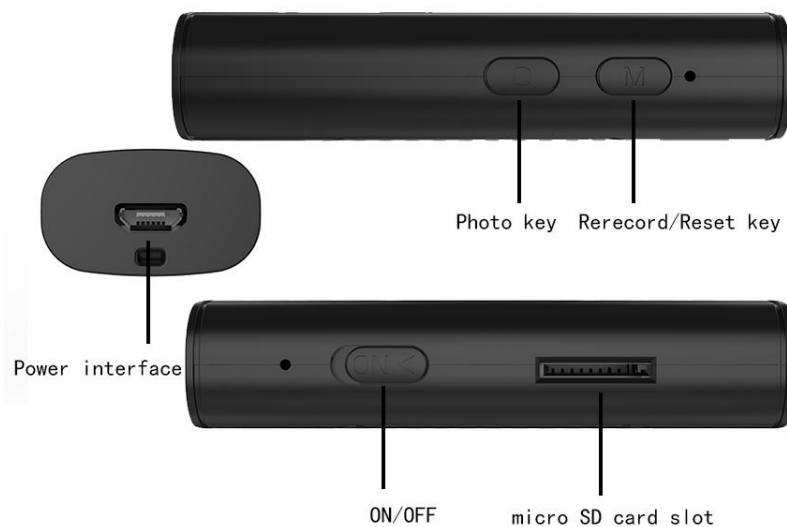


User instruction

Thank you for purchasing our product, We are customer oriented company and strive to provide an outstanding customer care service. Any question or issue, please contact us and we'll answer all your product related questions and solve any arising issues promptly and accurately, If you need more information, please go to the website: www.pnzero.com

I .key function and indicator status description



The blue indicator light is the recording indicator: recording -> blue light flashes slowly; stop recording —> Steady blue light;

The red light is the WIFI working light. The specific mode is as follows:

1. Point to Point mode: red lamp flashing slowly
2. Remote mode: Steady red
3. Remote is not connected to the network: Red flash quickly

The indicator light can be turned off/on in the APP

Description of button: “ON” is power on or off key;

“O” is taking photos key.

“M” is video Recording and reset key, it starts to record by pressing it slightly for 1 second, the blue lamp will flash slowly while recording, it stops recording by pressing it slightly for 1 second, then blue lamp will be bright constantly;

“RESET”, under the condition of power on, press “M” key about 5s, camera will automatically reset and reboot

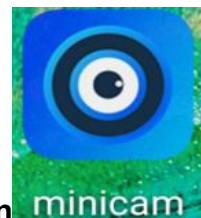
Notice: This reset must be done after the camera is started (ie the red light is flashing or slow flashing).

II, Install APP

IOS devices: Please search the APP Store for the app named "minicam" and install it.

Android devices: Please search the Google Play for the app named "minicam" and install it;

Or use your mobile browser to scan the QR code and select "Download APK" to download and install the app.

