MAKE AUTO SAFE



User Manual

Magnetic Solar Wireless RV Backup Camera Kit with 7" LCD

Model: AM700

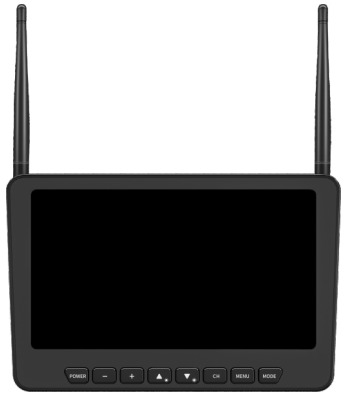
FC CE RoHS Made in China 20 PAP

Functional descriptions in this manual are subject to change without notice.

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Package List



7-inch Display



Mounting Bracket



Camera with 2.4G antenna



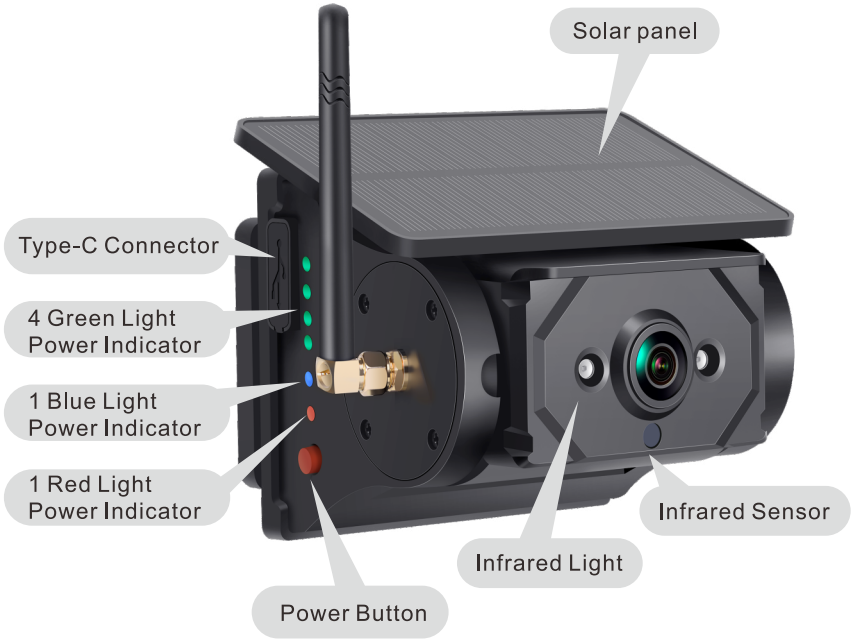
Magnetic Base



Type-C charging cable

Note: Accessories may vary slightly by production batch.

Camera Introduction



4 Green LEDs: Indicate battery level. Press the red button once to display battery level for 2 seconds. Four lights indicate a full charge, while one light indicates low battery and requires charging.

Blue LED: Indicates the camera is working. It turns off when the camera is turned off.

Red LED: Indicates charging status. It flashes during charging and stays on when fully charged.

Red Button: Press and hold for 3 seconds to turn the camera on or off. Press once to check the battery level.

850nm Infrared Night Vision Lights: Automatically activate in low light conditions.

Light Sensor: Turns on the infrared lights when the environment is dark.

Solar Panel: 5.5V 1W monocrystalline silicon high-efficiency solar panel for charging.

Strong Magnetic Base: Features 10 powerful magnets for secure installation.

Camera Angle Adjuster: Loosen the right knob to adjust the camera angle vertically, then tighten it.

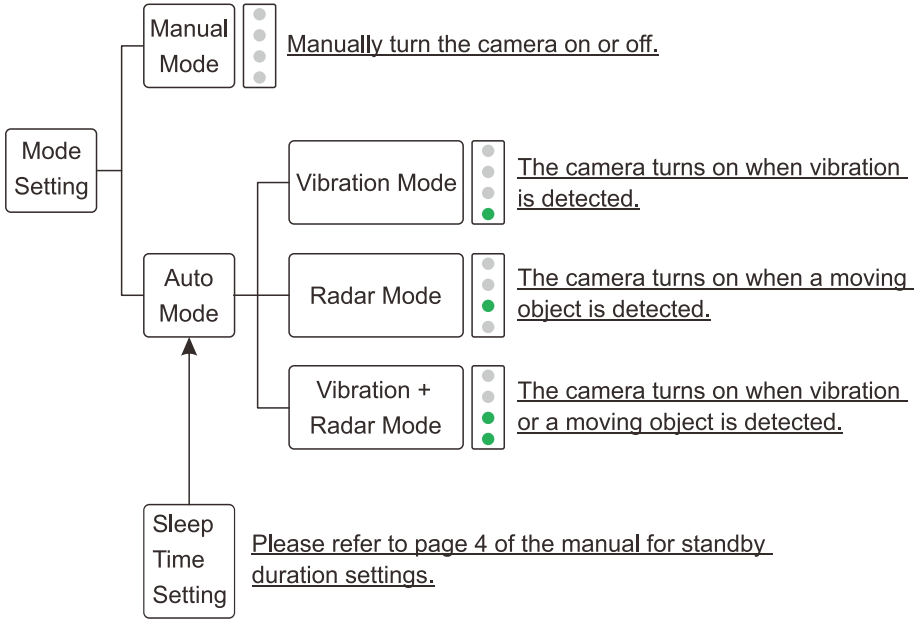
Camera Introduction

Mode Setting

Press and hold the red power button for 3 seconds to turn on the camera.
Press the power button three times consecutively. After entering setup mode, the indicator will flash slowly.

