.483MHZ
- Transmission Power: 80mW8
- Operating Distance: 25-40 Feet, depending upon environment
- Modulation Mode: FM
- Video Gain Control: automatic
- Operating Temperature: -20~+50 degree Celsius
- Storage Temperature: -30~+60 degree Celsius
- Operating Humidity: 20% ~ 85%

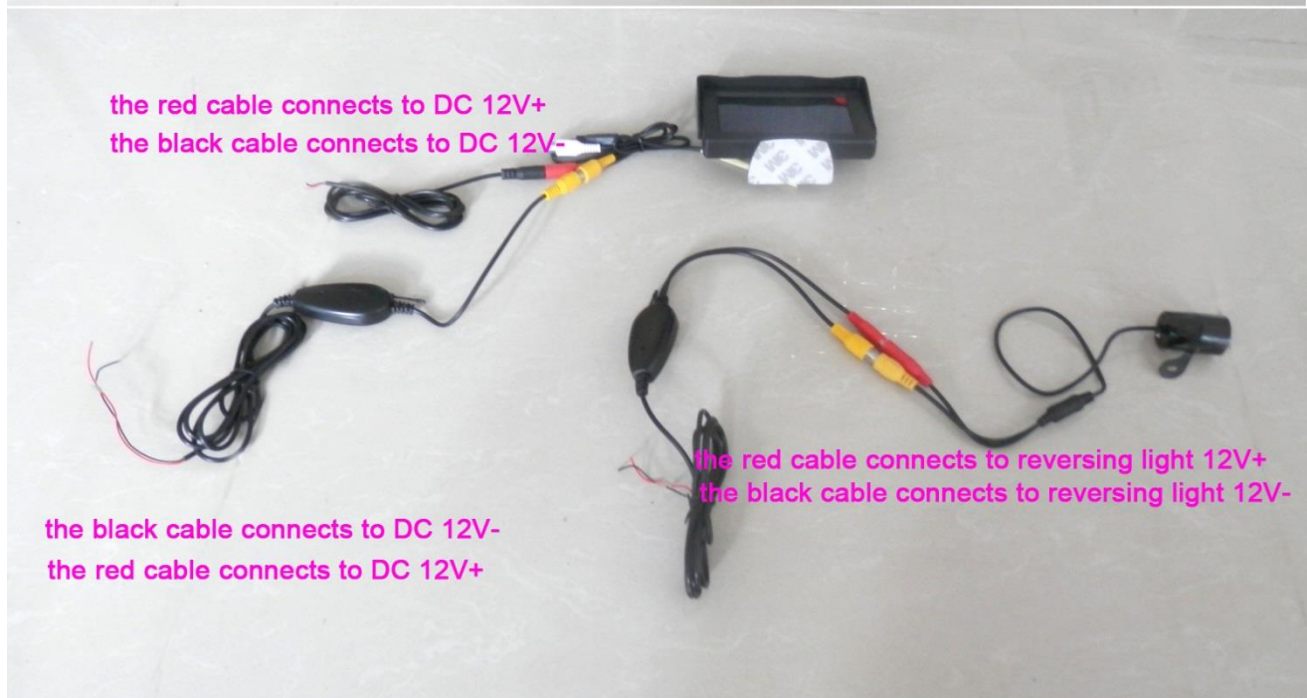
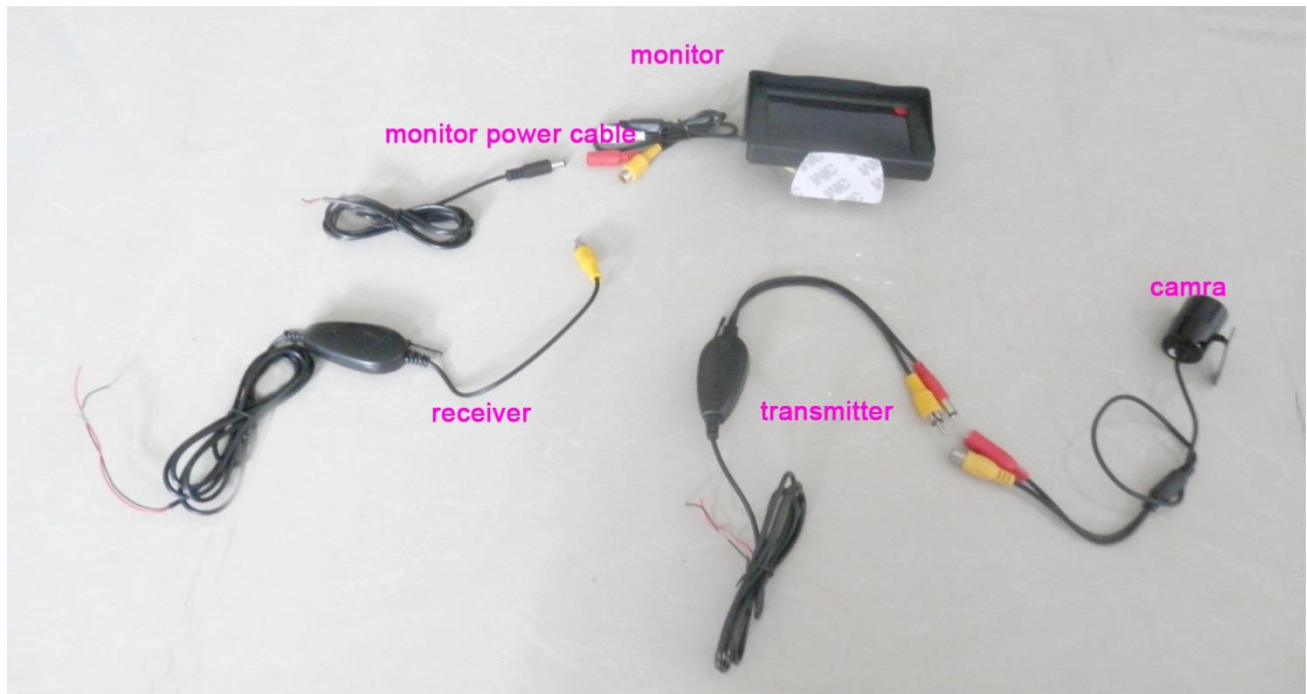
Product Features

