











6. Accessories

DC5.5 power cable*2PCS (3PCS for VTCRH2 and 5PCS for VTCRH4)	Fan-shaped bracket *1PC	Car charger power cable * 1PC	2.4GHz 5DB antenna *2PCS (3PCS for VTCRH2, 5PCS for VTCRH4)
			
2.4GHz antenna extension cord*1PC	2.4GHz wireless cameras *1PC (2PCS for VTCRH2, 4PCS for VTCRH4)	Power adapter*1PC	Suction bracket*1PC
			
Warranty card *1PC	Product registration card*1PC		
			

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User Manual



Before operating the Monitor, please read this manual thoroughly and retain it for future reference.

Notice to the VTCRH hitch camera installers

- When installing, 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 and use of the product.

Notice to the VTCRH hitch camera users

- In cold weather, the monitor may display a dark screen at startup. As the unit warms up, the display will return to a normal bright display with the increase in temperature.
- For your safety, do not watch the video or set monitors while driving.
- Please do not disassemble the monitor or the cameras, non-serviceable parts inside and will avoid warranty.

The cameras are battery-operated and have a built-in rechargeable battery. Once fully charged, it will operate continuously for 20 hours. The battery can be charged using



If you are planning to operate the hitch cameras for multiple days, please consider the following to conserve battery.



Power Button

1. turn off the power to the camera when not using.
2. install a DC power cable near the camera to ACC power and connect it to the camera. It will charge the battery while the vehicle key is on.

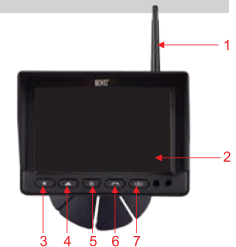
1. Product Features

- Heavy duty wireless camera with IR night vision, built-in battery and magnetic mounting.
- 3MP camera 720P HD video streaming.
- Camera operates for 20 hours with full charge.
- 5" IPS display monitor with full viewing angle.
- 1024*800 high-resolution with 16:9 wide-screen display.
- Automatically shut off screen when there is no video signal and quick start-up within a second when signal is detected.
- Transmission distance up to 700ft.

2. Product Introduction

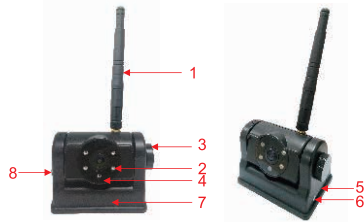
Monitor Introduction

1. 2.4GHz transmission antenna
2. LCD screen
3. " M " Menu: enter/exit the menu
4. "▲" Flip: horizontally/vertically image flip
5. "⏻" Power: turn on/off the display
6. "🅒" Parking Guidelines: on/off
7. "∞" Paring: long press to pair press shortly to switch display (2Ch & 4Ch)



Wireless Camera Introduction

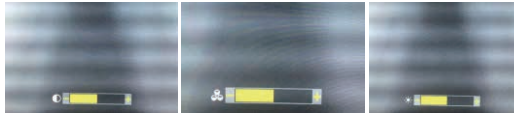
1. 2.4GHz antenna
2. Night vision infrared light
3. Angle adjusting knob
4. Light sensor(night vision)
5. Power indicator
6. Power on/off
7. Built-in battery
8. Charging port



3 . Menu Setup Introduction

Display Settings

Press the “M” menu button to adjust display contrast, saturation and brightness. Press “▲” or “↵” button to increase or decrease the contrast, saturation or brightness. New settings will be saved and options will disappeared automatically after 5 seconds of idle time.



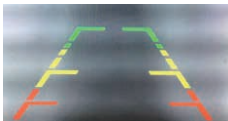
Flip Image

Under single image display, press “▲” key on the front panel to turn up/down/left/right the display image.

Under multiple image split screen display, turn up/down/left/right the screen and menu (only for VTCRH2 and VTCRH4).

Parking guideline On/Off

Press “↵” button to display or hide the parking guidelines.



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Change Display Mode (VTCRH2 and VTCRH4)

Press “∞” to switch between camera displays.