Each press of the power button cycles through the following four modes in sequence:

- First green light near the blue light flashes: Vibration Mode
- Second green light flashes: Radar Mode
- First and second green lights flash simultaneously: Vibration + Radar Mode
- Both green lights off: Manual Mode



Long press the power button for 2 seconds, or if no operation is detected within 5 seconds, the device will exit the current setting.

Camera Introduction

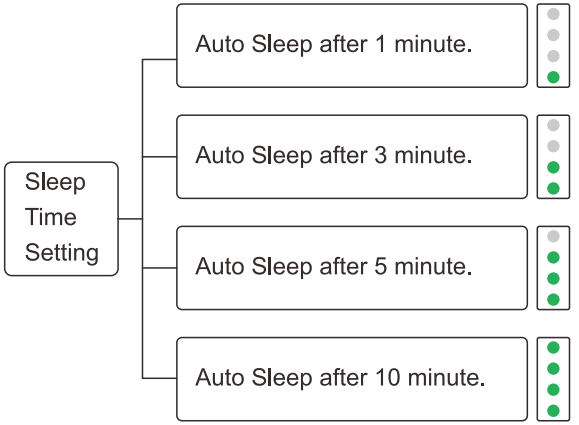
Sleep Time Setting

When the device is powered on, press the power button five times consecutively. The blue indicator will flash quickly after entering the time setting mode.

Each press of the button cycles through the following statuses:

- First green light flashes quickly: 1 minute
- First two green lights flash quickly: 3 minutes
- First three green lights flash quickly: 5 minutes
- All four green lights flash quickly: 10 minutes

This function allows you to set the time for the camera to enter standby mode when no vibration or motion is detected, helping to save power.



Long press the button for 2 seconds, or if no operation is detected within 5 seconds, the device will exit the current setting.

Low Battery Indication & Protection

When the battery voltage drops below 3.3V, the first green light flashes slowly as a reminder.When the battery voltage drops below 3.2V, the first green light flashes quickly for 30 seconds, then the device powers off automatically to prevent abnormal operation of the camera.

Camera Installation







1. Fix the metal mounting plate to the RV.
2. Attach the camera to the metal mounting plate.
3. Activate the WiFi camera: Press and hold the red power button for 3 seconds to turn on the camera. The blue LED will stay on.

Notes

1. The magnetic base sticks only to ferromagnetic metal surfaces.
2. Charge the battery promptly when it's low to avoid malfunctions.
3. After use, remove the camera and power the device off manually. Recharge the battery for the next use.
4. Charging speed is determined by the charger output. This device supports a maximum current of 3 A.

Camera Specifications





Camera	
Charging Voltage	5.0V-5.5V
Working Voltage	3.2V-4.2V
Charging Current	Max 3000mA
Battery Capacity	9600mAh ± 20%
Working Current	400mA ± 10% (Day mode with infrared off) 520mA ± 10% (Night mode with infrared on)
Wireless Signal	WiFi
Transmission Distance	Up to 300m in open areas
Video Format	1080P
Lens Angle	120 degrees horizontal, 150 degrees diagonal
Operating Temperature	-20~70°C
Weight	635g
Waterproof rating	Ip67

