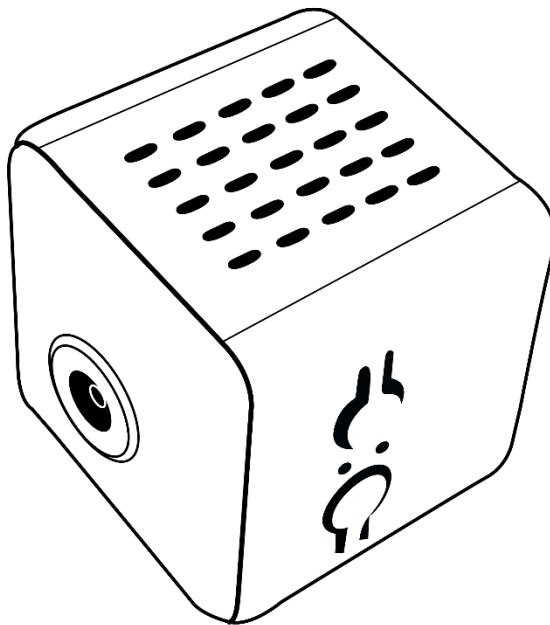


MW1 Mini Camera

Quick Guide



English

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Warranty

If you have problems using the product, or need to process product replacement/refund, please email us (please see below). We will respond in 24hours.

.....

Service email:

service@wiwacam.com

More camera operating guides:

wiwacam.com/support

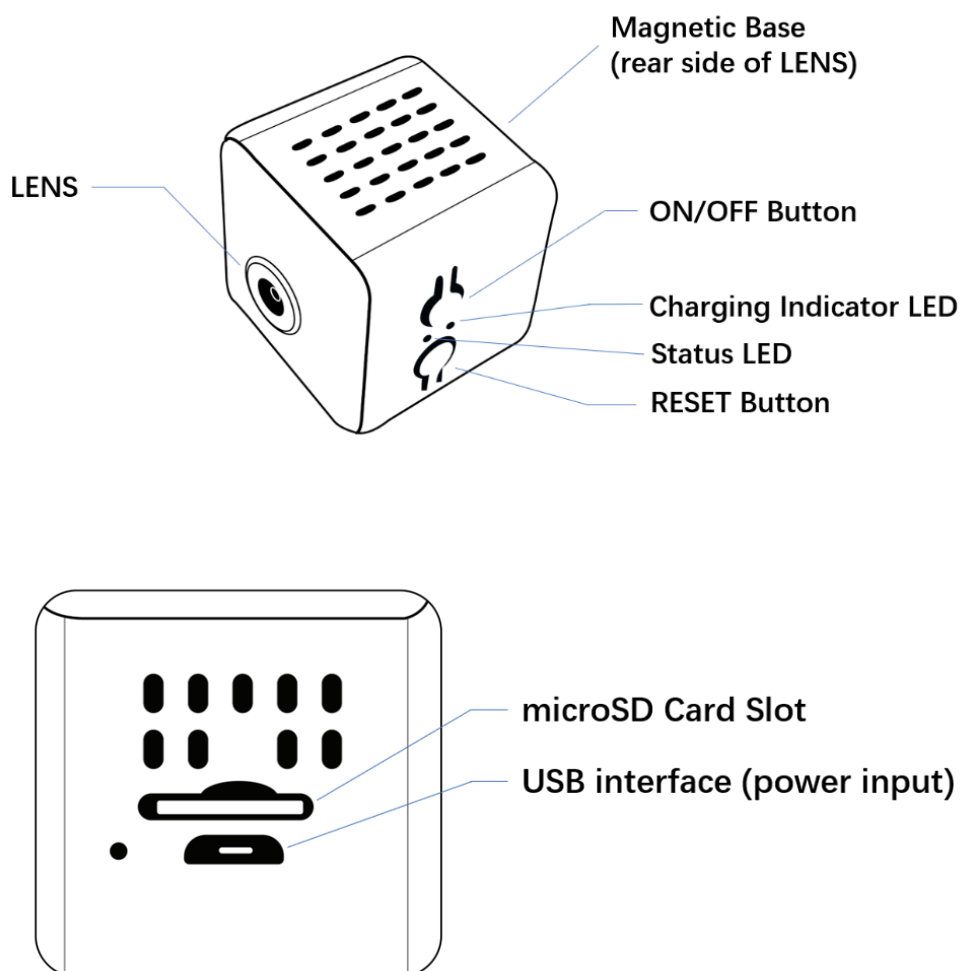
Note

This quick guide shows how to set up camera, reset camera and features like battery, night mode, install microSD card etc.

