

Solar powered wireless security camera
AI Pro
 Quick Start Guide



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Warranty Tips

Please fill in the following information or scan QR code to activate the free 12-month warranty from the order date on.
 After finish filling or scanning, please take a picture and send it to the email[support@anran-cctv.com].
 Then your free warranty will take effect!
 During the warranty period, if any parts of product are damaged, please contact us immediately and we will provide satisfactory resolution.
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Free Warranty

ENGLISH

P01-23

SPANISH

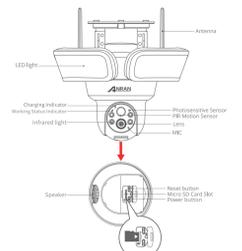
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1. What's Included



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2. Product Overview



CAUTION: Please insert the Micro SD Card according to the direction shown in the figure. If the Micro SD Card is inserted incorrectly, the device could be damaged.
SD Card Note: Support micro SD card for local storage (Max. 128GB).
Reset Button: Used to restore the camera to factory settings. Press and hold on 10s.
Card Capacity requirements: Class 10 level.
Reset button: Please use the reset button to restore the camera to factory settings. Press and hold on 10s.
File Format: FAT32

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3. APP Installation and Account Registration

3.1 Download "ANRAN" APP
Method 1: Download "ANRAN" APP from APP Store (IOS) or Play Store (Android);
Method 2: Scan "ANRAN" APP QR code to download it.



Tips: Please turn on 2 permissions below when use this APP at the first time.
 1. Allow "ANRAN" APP to access mobile cellular data and wireless LAN, or it will be failed to add IP camera.
 2. Allow "ANRAN" APP to receive pushed message, or the cellphone will not receive alarm push when motion detection or audible alarm is triggered.

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3.2 Register Account
 New users need to register by e-mail, click "Register", and follow the steps to complete the registration of the account, then log in.

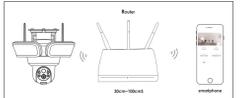
Note:
 • When registering a new account, please choose the region which you are actually in. (Different registered regions can't share the camera.)
 • Please choose to register by e-mail.

4. How to Add Camera to APP
Warning Tip: Please insert the Micro SD card before power on, otherwise, the SD card can not be detected.

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4.1 Power on Camera
 • Please long press the power button for 5s to power the camera.
 • The indicator with red light blinking slowly means the camera is started successfully.

4.2 Connect the Camera
 Put the camera and smart phone 1 to 3 feet (30 to 100 cm) away from the router to set Wi-Fi.



Warning Tip:
 • The camera only supports 2.4GHz Wi-Fi and doesn't support 5GHz Wi-Fi.
 • Please ensure that the Wi-Fi signal strength is to be over than 85%. If the camera is far away from the signal source, it won't be connected successfully for the first time.

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Wi-Fi Connection Steps:



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5. Mounting the Camera

Find a Good Mounting Spot
 To find a spot to mount camera, you need to test wireless signal strength.

- Open the ANRAN App, go to Camera Settings > Mounting Guide.
- To test the wireless signal strength, take your camera and phone to the location where you want to mount the camera.
- Move the camera as close to the Wi-Fi Router as possible to get a better signal.



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Select Height and location
 Hang the camera 118 to 123 cm above the ground. This height maximizes the detection range of the motion sensor of the camera. Avoid placing the camera under direct sunlight.



Installation instruction of solar panel
 1. Keep the installation angle of solar panels about 30°-45° with the horizontal plane, as shown in the picture below.
 2. The installation between the solar panel and the camera is shown in the following figure: open the silicone cover at the bottom of the camera, remove the small center part of the cover, insert the power cord through the opening and plug it into the Type-C port and then close the cover taking up any slack in the power cord from the solar panel.



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Tips for the installation of solar panel

- When installing in the northern hemisphere, face the panel to the south, and when installing in the southern hemisphere, face the panel to the north.
- Take care to install the solar panel so that the sun is not blocked by any items such as eaves, trees branches, etc.



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Test the Wi-Fi signal at installation position

Use cell phone to test Wi-Fi signal quality at the installation position before installing camera, make sure the Wi-Fi router can provide good Wi-Fi signal.

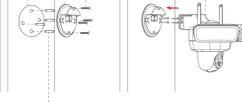


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Installation

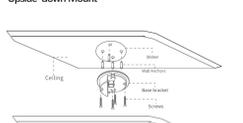
- Drilling according to position sticker, drill bit: 15/64"(6 mm).
- Insert the plugs.
- Tighten the screws.

What is required:



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Upside-down Mount

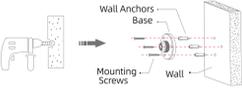


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Installation instruction of solar panel

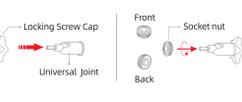
Place Solar Panel in an area with consistent sunlight throughout the day. It only needs a few hours of direct sunlight each day to keep your camera powered.
 The amount of energy that the solar panel produces is affected by weather conditions, seasonal changes, geographic location, etc.

