

# 2.4GHZ REVERSING DVR CAMERA KIT

with 4.3" monitor

**QM-3850**

## II. Safety

Receiver should be fixed on automobile console or front windshield. LCD screen should not be collided and CMOS camera should keep clean

Vehicle traveling data recorder is mainly to save the video file for a few seconds before and after accident ,rather than records video for the whole journey .4G card can save HD video around 40 minutes ,which is good enough for normal use purpose

Insert the USB cable (not included) when connecting product into computer ,the system default is U disk ,which can copy ,cut and paste ,delete and browsing video .Insert this device into USB port of computer and removable disk will be pop up on your computer after a couple of seconds.

Do not expose this unit under the direct sunlight for a long period of time. Park in the shade to avoid damaging the LCD.

## III. Contents:

No.	Component name	Pictures	Required amounts of complete machine
1	Camera and Transmitter		1
2	Mainframe Receiver		1
3	Vehicle-mounted support		1
4.	Power line		1

5	Mounting Accessories		1

#### IV. Product operation and signal instructions

1. Power supply mode: receiver power supply can plug into the cigarette lighter socket of your car. Transmitter power supply should be connected with taillight power supply.

2. Transmitter operations:

Transmitter would transmit 2.4G wireless reverse video signal automatically when reverse gear shift starts.

3. Receiver operations:

3.1 Receiver will work automatically once plugged in and the indicator light will be bright. Indicator light would be bright when storing video and images.

3.2. When receiver receives 2.G wireless reverse video signal, the screen would be switched to reverse picture.

3.3 Function instructions of receiver buttons:






- ◆ Menu/Back. Short press it for menu or back to last level. Long press it for video files protection or delete function in replay mode.
- ◆ Page up/ **Record**. In menu, it would turn the page up. In picture, short press it to start and stop the video. In playback, short press it for fast forward and fast backward.
- ◆ Power/enter. Short press it for turn on , long press for turn off the machine. In menu, short press it for entering or verifying.
- ◆ **Page** down/**Playback**/volume. In menu, it would turn the page down. In picture, short press it to enter playback interface quickly. In playback interface, short press it to adjust volume (volume adjustment only for the machine with audio).
- ◆ **Guard line** on/off. In reverse interface, press it to turn on and turn off **the Guard** line.







### 3.4 Receiver's menu mode Function Description

Press different menu button and enter into corresponding setting







#### ◇ Display setup

 Display setup		Brightness	Set the value 0-100
		Contrast	Set the value 0-100
		Color	Set the value 0-100
		Rotate and Mirror	NORNAL/UP/FILP/UP&FILP








#### ◇ Event recorder setup

 Event recorder setup		Record	Record setup
		Setup	System setup
		Playback	Playback selection




◇ Record

 Record		Size	VGA(640*480) /HD(1280*720) , Resolution ratio of video screen Selection
		Record Mode	AUTO start/Motion detect/Manual, Record Mode Selection
		Overwrite	On/Off , Cyclic and covering selection
		Time Sstamp	Off/Date Only/Date&Time, Message displaying on video
		Mic	Audio Record On/Off

◇ Setup

		Format	Cancel/Execute ,Format SD card
		Language	English/Français/Español /Português/Deutsch ,Language Selection
		Auto off	1 Min/3 Min/5 Min/Off ,Lcd display auto off
		Sys. Reset	Back to the factory setting
		Date	Time/Date form at set
		Version	Software version

◇ Playback

 Playback		Delete	Delete Single/All ,Select video segments and long press MENU for operations
		Protect	Protect or unprotect Single/All, Select video segments and long press MENU for operations

V. Installation

1. Install the receiver as follows:



2. Install receiver and station and windshield as follows:
3. Connect one end of receiver power line to main engine and the other end to car DC12V cigarette power socket as follows:



4. Install transmitter to car tail and power line on reversing lights as follows:



#### Specifications:

##### A. Transmitter:

1. Voltage: 8-15VDC
2. **Current:** 0.2A
3. Transmitting frequency: 2.4GHZ
4. Transmitting power: maximum 10dBm
5. Reversing camera resolution ratio: 30W pixels (VGA)
6. Emission wavelength of infrared ray: 850nm
7. Visual range of infrared ray:  $\geq 1.5M$
8. Infrared LED lighting conditions: **Illuminancy:**  $\leq 5Lux$

**B: Receiver:**

1. Voltage: 8-15VDC
2. Power current:  $\leq 0.5A$
- 3 Power consumption:  $\leq 5 W$
4. Shutdown current:  $< 1mA$
5. Receiving frequency: 2414Mhz
6. Receive sensibility:  $< -85dBm$
- 7.LCD: 4.3"
8. LCD resolution: H\*V (480x3RGBX272)
9. COMS lens resolution: HD 720P

**C. General:**

1. Transmission distance:  $\geq 50M$
2. Working temperature:  $-10/+50^{\circ}C$
3. Storage temperature:  $-20/+60^{\circ}C$
4. USB2. 0
5. MICRO SD card above CLASS4, up to 32GB