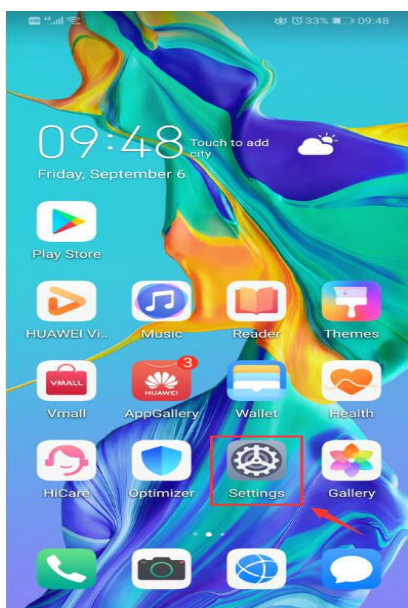


Appears on the phone after installation

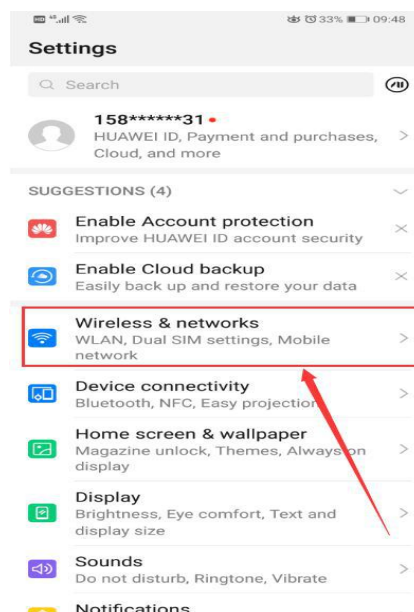
III, Mobile devices is connected to the camera in a point-to-point way

First of all, you need to turn the camera on (It takes about 40s to finish booting) .

Note: If the red lamp flashes quickly or Steady red after boot, reset the camera first (Hold down the "M" key about 5s then camera will automatically reset and reboot), then open the "WLAN" area of the "settings" on your Phone, then you find the camera's WiFi signal and connect the Phone to camera's WiFi signal (i.e. UID number of camera, which is unique to every camera), as shown in figure .



(Step 1)Open phone's settings



(Step 2)Open Wireless../WLAN

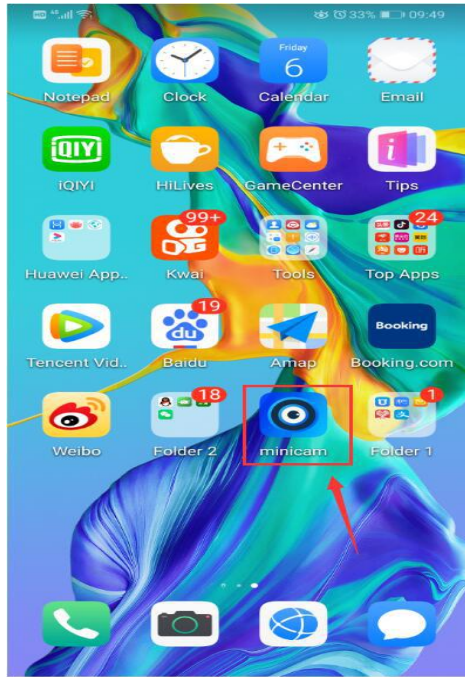


(Step 3)Connect camera's wifi

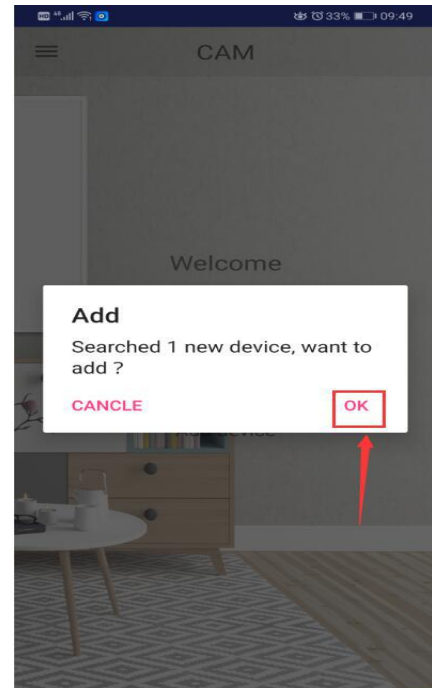


(Step 4)Select CONNECT

Then open the mobile APP (minicam),The new device will pop up automatically as shown below. Click “OK” and the new camera will be automatically added to the list.

