

# **Camhi Pro IOS Version**

Guide V2.0



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## **1. Software Overview**

Camhi Pro APP is a tool for managing network cameras, which can realize the functions of monitoring the images of network cameras on the LAN and the Internet on the mobile phone. The APP supports LAN search to add ID numbers and manually enter camera ID numbers, supports sound waves, AP configures WIFI, supports adding low-power devices and sharing devices, device add, delete, and edit functions, supports audio monitoring and intercom, supports snapping pictures to the mobile phone, support image quality level settings, support remote download video files and cloud storage and other functions.

## 2、Add camera

Install the APP, connect the mobile phone to the WIFI network, enter the APP and click the Add Device button to enter the Add Device interface. Choose different adding methods according to different types of cameras, because common IP cameras cover various adding methods. The following adding instructions are based on IP cameras.

17:16 7	::!! 🌣 👀	Add device
		New device
		Devices not connected to the network after first use or factory reset
Add device		
P camera	>	Device in use
Battery wireless camera	>	In-use device that has been connected to the LAN / Internet
Battery 4G camera	>	
Add a sharing device	>	
Cancel		
	_	

#### 2.1 IP Camera add

If the camera is the first time to use or recovered to factory settings, and not connected to the network, click the new device; for a camera that is connected to the network, click the device in

use. After clicking the "New Device" button, power on the device, wait about 30 seconds, confirm that the device is in working state, and click Next

#### 2.1.1 Connected to network cable

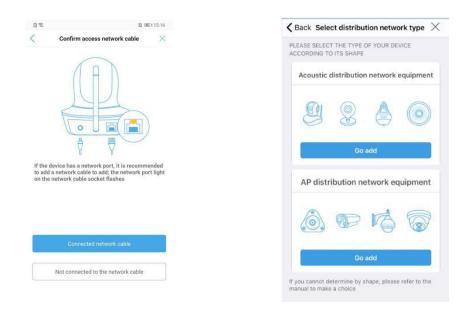
If the device is connected to a network cable, click the "connected to network cable" button, and the app will search the UID of the device in the current LAN automatically. Select the UID to be added and click the add button, the device will automatically search nearby WIFI signals to enter the wireless configuration interface. Then enter WIFI password, click "Configure wireless and add", after WIFI configuration is successful, jump to the device list interface; if you don't want to configure WIFI at present, click the "don't configure yet, add directly" button directly, add camera after confirmation.

#### 2.1.2 Not connected to network cable

If the device is not connected to a network cable, click the "Not Connected to Network Cable" button to enter the interface for selecting a network type

Sonic distribution network support equipment: Robot camera, card camera, light bulb camera, small flying saucer, etc.

AP distribution network support equipment: box camera, Pan Tilt camera, PTZ Dome Camera, flying saucer, etc.



[Sonic distribution network]

Power on the device, it will enter the waiting state for connection, and emit a "ding dong ding dong" sound intermittently, click Next, use the mobile phone to scan the QR code of the device UID number, if there is no QR code, click to skip, enter the password of the WIFI signal to be

configured, and click to start the sonic configuration, the system will configure WIFI automatically. After the WIFI configuration successfully, there will be a soundprompt.

R 14	SED 15:17	
Configuring wireless inform	×	Kenter Sound wave configuration
he configured wireless information		
name: Xiaomi_2A02	>	
vord: 123456789		
ote: some devices do not support 5G tempor	arily	
What are the requirements for wireless device	<u>157</u>	57 seconds
Start sound wave configuration		Sonic transmission
		hint:
		* Please adjust the volume of the phone to the
		maximum and try to be close to the camera * After the device successfully receives the si
		information pairing, it will issue a 'configuration success' prompt music
		elecces promponiane
		I heard that the device sent a configura
		success sound, search for the device

#### [AP distribution network]

In the status of not connected to the network cable, power on the device, click to go to the settings, the APP will jump to the WIFI setting interface of the mobile phone, find the WIFI signal in the IPCAM-XXXXX format, the default password is 01234567, click connection, the APP will pop up a prompt after successful connection, click this prompt to return to the APP device addition interface, click Add to enter the wireless configuration interface, enter the WIFI password of the router, and click "Configure wireless and add". After the WIFI configuration successfully, jump to the device list interface; if you do not want to configure WIFI at present, click the "don't configure, add directly" button directly, add the camera after confirmation.