Due to the small package size, we are forced to provide further information such as extra guides, data sheet, latest updates etc. in a PDF online, check this link: <https://wiwacam.com/mw1-pdf-en>

If you need instructions about how to record without WiFi, check out this link, <https://wiwacam.com/no-wifi-en>

1. Product Brief



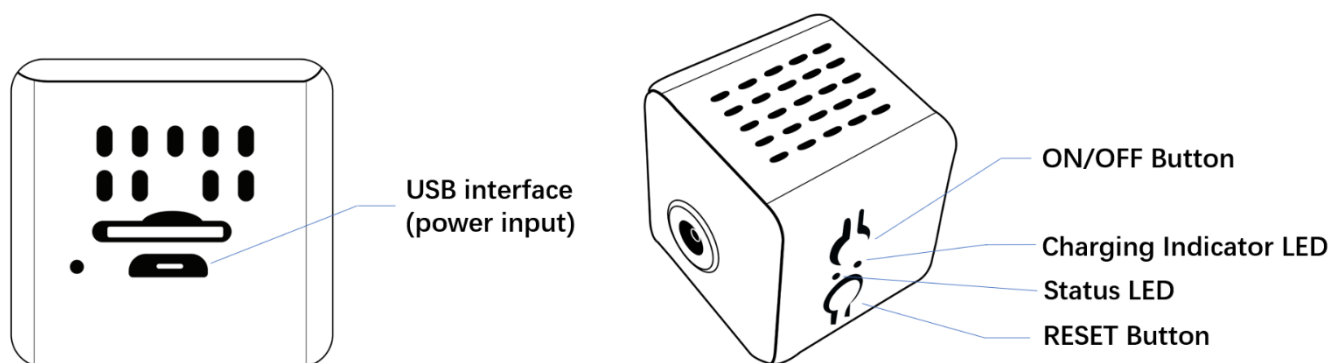
2. Set up Camera and Connect to WiFi

2.1 Preparation

Please check the following before using your camera for the first time:

- ✓ Your router has a 2.4GHz WiFi
- ✓ Connect your smartphone to the target WiFi (the one you want the camera to connect to).
- ✓ Put your smartphone and camera close to your WiFi router, within a radius of max. three meters (9 feet) during the installation process (once installation completed; you can move the camera further away)
- ✓ You have the correct WiFi password of this WiFi

2.2 Turning on the camera



- ✓ Connect the camera to the power by standard USB adapter (5V 1A or 5V 2A). Turn on the camera by pressing and holding the ON/OFF button for 5 seconds, then release.

You will see the status LED light up, which means camera is on and booting.

- ✓ Wait for 30 to 40 seconds, you will see the Status LED flash in red and blue.
- ✓ If the status LED does not flash in red and blue, please try resetting the

camera first (See Chapter 4)

2.3 WIWACAM app

✓ Search for 'wiwacam' in the App Store (iPhone) or in Google Play (Android) to find and install the 'WIWACAM' app for free.



✓ Set up a new account in the WIWACAM app by clicking 'New User Registration'.

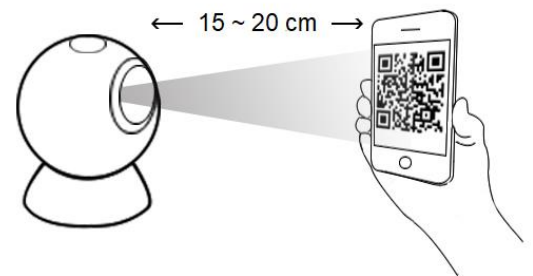
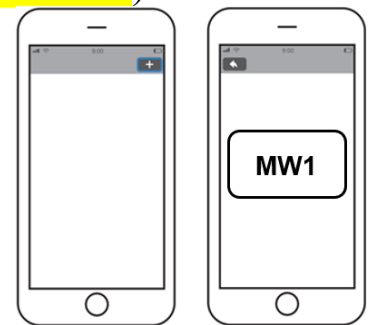
(If you already have a WIWACAM app account, just login to the account)

2.4 Setup MW1 camera

The app will guide you through the configuration process step by step.

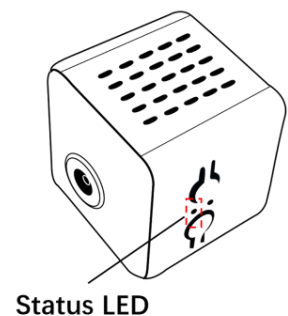
(Video tutorial available: <https://wiwacam.com/mw1-s-en>)

1. Start the WIWACAM app, click the + button in top right corner to add a new camera.
2. Select 'MW1' from the menu options. Then follow the instructions in the app.
3. Check if the network now shown in app is correct network to connect (must be 2.4G Wi-Fi) --> input correct Wi-Fi password, press 'Next'.
4. Keep camera about 15cm (6 inches) away from phone, the camera facing the QR Code on the phone screen.