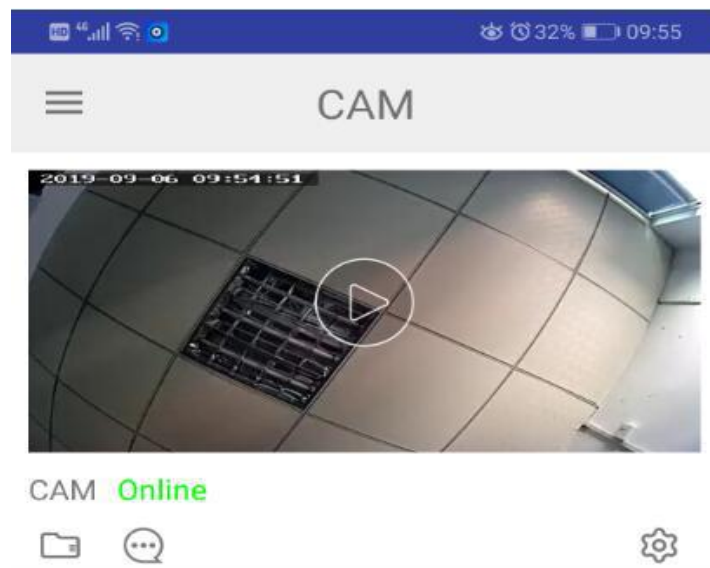


(Step 5) Open minicam




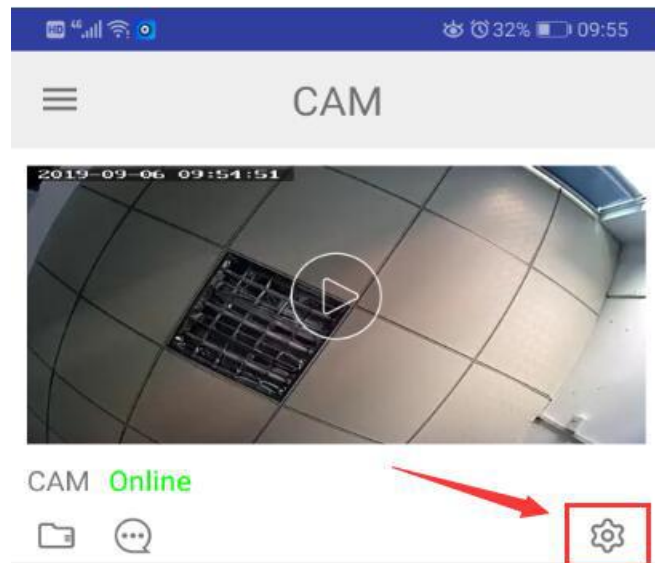
(Step 6) Select OK

Click online camera to watch the video. If you need remote monitoring, set the camera up connect to WiFi.

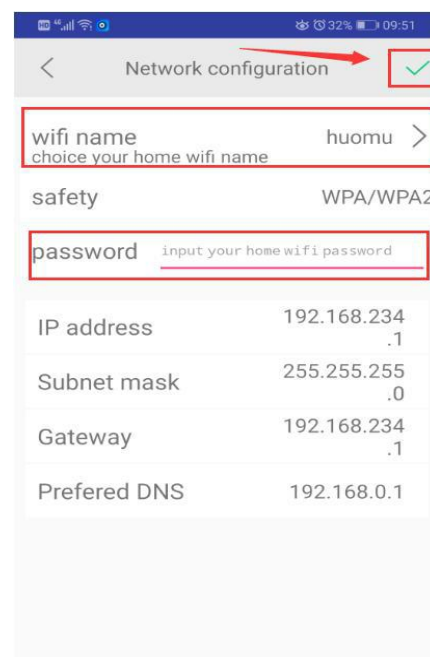
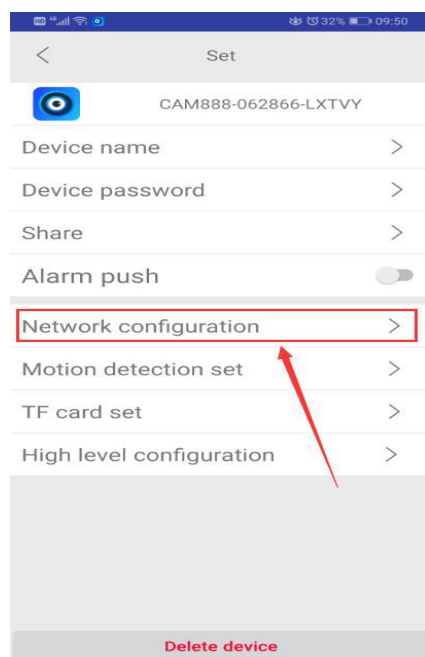