- Fix the base to your mounting location using the included screws. If the installation surface is soft or unstable, first use a φ 6.0 drill bit to drill a hole in the wall, then insert the anchor nail into the hole, and fix the base with screws.

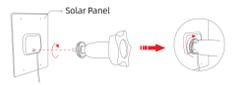


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2. First, install the locking screw cap into the universal joint and then screw the circular socket nut into the universal joint.

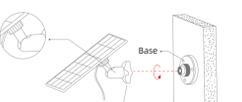


3. Screw the universal joint into the back of the solar panel. Tighten it firmly with the attached nut.



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4. Screw the locking screw cap into the base. Make sure that the universal joint is angled upward.



5. When adjusting the solar panel left or right, loosen the locking screw cap, turn the sleeve rod and tighten the locking screw cap when the panel is in position.



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2. Solar panel's angle can be adjusted up and down up to 90°.



6. Solar panel's angle can be adjusted up and down up to 90°.



Tip: After the installation is complete, please check that all locking mechanisms are tightly secured.

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6. PIR Motion Detection Settings

Enter the application -> Parameter Setting -> Motion Detection interface.

Sensitivity	Detecting Distance (For moving objects)
Level 1-3 [Low]	Up to 4-5 meters
Level 4-7 [Medium]	Up to 5-8 meters
Level 8-10 [High]	Up to 8-13 meters

Warm Tips:
 • When you encounter the missed or delayed alarm frequently in using this camera, you can adjust the motion detection sensitivity to solve them.
 • If you notice the poor performance of motion detection in the night environment, try to turn off "Night Detection".

7. Product Specification

Resolution	3MP/5MP @ 12-15fps
Storage	TF Card (max. 128GB), Cloud Storage
Wi-Fi	Only 2.4GHz

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Infrared LEDs	850nm
Waterproof	IP65
OS	iOS (>8); Android (>4.2)
Wi-Fi Standards	IEEE 802.11b/g/n
Power	5V 1A
Working Temp & Humidity	-20°C - 50°C (-4°F - 122°F) <90% (no condensation)

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8. FAQs

1) The device prompts offline?

- Check whether the equipment is in the power-on state, and observe whether the working light of the equipment is on normally.
- Check whether the Wi-Fi network is in good condition and restart the router.
- If the device is located far away from the router, which results in the inability to obtain a good Wi-Fi signal, it is recommended to move the router to a closer place or add a Wi-Fi amplifier to improve the Wi-Fi performance of the home.
- Delete the camera from your ANRAN account and add it again after resetting the device.
- Check whether the device firmware and application program are the latest version.

2) Update router or Wi-Fi password?

Delete the camera from your ANRAN account. After resetting the device, use the new Wi-Fi and password to add it again.

3) Can't play historical video?

- Check the status of the SD card in "Settings" to ensure that the SD card has been successfully recognized.
- Reinsert the SD card.
- In the application, format the SD card.
- Try another new SD card.

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4) Why doesn't the device identify the SD card?

- Please insert the Micro SD card before power on.
- It is recommended to use San Disk, Samsung and other brand cards.
- It is recommended to use a standard class 10 TF card.
- Only FAT32 format is supported.
- TF card can't be identified when the internet environment is not good.

5) Why the battery life of my device is poor?

- Please check whether the number of alarms is too frequent. Because the working time of the device determines the battery life. The more frequent PIR wake-ups, the faster the battery consume due to the longer working time. It is recommended to appropriately lower the motion detection sensitivity of the device and set the alarm interval and alarm time plan. (Note: Outdoor air conditioning units, moving cars and the passing pedestrians will cause frequent alarms. Please adjust the angle of the device to avoid these objects.)
- In cold weather, the battery capacity will be reduced, which will affect the endurance of the device.

6) The phone cannot receive the alarm push?

- Turn on all the push permissions of the "ANRAN"

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application in the system settings of your mobile phone.

- Make sure that the device's motion detection function is successfully turned on.
- Restart the phone, and clear the cache on Android phones.
- Check whether the network is good.

7) How to judge whether the charging is successful?

The device's charging indicator light is red, which means it is charging. A blue light means that the device is not in good contact with the Type-C charging cable.

8) What should I do if the charge fails?

- Determine whether the power adapter is good, try another one.
- Determine whether the Type-C charging cable is good, try another one.
- The charging indicator may be defective, please check the charging condition in the phone APP.
- Determine whether the charging port of the device is not in good contact with the Type-C charging cable.
- The device has a low temperature charging protection module, please don't charge the device at low temperatures.

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1. Qué Incluye

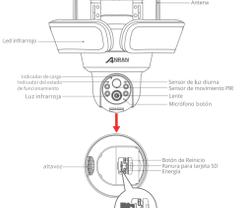


Panel Solar



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2. Introducción al Producto



PRECAUCIÓN: Inserte la tarjeta Micro SD de acuerdo con la dirección que se muestra en el diagrama. La tarjeta Micro SD no podrá almacenarse si se inserta incorrectamente y el dispositivo podría dañarse.
Puerto de tarjeta SD: admite tarjeta micro SD para almacenamiento local (Máx. 128GB).
Botón de reinicio: se utiliza para restaurar la cámara a la configuración de fábrica (mantenga presionado durante 5 segundos).
Requisitos de capacidad de la tarjeta: FAT32, 128GB.
Requisitos de velocidad de lectura y escritura: nivel de clase 10.
Formato de archivo: FAT32.