Camera Pairing

Under single camera display mode,

1. Press and hold “∞” key on the front panel to pair the cameras.



2. Turn camera power off.
3. Turn camera power on to pair.

If pair successfully, it will show the camera image.

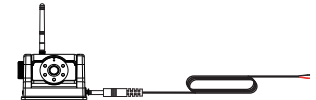
If not, then the screen will display “Pair fail”. Repeat the steps to re-pair.

4. Connections

Wireless camera

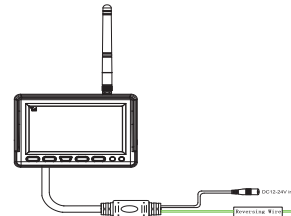


Charged by cigarette car charger



Powered by DC power cable

Wireless monitor



VTCRH1 Wireless Monitor

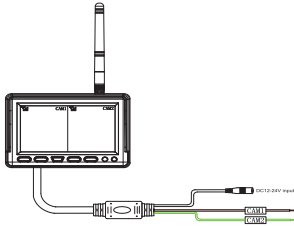
12~24VDC Power:

via cigarette car charger or via DC cable

Trigger Wire:

Green wire: triggers CAM1 to full screen

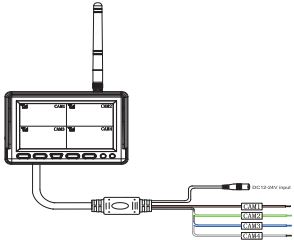
4



VTCRH2 Wireless Monitor

12~24VDC Power:
via cigarette car charger or via DC cable

Trigger Wires:
Brown wire: triggers CAM1 to full screen
Green wire: triggers CAM2 to full screen



VTCRH4 Wireless Monitor

12~24VDC Power:
via cigarette car charger or via DC cable

Trigger Wires:
Brown wire: triggers CAM1 to full screen
Green wire: triggers CAM2 to full screen
Blue wire: triggers CAM3 to full screen
Gray wire: triggers CAM4 to full screen

5. Product Function & Parameter

Wireless Monitor

- . LCD: 5 inch IPS panel, 16:9 high definition
- . Resolution: 1024*RGB*800
- . Full viewing angle: Left(85°) Right(85°) Below(85°) Above(85°)
- . Panel key function: 5PCS key control
- . Wireless video input: 1, 2, or 4 channel wireless video input
- . Using digital wireless encryption technology to code connection, with strong anti-interference ability
- . 2.4GHz wireless transmission distance: 700ft
- . Power supply: DC12-24V
- . Power consumption: 3W
- . Working temperature: -4°F ~ 158°F

- . Storage temperature: -22°F ~ 185°F
- . Size: 5.6" x 4.1" x 2.5" (excluding bracket)

Wireless Camera

- . Effective resolution: 1280*720px, 720P,
- . Image Sensor: 1/2.7" CMOS
- . Horizontal viewing angle: 130 degree
- . Wireless transmission distance: 700ft
- . System: PAL/NTSC automatically
- . SPSP: FHSS(adaptive frequency hopping)
- . Transmission bandwidth: 8MHz BER<1E-3
- . Built-in battery capacity: 6400mAh
- . Battery indicator: 4 LED lights
- . Battery charging time: DC5.5, 5~24V, 10 hours
- . Working time: 20 hours(when fully charged)
- . Camera adjustable angle: 0-100 degree
- . Operation frequency: 2400-2483.5MHZ
- . ON/OFF mode: press and hold to turn on and turn off, short display battery capacity
- . Installation mode: magnet base adsorption installation
- . Night vision: HD infrared night vision
- . SNR: 46.5dB
- . Waterproof level: IP68
- . Transmitting sensitivity: -89 dBm
- . Material: black aluminum alloy
- . Shockproof: 4G
- . Power supply: DC12-24V
- . Working temperature: -4°F ~ 158°F
- . Storage temperature: -22°F ~ 185°F
- . Size: 2.9" x 1.8" x 2.2" (excluding bracket)