IV. Set the camera connect to WiFi

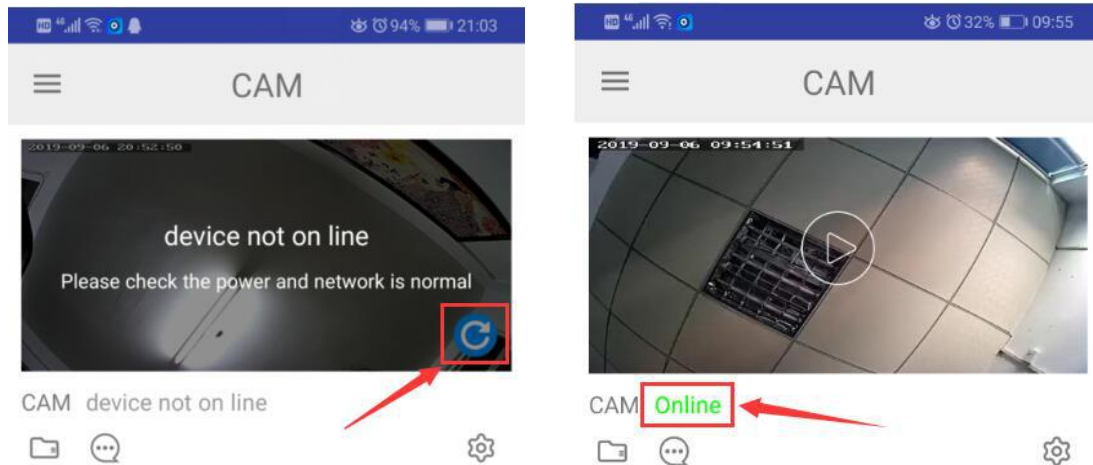
In the point-to-point connection mode and the camera is online, click  in the lower right corner of the camera to go in the setting list.





Then go in "Network Configuration", select your home WIFI name, input the WiFi password, and then click ☒ in the upper right corner or "confirm" at the bottom.

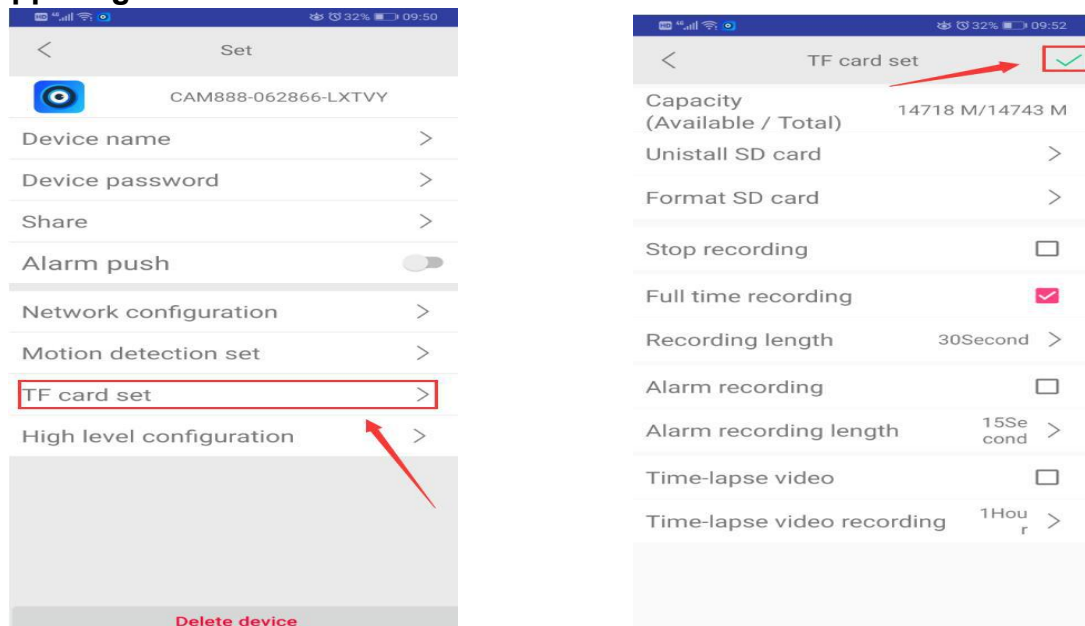


After click "Confirm" or ☒, the camera will restart automatically (takes about 1 minute). After the camera restarts, click  to refresh the connection, or exit the APP and re-open the APP. When the camera displays "Online" , the remote setting is successful, as shown in the following figure:




V. APP controls camera recording (storage to memory card)

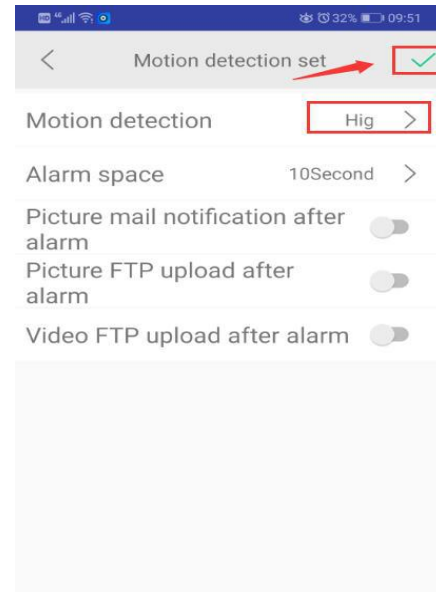
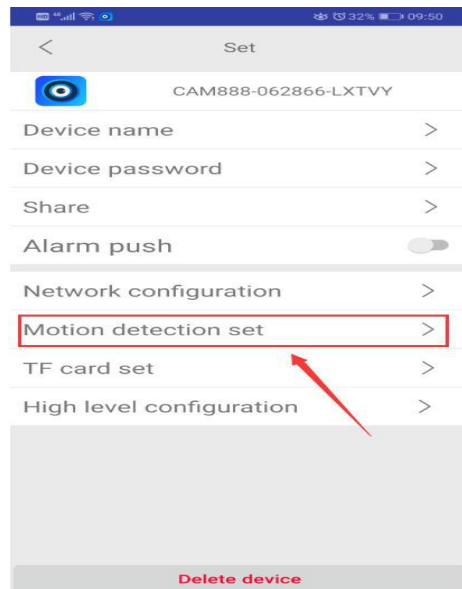
When the "online" state of the camera, click  go in the settings page, then go in "TF card set" (please insert TF card first), select the recording mode according to your needs, and then click  or "confirm" in the upper right corner. As shown below:




VI. Motion detection alarm setting

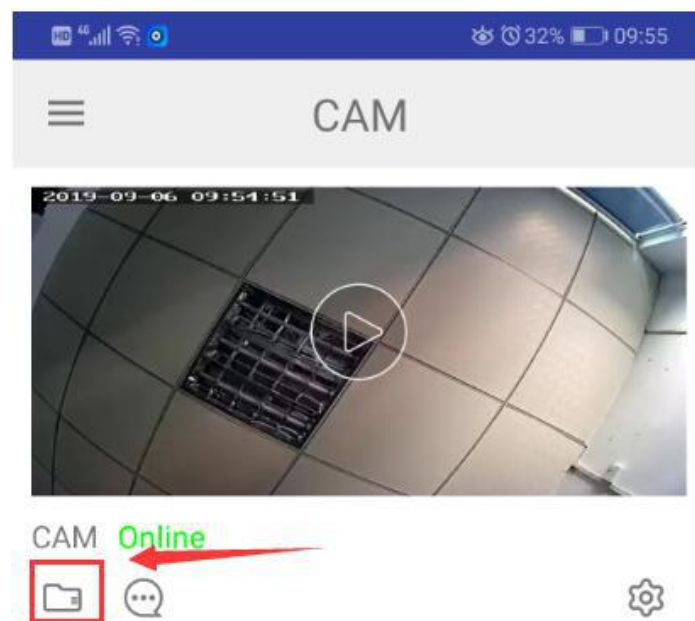
When the "online" state of the camera, click  go in the settings page, Please choose whether you need "alarm push", Then go in "Motion Detection Set" and click "Motion Detection". You can turn on motion detection (with high, med, low and min 4th gears) and "Close" motion detection. After turning on motion detection, You can choose

whether to open "Picture FTP upload after alarm" and "Video FTP upload after alarm", then click  or "confirm" in the upper right corner. As shown below:




VII. Look over/play back files on the memory card online

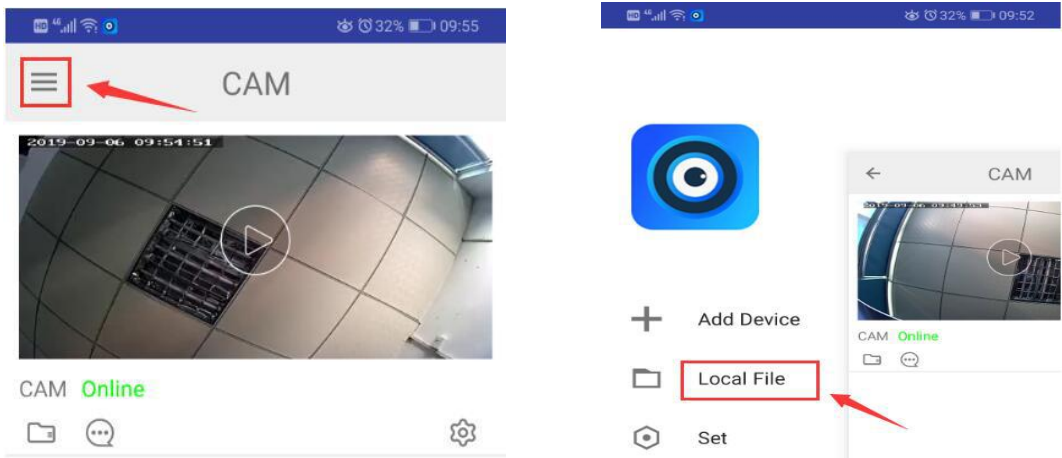
When the "online" state of the camera, Click  in the lower left corner of the camera to go in the file list, click on any single file, you can play or download to "local file".



VIII, Look over local files

Open the app, click on  in the upper left corner, then go in "Local Files" to

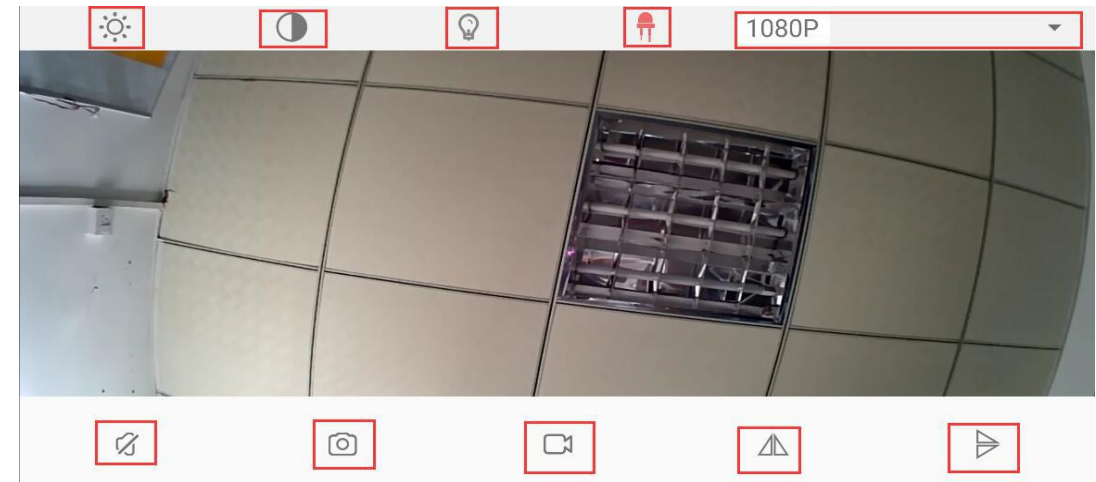
"view" the videos and photos stored in the app.If you have a new camera that needs to be added manually, you can go in "Add Device" to add it.