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3. Instalación de la Aplicación y Registro de la Cuenta

3.1 Descargar la Aplicación "ANRAN"

Método 1: Descargue la aplicación "ANRAN" desde APP Store (IOS) o Play Store (Android);

Método 2: Escanee el código QR de la APLICACIÓN "ANRAN" para descargarla.



Consejos: Active 2 permisos al continuación cuando utilice esta aplicación por primera vez.
 1. Permita que la aplicación "ANRAN" acceda a datos móviles y LAN inalámbrica, o no podrá agregar la cámara IP.
 2. Permita que la aplicación "ANRAN" reciba un mensaje empujado, o el teléfono celular no recibirá el empuje de alarma cuando se active la detección de movimiento o la alarma audible.

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3.2 Registrar Cuenta
 Los nuevos usuarios deben registrarse por correo electrónico, hacer clic en "Registrar" y seguir los pasos para completar el registro de la cuenta, luego iniciar sesión.

- Cuando registre una nueva cuenta, elija la región en la que se encuentra. (Los diferentes regiones registradas no pueden compartir la cámara).
- Elija registrarse por correo electrónico.

4. Cómo agregar la Cámara a la Aplicación

Consejo de Calentamiento: inserte la tarjeta Micro SD antes de encender, de lo contrario, no se podrá

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detectar la tarjeta SD.

4.1 Encender la Cámara

- Mantenga presionado el botón de encendido durante 5 segundos para encender la cámara.
- El indicador con luz roja parpadeando lentamente significa que la cámara se inició correctamente.

4.2 Conectar una Cámara

Coloque la cámara y el teléfono inteligente a una distancia de 30 a 100 cm (1 a 3 pies) del enrutador para configurar la conexión Wi-Fi.



Consejo de Calentamiento:
 • La cámara solo admite Wi-Fi de 2.4 GHz y no es compatible con Wi-Fi de 5 GHz.
 • Asegúrese de que la intensidad de la señal de Wi-Fi sea superior al 85%. Si la cámara está lejos de la fuente de señal, no se conectará correctamente por primera vez.

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Pasos para la conexión Wi-Fi:



6. El ángulo del panel solar puede ajustarse hacia arriba y hacia abajo hasta 90°.

Consejo: Una vez terminada la instalación, compruebe que todos los mecanismos de bloqueo están bien fijados.

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Instalación

1. Perforar de acuerdo con la etiqueta de posición, broca: 15/64"(6 mm).

2. Insertar los tacos.

3. Apretar los tornillos.

Lo que se necesita:



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5. Montaje de la cámara

Encontrar un buen lugar para el montaje

Para encontrar un lugar para montar la Cámara Solar Lite, es necesario comprobar la intensidad de la señal de la señal Wi-Fi.

1. Abra la aplicación ANRAN y ve a Ajustes de la cámara > Guía de Montaje.

2. Para comprobar la intensidad de la señal de la red Wi-Fi, lleve la cámara y el teléfono al lugar donde quiere montar la cámara.

3. Acerca la cámara lo máximo posible al router Wi-Fi para obtener una mejor señal.



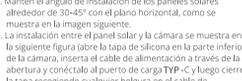
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Selección la altura y la ubicación

Cuelga Cámara a 2-3 metros por encima del suelo.

La cantidad de energía que produce el panel solar se ve afectada por las condiciones meteorológicas, los cambios estacionales, la ubicación geográfica, etc.

1. Fija la base en el lugar de montaje con los tornillos incluidos. Si la superficie de instalación es blanda o inestable, utilice primero una broca φ6 (para hacer un agujero en la pared). Luego inserte el clavo de anclaje en el agujero y fíjela base con tornillos.

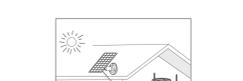


2. Primero, instala el tapón roscado de bloqueo en la junta universal luego atornilla la tuerca de fijación circular en la junta universal.



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- Procura instalar el panel solar de modo que el sol no quede bloqueado por elementos como aleros, ramas de árboles, etc.
- Apretar la cámara en el soporte de montaje.



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Comprueba la señal Wi-Fi en la posición de instalación

Utiliza el teléfono móvil para probar la calidad de la señal Wi-Fi en la posición de instalación antes de instalar la cámara, asegúrate de que el router Wi-Fi puede proporcionar una buena señal Wi-Fi.



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6. Configuración de Detección de Movimiento PIR

Ingrese a la aplicación -> Configuración de parámetros -> Interfaz "Detección de movimiento".

Sensibilidad	Distancia de Detección (para objetos en movimiento)
Nivel 1-3 [Bajo]	Hasta 4-5 metros
Nivel 4-7 [Medio]	Hasta 5-8 metros
Nivel 8-10 [Alto]	Hasta 8-13 metros