1. Automatically shows the reverse picture when the vehicle is reversing. Assists driver with the ability to park safely. When the reverse gear is engaged, the system automatically starts to find the camera signal and display the backup video. The system switches off automatically when the vehicle is no longer in reverse gear.
2. The assisted night vision potentially helps people parking in a dark environment.
3. The wireless 2.4 Ghz wireless transmitter and receiver will work within a distance of 25-40 feet. The fewer obstacles between transmitter and receiver, the longer the distance and the better the picture. If there is other 2.4 Ghz technology within 25-40 feet from transmitter or receiver, interference may be caused, which will impact the picture quality of the video.

Attention

When connecting the power cable, please make sure not to mistake the positive and negative pole, otherwise the system will burn out. Please make sure the red cable connects to the positive reverse light electrode. The black cable connects to the negative reverse light electrode.

Wiring guide



Package list

1. (1) 4.3 inch monitor
2. (1) license plate bracket camera
3. (1) 2.5 Ghz wireless module (transmitter and receiver)
3. (1) power cable for Monitor
4. (1) manual

Top Dawg Electronics Limited Warranty

What warranty covers: Manufacturer warrants to original purchaser that the product finished hereunder shall be free from defects in material and workmanship under normal use and service. In the event of any defect in material or workmanship, the Manufacturer will for twelve (12) months from the date of delivery of product to purchaser, F.O.B. point of origin replace any defective parts in respect to the product or replace the product with new or like new product at Manufacturers option. In the event of a defect, return the product in tact to the Manufacturer (shipping to Manufacturer will be paid by purchaser) with evidence of purchase date within last 12 months for proper handling of the warranty claim.

What is Not Covered:

- Defects or damage resulting from use of products in other than it normal and customary manner
- Defective or damage from misuse, accident, water or neglect
- Scratches or cosmetic damage that does not affect operation of the product
- Product damage or bodily injury
- **Contact Top Dawg to purchase extended replacement warranty**

General Provisions: This warranty is given in lieu of all other express warranties, implied warranties, including without limitation, implied warranties or merchantability and fitness for a particular purpose, are limited to the duration of this limited warranty, in no event shall the Manufacturer or seller be liable for damages in excess of the purchase price of the product

Product Disclaimer: *This system is designed to be an aid and should not replace the need to drive carefully and will not guarantee that driver will not have any accidents while reversing. Under no circumstances will manufacturer, supplier or retailer accept any responsibility or cannot be held liable for any director or indirect incidental or consequential damage or for injuries that results from installing or using this system or from any backing accident. This device may not be used to violate the privacy rights of others. In no way will Top Dawg Electronics or its subsidiaries or partners be held responsible for inappropriate use of this product. It is the sole responsibility of the buyer to consult legal counsel for the interpretation of any laws applicable to the area of intended use of these products.*

Manufacturer Contact Information:

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www.topdawgelectronics.com