		# <del>\$</del>	- 1990-		17:23		# ?
elect dist			×		<b>〈</b> Back	Wireless configuration	
phone yo	ease connec e's wireless r our device ho	etwork to otspot	D		CONFIGUR.	VICEUID: SSSS-000040 OOSE THE WIRELESS NETWORK ATION YOU USE FREQUENTLY TO N YOU TO USE THE DEVICE ON A D/	AKE
1. Ope	en Settings -> Se	lect WLAN			Wireless name:	MERCURY_2BA5	
11:01		al 7 (6)	KB		password	123456789	
	Settings	-	99				
	Virplane Mode	00					
	VLAN MERC	URY_50_20 >					
	Sellular						
	Personal Hotspot	on >			Conf	gure wireless and add devi	ce
<b>S</b> c	Carrier CP4	N-UNICOM >					
<b>N</b>	Actifications	1	C		No	t configured yet, add direct	ly
		RY_50_28A5					
		-					

### 2.1.3 Add a device in use

#### Scan QR code

Use the online QR code generation tool to generate the QR code of the UID, and then scan and add the QR code through the mobile APP.

#### **(**Search nearby devices **)**

- Click the Search nearby device button, search the IP camera in the wireless network where the phone is located, and select the corresponding UID
- > Enter the camera password (the default password of the camera is admin)
- Click the add button to complete adding a camera

Back	Device Information	X
FILL IN YOUR	R DEVICE INFORMATION	
UID:		
username:	admin	
oassword:	admin	

### 2.2 Battery wireless camera add and battery 4G camera add

The battery wireless camera and the battery 4G camera are low power consumption cameras. When use, please select the corresponding add operation according to the type of camera. For specific add methods, refer to the IP camera add method.

### 2.3 Add sharing device

Click Add Sharing Device, you can add the camera by scanning the QR code generated by the shared device directly.

# 3. Delete camera

On the device list interface, long press the camera to be deleted or click the setting button to enter the camera setting interface. Click the delete device button to delete the added camera.

Camera 🗧 🕂	< OFFICE ≪	
Connecting	Audio and video management	
	Video Setting	
	Audio Setting	
	SD card recording and capacity	Confirm deletion
In the second se	SD card plan recording         >	2005 million control
	SD Card Setting	Confirm delete device?
10114.01	System settings	Cancel Delete
• Online	O Time Setting	
A ST	O default setting	
1-31-0	Device Information	
	Delete device	

# 3, View camera screen

After adding the camera for a few seconds, wait for the camera to connect to the camera automatically, if prompt online means can view the camera video. Click the online camera to enter the camera live interface.

#### Camera status description:

**Connecting:** The camera is establishing a connection with the network camera at this time. Depending on the network, the connection time varies.

**Online:** This status indicates that the device is connected normally, click to watch the video; **Not connected:** This status indicates that the device is offline

Sleeping: This status indicate that the camera is in sleep state (low-power consumption cameras will have this status)

Offline: This state indicates that the camera is offline

**Password error:** This status indicates that the camera login password is wrong. Clicking on the camera in this status will pop up the Modify Password dialog box.

# 4. Live interface function description

### 5.1 Common camera interface

The normal camera monitoring interface is displayed in small screen mode by default, and the function selection button is located at the bottom of the screen. Calling up more function keys, you can slide to the left in the blank space. The key function description is shown in the figure below.

	monitor	<u></u>	intercom
	snapshot	R	local record
DID	Mirror / Flip	[0]	focus
$\odot$	Preset position	III	Volume adjustment
3	Image adjustment	*@:	Night vision mode
۲ <sub>.</sub>	Full screen	SD	Resolution switching
<	back	• • •	toolbar





Note: Some functions need the device support.

