

# Additional Heavy Duty Waterproof Wireless Backup Camera with Built-In Battery and Magnet Instructional Manual

Built-In Rechargeable Battery



Built-In Magnet



WIFI Camera



## Description

2.4G Wireless with more than 100M long wireless transmission distance in open area between the monitor and camera Wireless 7 inch AHD monitor adopts the original IPS 16:9 widescreen full-angle glass screen, 1024\*600 resolution. The monitor can shut off without signal automatically, the standby current is 10MA, can start up in seconds with signal. Built-in 6400mA rechargeable battery, powerful magnet adsorption installation camera that supports HD 940 infrared night vision, IP69 waterproof rating, up to 140° horizontal angle. This wireless camera is operational when charging.



## WIRELESS Backup Camera with Built-in Battery and Magnet

**Resolution** 720P 1280\*720 pixels

**Image Sensor** CMOS 1/2.7"

**Viewing Angle** 140 degree

**2.4G Transmission Distance** 200M in open area

**System** N/P Automatically

**Spread Spectrum** S(Adaptive frequency hopping)

**Transmission Bandwidth** 8MHz BER<1E-3 6400mA

**Capacity Battery** 6400mA

**Indicator support** 4 LED lights

**Battery Charging Time** DC5.5, 5~24Volts, 6hours

**Frequency** 2400-2483.5MHZ

**Working Time with Fully Charged** 18 hours(under continuous working conditions)

**Standby Time with Fully Charged** 580 hours(on power saving mode)

**Camera Adjustable Angle** 0-140 degree

**Frequency** 2400-2483.5MHZ

**ON/OFF Mode** Long press to ON/OFF, short press to show battery status

**Installation Mode** Magnet base adsorption installation

**Night Vision** Infrared HD night vision

**SNR** 46.5dB

**Audio** without(customized)

**Waterproof level** IP67

**Transmitting sensitivity** -89 dBm

**Material** Black aluminum alloy

**Shockproof Level** 4G

**Power supply** DC5-24V

**Operation Temperature** -20°C ~ 70°C, RH95%MAX

**Storage Temperature** -30°C ~ 85°C, RH95%MAX

**Dimensions** 74\*45.5\*56.5mm

**Attachments** DC5.5 male power cable, 5DB antenna

# 7 inch AHD 720P 2.4G Digital Wireless Vehicle Monitor



**Screen ratio** 16:9 IPS Panel

**Resolution** 1024\*R.G.B\*600

**Back light** LED, 500 cd/m<sup>2</sup>

**Viewing angle** L(85) R(85) Ver. UP(85) DOWN(85)

**Working temperature** -20~+70°C

**Working humidity** 85%RH

**Storage temperature** -30~+85°C

**Power supply** DC 9-30V

**Delay time** 120mS

**Electric current TYPE:**300mA, Max.380mA

**Power consumption** <5W

**AV input** 4 channel 2.4G wireless video signal input

**Trigger** 1 trigger control, with parking guide line

**Operating frequency range** 2400 ~ 2483.5MHz

**System** PAL/NTSC automatically

**Transmission bandwidth** 3Mbps

**Receive sensitivity** -88dBm@4MHZ

**Spread spectrum mode** Frequency hopping

**2.4G wireless transmission distance** 200M in open area Shockproof level 4G

**Power cable** 5.5 DC female connector

**Weight** 0.54KGS

**Size** 180mm\*121mm\*24mm

## **Attention**

For your safety, do not watch video or set monitor while driving.

Non-professional please do not disassemble the product at will, please consult the after-sales service organization when the product malfunctions, or send it to the local maintenance department for inspection and repair.

## **Warning**

When installing this product, please install it in the position permitted by laws and regulations, and we shall not be responsible for the liability caused by the illegal installation of the product.

## **Tips**

In cold weather, the product may appear dark screen phenomenon when startup. Which will heat up slowly and return to normal with the increase of temperature.

## **Product Introduction:**

1. 2.4G antenna
2. 7" IPS screen
3. LOGO
4. Brightness decrease: reduce the brightness value of the display screen
5. MENU: open or exit the menu
6. Brightness increase: increase the brightness value of the display screen
7. Power key
8. Flip set: Turn Up/Down/Left /Right
9. Parking guide line ON/OFF
10. Pairing button

## **Camera Introduction**

1. 2.4G antenna
2. Night vision infrared light
3. Night vision sensor
4. U-shaped bracket and sun shade

## **Wireless Camera Built-in Battery**

1. 2.4G antenna
2. Night vision infrared light
3. Angle adjusting knob
4. Light induction (night vision switching automatically)
5. Power indicator
6. Power On/OFF
7. Battery
8. Charging input

## Specifications

One to one wireless kit

One to one wireless

Quad wireless kit kit with camera built-in battery

**Screen ratio** 16:9 IPS panel

**Resolution** 1024\*R.G.B\*600

**Back light LED** 500 cd/m2

**Viewing angle** L(85°) R(85°) U(85°) D(85°)

Power supply C 12-24V DC 9-36V

**Power consumption** <3W <5W

### AV input:

1 channel AHD wireless video signal input

4 channel AHD wireless video signal input 1 channel AHD wireless video signal input