At the same time, pay attention to the **Status LED** on the MW1, once camera has scanned successfully, you will see the **Status LED** flashing in blue quickly, then click 'NEXT' button in the current app page.

(In some cases the app will detect camera automatically, app will continue to next step automatically.)



5. The app will find and add the camera, ask you to name it and set your own password to the camera.

Now, the camera has been added into the app. You can watch the live video.

Important Note: The camera supports two setup methods. If the setup guide above cannot work for you, you could try the other way. Check video tutorial for second method:

<https://wiwacam.com/mw1-a-en>

Tip: Users can change camera settings once camera added.

Note: to power off the camera, when camera is running, press **ON/OFF button** for 5seconds the release, the camera will power off.

3 Battery and Recharge

There is 800mAh rechargeable battery built in the MW1 camera. A full charge could support camera working for approximately 90 minutes (recording and some live video transmission, depending on the workload.)

The camera could recharge the battery while camera is connected to USB power.

The camera recording works during camera recharging.

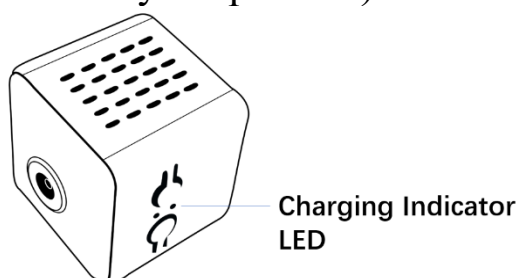
Note 1: Please charge the battery fully before running the camera over the battery for the first time.

Note 2: The built-in Li battery may need 3 times of full recharge cycle to active its full capacity. One full recharging cycle means full recharge battery then run out of the battery.

(If you feel the battery capacity may get a problem even after recharged 3times, please contact our support for a checking and replacement, support email: service@wiwacam.com)

To charge the camera battery:

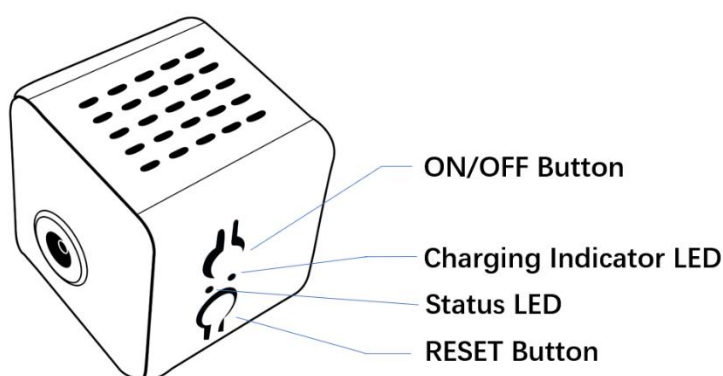
- ✓ Connect the camera by USB cable to power adapter, the camera battery will be charged. The **Charging indicator LED** will be lit up as Solid Green.
- ✓ Normally, it will take 2 hours for a full charge.
- ✓ When fully charged, the **Charging indicator LED** will be off, you will not see the Solid Green LED. (If camera keeps working during recharging, the **Charging indicator LED** may keep lit on.)



4 Reset the Mini Camera

You can reset the mini camera. This makes camera restore to factory default settings (camera forget all user-set settings, including WiFi name and WiFi password).

To reset camera:



1. Connect the camera to the power. Turn on the camera (if the Status LED is lit up or flash, the camera is turned on and running).

2. Press the **RESET button** for 3-4 seconds, you will see the **Status LED** starts to quickly flash blue.
Release pressing **RESET** button, and please wait a few seconds before performing the next step.
(If the camera is not turned on, the camera will not response to pressing RESET button. Go to Step1 turn on camera.)
3. Wait about 40 seconds, check the **Status LED** is flashing blue and red, the camera reset now is completed.
(**Status LED** is NOT flashing in blue and red after reset? Just try to reset the camera one more time from the start)

5 Mount the camera

Note: select a suitable location with good WiFi signal. In WIWACAM app, there is a built-in WLAN Test, could be found in app->Tools. Perform a WLAN test via the app in advance to check the WLAN signal in that place is good enough or not.

The camera has built-in magnet on the back side. It offers you various choices for the installation spot, e.g.:

- Option 1: glue or stick the mounting stand in the product box to the chosen wall or furniture. Then approach the camera's magnetic back side to the mounting stand surface, they will be stuck together.
- Option 2: put the camera magnetic side to iron/steel surfaces such as refrigerator, or steel part of furniture.
- Option 3: Glue or stick the iron plate in the product box to the chosen wall or furniture. Remove the plastic cover from the iron plate. Then approach the camera magnetic back side to the iron plate, they will be stuck together.
- Option 4: just put the camera onto a desktop or a different surface.