#### **PTZ function:**

For devices with PTZ function, use your finger to move the live video, the camera will rotate according to finger swipe direction and slide length.

#### Exit live interface:

On the small screen interface, hold down the blank space or click the back button to exit the live broadcast interface.

## 5.2 Panoramic camera interface

Depending on the model, the panorama camera will have a different live interface. Subject to the connected model. The key functions are shown in the figure below.

Top install	Installation mode	09988	View selection
*	monitor	<b>1</b>	intercom
Ø	snap shot		Local record
ତ	cruse	Ŷ	night vision mode
<	back	Р	full screen





$\bigcirc$	0	$\Theta$		$\square$
*	2			9
listen	voice	screenshot	record	cruise

#### Exit live interface:

Press the back key to exit the live interface

# 5, Camera parameters

When the camera is online, click the icon interface on the camera list interface or live interface to enter the camera parameter setting interface. Because different cameras has different functions, the specific functions are subject to the functions of the connected camera that displayed on the APP.

### 6.1 Basic settings

### 6.1.1 Wireless settings

Display the WIFI network connected to the current device

Click to get the wireless network around the device, the device will search the WIFI network of the current environment automatically, select and input password to configure the WIFI of the current device.

Kernel Back wireless setting	Kernel Back Change Password
Current Wi-Fi	Old Password current password of the device
MERCURY_2BA5 > WPA2_AES	New Password new password
Get the wireless network around the device	Confirm Password new password again
	Show password
	Apply
	C OPP'S

### 6.1.2 Change password

You can modify the access password of the camera. After ticking show password, the password will be visible.

### 6.2 Alarm settings

### 6.2.1 Alarm management and notification

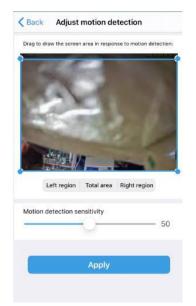
#### 【Alarm push】

Select On indicates that a push message will be sent to the phone when the alarm is triggered

#### [Device alarm]

Motion detection alarm

Select On indicates that the device enabled motion detection function. Click adjust the motion detection to draw the motion detection area and adjust the motion detection sensitivity (This function only apply to some models)



#### Sound alarm

Select On indicates that the device has a microphone function. When the surrounding sound is greater than the intensity of the device check sound, an alarm is triggered. Click adjust the sound alarm can adjust the sound alarm sensitivity.

Audible a	larm sensitivity	
		50
otherwise t	the alarm cannot be triggered	

#### Human shape alarm (some devices supported)

Select On indicates that the camera will turn on the human shape recognition function and turn on frame the human shape. When there is a humanoid object on the camera screen, a framed object will appear. When the alarm trigger selects separate alarm, it means that both motion detection and human shape recognition triggered separately can causes camera alarm. Selecting linkage trigger means that the camera will alarm when the two triggered at the same time.

humanoid alarm Smart Humanoid Recognitior		17:35 < Back advanced setti	ut 🗢 🛤 ings
		Planned alarm time period 4	Quick editing
frame human form		Sunday	<ul> <li>All Day</li> <li>18:00 23:59</li> </ul>
		0000 000 12:00	18:00 .23:54
W NEW		Monday	<ul> <li>All Day</li> </ul>
Alarm Trigger	2	00:00 06:00 12:00	18:00 23:59
		Tuesday	All Day
et the device to trigger an a	larm for a specified	00:00 06:00 12:00	18:00 23:59
ime period Select an alarm plan:		Wednesday	All Day
		00:00 06:00 12:00	18:00 23:59
-		Thursday	All Day
Easy setup 🗸	advanced settings	00:00 06:00 12:00	18:00 23:59
The device can trigger	Manually customize	Friday	All Day
an alarm at any time.	the device alarm time period	00:00 06:00 12:00	18:00 23:59

#### Alarm time setting

Can set alarm all day or select specific alarm time period

#### 【Alarm linkage】

Alarm snapshot to SD Card

Select On to save the alarm snapshot pictures to SD card

#### Alarm recording to SD card

Select On to save the alarm recording file to the SD card

When the alarm is triggered, the device emits a siren

Select On to indicate that the camera will occur alarm sound when alarming. Siren type, duration optional

#### ➢ Email alarm linkage

Select On indicates that the device will send captured pictures to the mailbox when the alarm is

triggered, click Configure Email to set the email information.