Display Introduction



1 POWER Power: Press to power ON/OFF

2 − Reduce / Select

3 + Increase / Select

4 ▲ Up / Brightness Decrease

5 ▼ Down / Brightness Increase

6 MENU Settings / Back

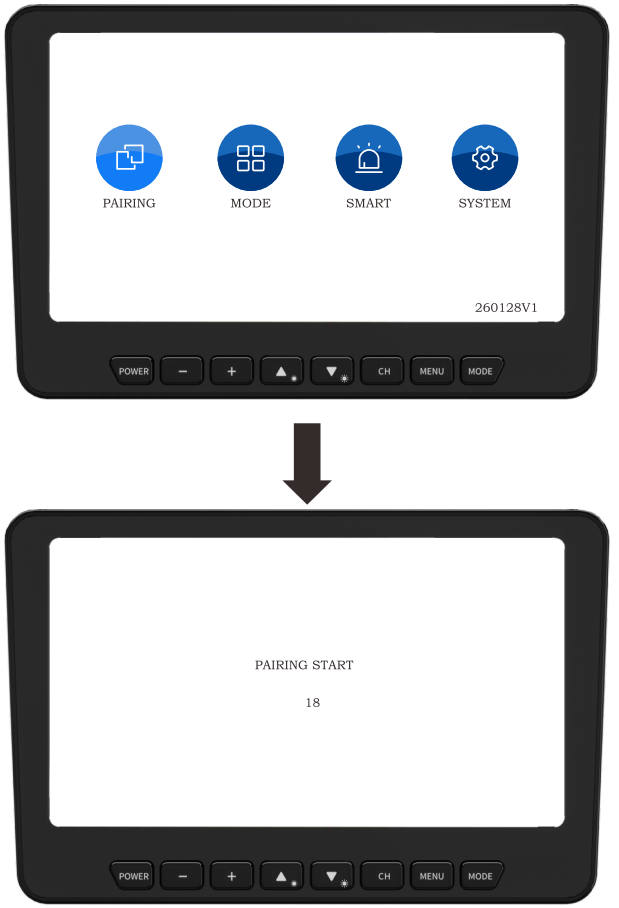
7 MODE Save Settings

* Press POWER to turn on the device. The screen will display after a 2-second delay as the device needs time to start. Please wait patiently.

Display	
Power Supply	5V
Operating Current	250mA
Maximum power	Max2W
Battery Capacity	2000mAh
Type	IPS
Mirroring	Support
Operating Temperature	-20~70℃
Weight	335g
Screen size	7 inch
External Dimensions	7.1"x4.7"x0.8"(18cmx12cmx2cm)

Display Function Introduction (PAIRING)

Press MENU to enter Function menu



Press MODE to start pairing the camera. The pairing lasts about 20 seconds and will automatically connect to nearby cameras that are turned on.

Display Function Introduction (MODE)

Press MENU to enter Function menu, Press ▼ to select MODE, then Press MODE to confirm and enter.



FLIP Settings: It can be set to NORMAL,MIRROR, FLIP,MIR+FLIP.

Cycle time:0-9 Seconds Automatic brightness:ON/OFF

Signal enhancement:ON/OFF Inversion:ON/OFF

Automatic cycle:ON/OFF (Cycle Between Different Channels)

Display Function Introduction (SMART)

Press MENU to enter Function menu, Press ▼ to select SMART, then press MODE to confirm and enter.



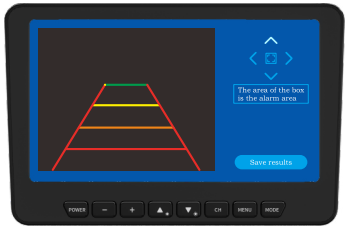
SMART Setting: Calibration and Set.

BSD enable Setting:CH1,CH2(Check to enable alarm)

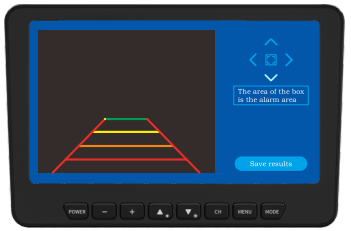
Adjust the Blind Spot Alarm Area

When Calibration is selected on the previous page, Press MODE to confirm and enter.

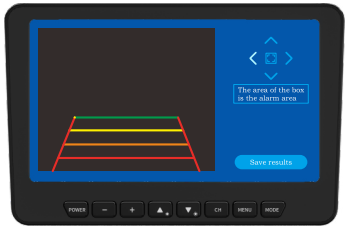
① Upward: Press ▲ / ▼ to select the direction.
When cursor is on"∧", press MODE and the range will move upwards.



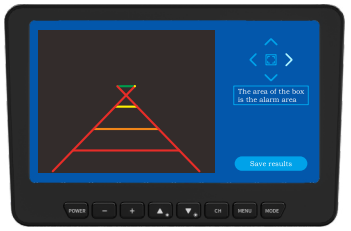
② Downward: Press ▲ / ▼ to select the direction.
When cursor is on"∨", press MODE and the range will move downwards.



③ Leftward: Press ▲ / ▼ to select the direction.
When cursor is on"<", press MODE and the range will move leftwards.



④ Rightward: Press ▲ / ▼ to select the direction.
When cursor is on">", press MODE and the range will move rightwards.



Note: when the cursor is on "Save results", press MODE will save the result.

Display Function Introduction (SMART)

1.Press MENU to enter Function menu, Press ▼ to select SMART, then press MODE to confirm and enter.
2.Press ▼ to select Set, then press MODE to confirm.



Alarm sound: CH2 , CH1

Identification line: ON/OFF

Alarm sensitivity: High / Middle / Low

Display Function Introduction (SYSTEM)

Press MENU to enter Function menu, Press ▼ to select SYSTEM, then Press MODE to confirm and enter.



SYSTEM:

Picture, Language setting, Factory setting, Volume setting,

Trigger delay (This function is unavailable in wireless mode） ,

Power saving mode (No signal within 1–9 minutes → Display turns off .)

Tips

1.It is recommended that the backup camera be charged for **5-6 hours** for the first time.

2.The Antenna can't touch any metal, or it will greatly affect the video signal transmission.

3.The camera cannot fully rely on solar charging, and solar energy can only extend the working time of the camera. It is necessary to charge with a charger regularly .

Customer Service

If you need technical guidance or difficulty in using the camera, please contact our customer service at any time. Our customers will answer all your questions within 12 hours.When you contact our customer service, please attach your #order number or your product model so that we can quickly reply to your question.

FCC Warning

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.If this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.