System	P/N automatically	
Shockproof level	4G	
Working temperature		
Storage temperature		
Size		
Camera		
Sensor	CMOS 1/2.7"	
Resolution	720P or 1080P	
System	N/P automatically	

Transmission distance	200M in open area	
Waterproof level	1P69K	1P67
Power supply	DC12-24V	DC12-24V
Viewing angle	140° degrees	
Battery capacity	-	6400mA
Battery indicator	-	Supports 4 LED Lights
Night vision	Infrared HD night vision	
Working temperature	-20°C~ +70°C	
Storage temperature	-30°C~ +85°C	
Size	74*45.5*56.5 mm	
Camera Quality	1 PCS 4PCS	1PCS
Key		One, long press ON/OFF, short press to display battery capacity

### Menu Setting

Press the "MENU" key on the panel to set the "CONTRAST" "SATURATION" and "BRIGHTNESS", Press "-" and "+" to increase or decrease the specific value. as shown in picture Below:

### Flip Setting

Press \*\*\*\*\* to turnover the image, up, down, left and right flip available. Parking Guide Line Press \*\*\*\*\* , set it ON/OFF, picture below:

### Camera Pairing (One to one wireless kit)

Long press the power button on the panel to enter the pairing state (the state lasts for 10S) and displays "pairing" (as shown in the figure below). In the pairing state, turn off power for the camera and then re-power it, if it shows "Successfully Pairing", means the pairing is OK, and if shows "Pairing Failure", then it will need to be repaired.

### Camera Pairing (Quad wireless kit)

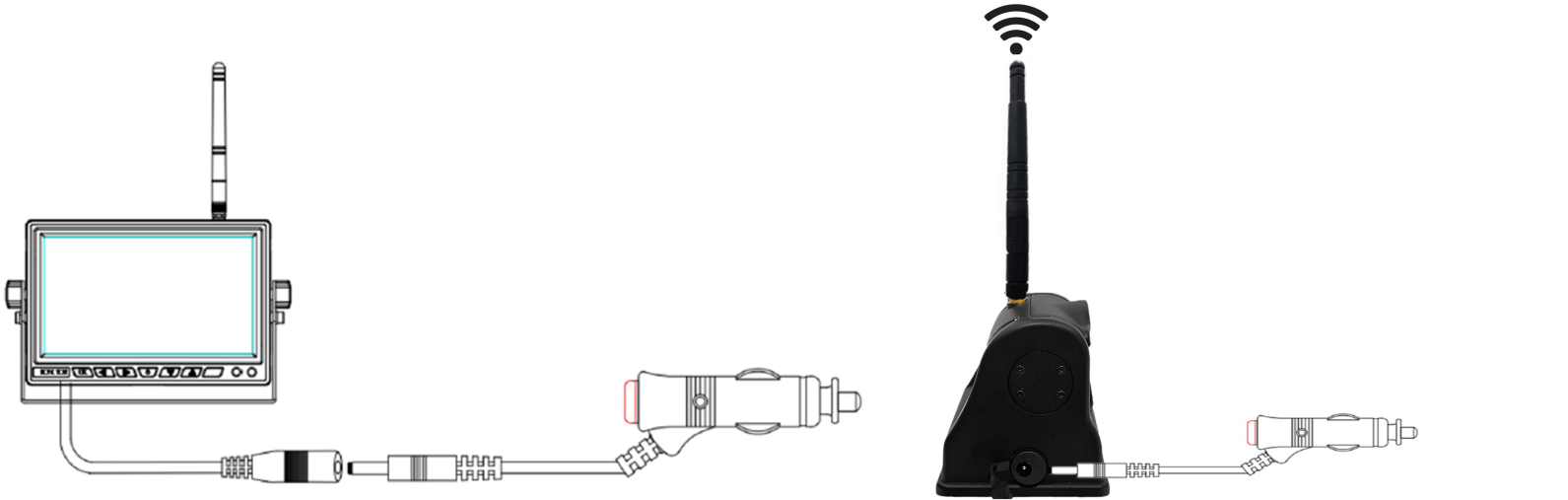
long press power button single-channel state, enter the willing stale (the state lasts for 10S) and display pairing° (as shown In the figure below: In the pairing state, turn off power for the camera and then re power it shows "Successfully Pairing": means the signal is OK, and it shows "Pairing Failure", then will heed to repair it.

### Connection Introduction

7 Inch AHD Wireless Monitor Connection Diagram Option 1 (Powered by power cord)



Option 2 (Powered by car charger, only for one to one wireless kit with camera built-in battery)





## Accessories Included

**Car Charger Power Cable**



**Fan-shaped Mount**



**Hexagon wrench**



**2.4G antenna×2PCS**



**Direct Source Power Cables**



**Suction Bracket  
(Optional)**



**Home Charger Adapter  
(Optional)**



**2.4G Antenna Extension Cord  
(Optional)**