Sender mailbox take QQ mailbox as an example:

Smtp server: smtp.qq.com Port: 465 Secure connection: SSL User name: QQ number of the sender mailbox Password: Authorization code of QQ sender mailbox Recipient's address: the mailbox to receive the alarm pictures Sending address: sender's email address, here take QQ mailbox as an example, you need to fill in the QQ email address (the same as the user name) Subject and content can be filled in casually

After filling in, click the Apply button, then click the Test button to



Back	Configure Email	
SMTP Server	smtp.qq.com	
Server Port	465	
Encrypt Type		SSL >
Authentication		
User Name	1470935908qq.com	
Password		
Send To	1470935908@qq.com	
Sender	1470935908@qq.com	
Subject	ipcamtest	
Message		Test

check if you can send the alarm email

FTP Alarm Linkage
 Alarm recording saved to FTP
 Select On to save the alarm recording file to FTP
 Alarm snapshot saved to FTP
 Select On to save the alarm snapshot picture to FTP
 Click Configure FTP to set FTP information
 Server address: fill in the set FTP address
 Port: Enter the port of FTP
 Username and password: Fill in the username and password set in FTP
 After filling in, click the Apply button, and then click the Test button to check if you can send the alarm picture to FTP.

Picture snapshot number setting
 Can set the number of alarm snapshot pictures, 1-3 are optional
 This function is applicable to some models

This function is applicable to some models

### 6.3 Video/Audio management

### 6.3.1 Video settings

#### ➢ Bit rate

Can self-define the bit rate of the first code stream and the second code stream of the device

#### ➢ Frame rate

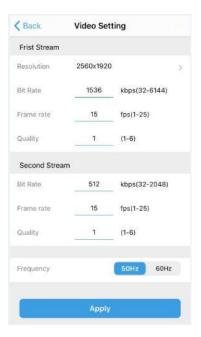
Can self-define the frame rate of the first code stream and second code stream of the device

#### Code level

1-6 can be set, the smaller the value, the better the image level, and the larger the code stream

Video system50Hz and 60Hz optional

K Back	Configuring FTP	
Server Addr.	192.168.1.2	
Server Port	21	
User Name	ftptest	
Password		
Passive Mode		0
Path	<i>4</i>	
	Test FTP Settings	
[	Apply	



### 6.3.2 Audio settings

Input volume
Adjust input volume of the device
Output volume
Adjust output volume of the device
Output Volume
Output Volume
95

< Back

**Audio Setting** 

### 6.4 SD card recording and capacity

### 6.4.1 SD card plan record

Whether to enable recordingSelect On, the device will save the recording to the SD card

Recording file time
 Can adjust the length of each video file manually

Recording time period[Simple setting]

Select the simple setting, the default recording period is all day from Monday to Sunday

[Advanced setting]

Select advanced setting, you can customize the time period of each recording manually.

Enter the advanced settings interface, click the quick edit button, select the time period to be recorded, you can self-define the recording time period, after editing, click the finish button to save the settings.