IX,Set your own password for your camera

For your privacy, the online camera will prompt you to change your password, please handle it according to your needs,The original password of the camera is 8888
If you forget the password you set, please reset the camera to restore it to the original password 8888.

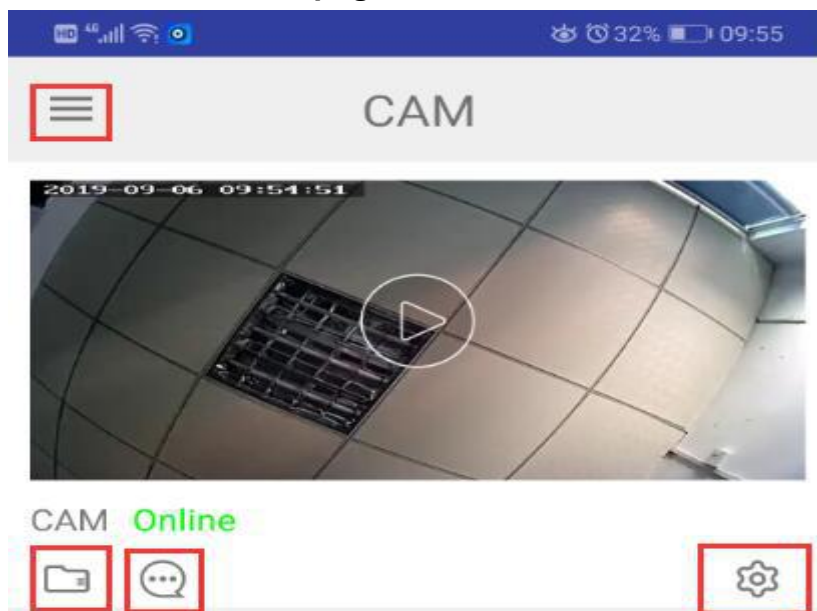
X,Icon function on the video page







 / 1080P	Listen to the camera's sound / real-time monitoring resolution
 , 	Take a snapshot/recorded video stored in the phone app "local file"
 , 	Horizontal/vertical flip image

	Adjust brightness/contrast
	Night vision switch / indicator switch

XI, Icon function on the main page



	View memory card files
	Motion detection report
	Add devices and view local files
	Go in settings

XII. Specification parameters

Image sensor	CMOS
Resolution	1080P/720P/640P
Video format	MP4
Frame number	20-25fps
Minimal illumination	1LUX
Compression format	H.264
Power consumption	350MA/h
Working temperature	-10-60 degrees centigrade
Working humidity	15-85%RH
Type of memory card	Support 16G-128G Micro SD (TF card)

Operating voltage	DC-5V
Play software	VLCPlayer/SMPlayer
Mobile OS	Android/iOS

XIII: FAQ

1. Unsmooth remote monitoring: please select proper definition according to current network environment
2. SD card video is not smooth when watched remotely using the APP: As the mobile has a limited decoding capacity, you can adjust definition of the equipment recording as fit for own mobile.
3. Forget the password or show wrong password: Please reset the camera to restore the default password 8888.

Special tips:

1. If the network environment is changed, Please reset the camera first, then set the camera to connect to WiFi.
2. If the camera fails to read the memory card, please Format the memory card or replace the memory card.
3. Before shutting down the camera, please first stop recording lest the last length of video be lost or damaged due to not saving;
4. The camera will have some fever during work. Please make sure that the camera's heat vents work.

Note: The pictures in this manual are from Android mobile phones, and may be different from those displayed on your mobile phone. Please refer to the actual situation and strictly follow the steps in the manual.

This is a device installed in a fixed position. Please refer to the following figure for installation.



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.

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.

FCC RF exposure statement:

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

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