6 Features

The mini camera can deliver live video and audio to smartphone as long as there is internet for mini camera and smartphone, no matter if phone is at home or away from home.

All the features can also be controlled remotely via your smartphone via

WIWACAM app.

Live video to phone (access at home or remote)

Motion Detection and Alert

Alarm Zone, Alarm Email

Night Vision, Night Vision by Schedule

Recording to microSD card

RTSP

Human Detection (optional option, not included)

Cloud Recording (optional option, not included)

More

There are more features available for the mini camera, you can find them in the camera settings in WIWACAM app. Or visit our official site wiwacam.com/blog to get latest information.

7 microSD Card Slot

You can find the microSD card slot on one side of the camera, closed to USB power interface.

Insert the microSD card with the contact (metal) side facing the USB interface.

Supports microSD card from 4GB to 128GB.

Note: make sure microSD card has been formatted to **FAT32** on PC/MAC first, before inserting card into camera.

Camera records to microSD card with .avx file format into microSD card. (avx format could provide enhanced data loss protection during video data recording).

We provide a tool for PC and MAC to convert avx file to mp4 file, then you can view the video recording on PC/MAC directly.

Download convert tool,

for PC: <https://wiwacam.com/AVX2MP4>

for MAC: <https://wiwacam.com/AVX2MP4-MAC>

8 Add camera to other smartphones

Once the camera is set up and connected to your Wi-Fi, you can add the camera to other smartphones:

Preparation:

On the other smartphones, download the WIWACAM app and register a new user account (see chapter 2.3) or log in if you already have an account. Each smartphone should have its own account.

Option 1: On the local network

1. Connect the smartphone to the same WLAN as the camera.
 2. Run the WIWACAM app. In the "My Camera" page, wait 3mins until a blue strip indicates that a new camera has been detected.
 3. Click on this blue strip and confirm that you want to add the camera. Enter the correct camera password (set by you or the owner).
- Done!

Option 2: From outside of home/office or if the camera was not detected automatically

1. Run the WIWACAM app.
2. Click the "+" button on the top right, select "Manual Add".
3. The app will ask for the Camera ID and Camera password. Enter both of these details. Done!

(Camera ID could be found on a tag on the camera body, starts with 'R', like R001234.

or go to the WIWACAM app which already adds the camera: 'My Camera' page → camera settings → camera info)

9 Best Practice of Night Vision

The camera offers Auto Night Vision feature. It will auto enter into Night Mode while the environment is dark or with poor light condition.

Make sure there are no obstacles or reflective surfaces within 1m(3feet) in front of the camera when the camera is in night mode.

Otherwise, the light from the infrared LED will be blocked and the image quality in night vision will not be good.

If blocked, The IR LED will then strongly illuminate these obstacles and areas, and more distant areas will remain too dark, and the image may be foggy. This can also affect the reliability of the surveillance.

For example, if the MW1 is placed directly on a table (without the mount), the table and lens are too close to each other.

The table surface reflects the light from the IR LED and causes the phenomenon described above and significantly reduces the range of night vision.

Using the mount will bring significant improvement in this case.

When selecting a mounting location, please make sure there are no reflective surfaces or other obstacles close to the lens.

10 FAQ

Follow this link to go to our online FAQ. We update the online FAQ regularly to include more feature guides, tips and hot topics:

<https://wiwacam.com/mw1-faq-en>

11 Error diagnostics

If you have meet issues like camera offline or camera not connect to WiFi, have a look at **Status LED** first. From the way how **status LED** is blinking, we can know what is the status of the camera.

Status LED Display	Camera Status
No display, LED off	Power off
Steady PINK (blue+red)	Power On, booting, please wait
Flashing blue and red	● Camera has been reset. Camera ready for setup (see Chapter 2). ● At the same time, camera is emitting its own WiFi under this status.
Flashing blue	Reserved Mode, Not used. Please reset the camera and try again (see Chapter 4).
Steady Blue	Camera is connected to the router via WiFi. This LED can be switched off in the app.
Flashing red	Wrong WiFi password Please reset the camera and try again (see Chapter 5)
Steady red	WiFi signal strength weak. Or WiFi SSID not found. Please bring the camera closer to the router
Steady blue light with flashing red	IP address assignment failed. Please activate DHCP in the router settings and deactivate MAC filtering

Note: if you see only Green light ON, this means the camera is **not** powered on. Power on the camera first (see **2.2 Turning on the camera**)

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.

Warning: 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body