Ena	ble Record	C
Pla	inned video stream	
1	Frist Stream	Second Stream
Re	cording Length	600 second
-	cording Length	600 second
Dui		
Dui	ation must between 15 to 90	
Dui	ation must between 15 to 90	0
Dui	ation must between 15 to 90 CORDING TIME PERIOD Easy setup	o onday to Sunday

Back	adva	nced settin	ngs	
Scheduled	recording	time period↓	Quic	k editing
Sunday				icorded hout the day
00:00	06:00	12:00	18:00	23:59
Monday				ecorded hout the day
00:00	05:00	12:00	18:00	23-59
Tuesday	,			corded hout the day
00:00	06:00	12:00	18:00	23:59
Wednes	day			corded hout the day
00:00	06:00	12:00	18:00	23:59
Thursda	y			scorded hout the day
00:00	05:00	12:00	18:00	23:59
Friday				ecorded

### 6.4.2 SD card setting

Can view the total and free space of the SD card of the device; can format the SD card

Back	SD Card Setting	
Total Size		OMB
Free size		OMB
	Format SD Card	
Format co	pormat SD Card	SDCard

## 6.5 System settings

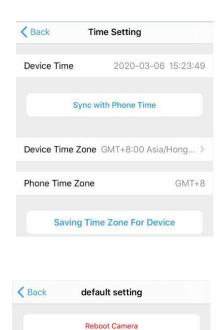
#### 6.5.1 Device time setting

- Sync device time to phone time
- Can set the device time zone. After the time zone is set successfully, the device will restart automatically.

### 6.5.2 Initial setting

Restart the device
 The camera will restart after clicking

Restore factory settings
 The camera will reset after clicking



Reset Camera

K Back Devi	ce Information
Device ID	IPCAN
Type of device	C6F0SoZ3N0P9L2
Network	LAN
Current Users	
IP Address	192.168.1.19
Subnet Mask	255.255.255.
Gateway	192.168.1
DNS	192.168.1.
Soft Version	V19.1.27.16.3-20191216

#### **6.5.3 Device information**

Can obtain camera device information: including device name, device type, network type, number of user connections, software version, IP address, subnet mask, gateway, DNS, etc.

Check for updates:

After clicking, the camera will check the firmware version automatically. If there is a new version, it will prompt to update, click to upgrade online.

(This function is only applicable to some models)

### 6.6 Battery camera settings

The battery camera setting interface is roughly the same as the common camera setting interface. Here are the differences.

## 6.6.1 Low power consumption setting and record

#### Power working mode

Low power consumption and continuous working optional

➢ Bit rate setting

Can set SD card recording stream

> Whether to enable recording

After switching to the continuous working mode, can set to open or close the recording

Power n	node	
Low pov	ver consumption	Kept working
Video st	tream	
	Frist Stream	Second Stream
SD CARD	PLAN RECORDING	
Enable I	Record	

### 6.6.2 Alarm management and notification

➢ Alarm push

After Alarm push ON, the phone can receive alarm notifications

PIR alarm

Alarm can be detected after PIR alarm ON, PIR sensitivity can be set

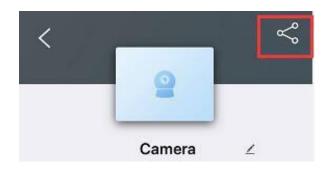
Alarm linkage

Can set alarm to save video to SD card or FTP, 10 seconds and 30 seconds can be set

17:53			:::! 🗢 🎫
Cack Alarm mar	nagement	and no	tification
A	larm push		
APP receives alarm pus turned on and an alarm			sevice is
Receive alarm push			0
Equi	pment ala	irm	
PIR alarm The device detects an a object moves.	alarm when a	an	0
PIR alarm sensitivity	C	ow Med	li High
Actic	on with Al	arm	
Turn on the device alarr the device can perform			riggerød,
Alarm recording to S	D card		
Alarm recording dura	ation	10s	30s
FTP alarm linkage			

### 6.7 Sharing device

Click the share button in the upper right corner of the camera settings interface, can share the QR code generated by the current camera information to other users.



# **6** Videos/pictures search and view

### 7.1 Local video playback and download

Find the camera you want to view on the camera list interface, click the icon , select the video page, and the video files will be displayed. You can sort the video files according to the size

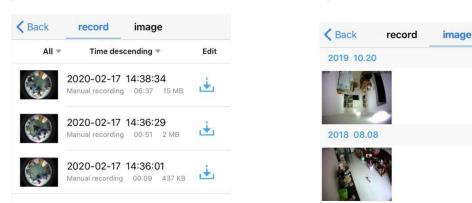
and duration of the video files. Click the button to save the video file to the mobile phone album. Click the edit button to delete the selected video file.

### 7.2 View local snapshots

pictures, and click the button

Click the picture page in the local file interface, the local snapped pictures will be displayed, the pictures are sorted according to the snapshot time, click the preview small image to view the

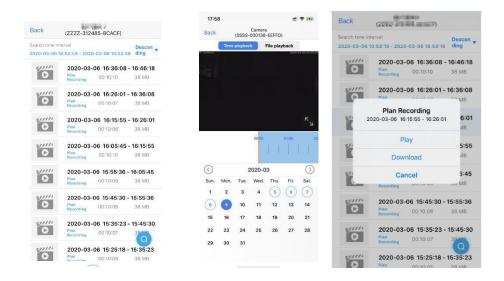
to delete or save the pictures to the album.



### 7.3 Remote video playback and download

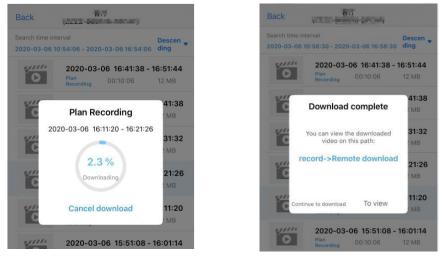
#### 7.3.1 Remote video playback

Click the camera list interface button to enter the remote recording list interface, the APP will search the latest 6 hours of recording files by default. You can self-define the sequence according to the recording time. Click the recording file and then click Play to playback the recording file in the SD card of the device; click time playback to playback the video file through the timeline.



### 7.3.2 Remote video download

Click the video file on the video list interface, and then click Download, the video file will be downloaded automatically. The downloaded video file will be saved in the local video interface. After the video download is complete, you can click Continue to download, continue to download other video files, or click to view, it will jump to the local recording interface automatically.



### 7.3.3 Remote video search

Click the button in the video list interface, search options will appear, you can select the search range of the video according to your needs.

search time range optional

Search time int 2020-03-06 1	lerval 11:01:00 - 2020-03-06 17:01:00	Descen ,
0	2020-03-06 16:41:38 - 1 Plan Recording 00:10:06	16:51:44 12 MB
0	2020-03-06 16:31:32 - Plan Recording 00:10:06	16:41:38 12 MB
0	2020-03-06 16:21:26 -	16:31:32
	Within an hour	
	Within half day	
	Within a day	
	Within a week	
	Custom	
	Cancel	

# 7、 Other functions

## 8.1 Camera list display mode

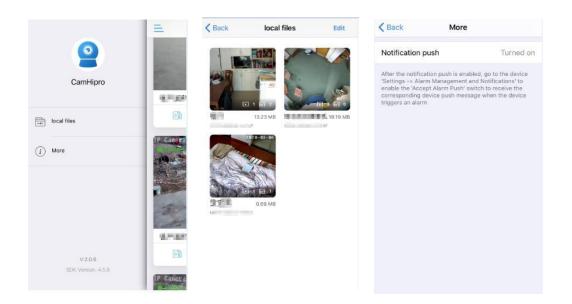
Click the camera list interface icon , you can choose to view the camera list in large or small image mode.





### 8.2 Sidebar settings

Click the camera list interface button , or slide right on the camera list interface to enter the APP sidebar, the APP name is displayed on the sidebar and the APP version is displayed below.



#### ➢ Local files

Click the local file to enter the local file interface, this interface displays all the local videos and pictures saved by added camera on this phone. Click the file to playback the video file or view the local picture; click the edit button to delete the file.

#### ➢ More

Click More button to check whether the APP has obtained the notification permission of the mobile phone. If it displays Not enabled, the APP cannot send the alarm push message. Clicking Not enabled will jump to the setting interface to enable the notification permission.