ctronics 680C Security Cameras User Manual

Contents

680C USER MANUAL

SCSMS-20221111

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1. General Introduction

The Ctronics CTIPC series security cameras consists of various indoor and outdoor cameras with different shapes and functions. Users can monitor multiple security cameras on the same device. Ctronics CTIPC series security cameras support Android and iOS smartphones as well as tablets, Windows PC and Mac.

2. Setting up the security camera

The security camera starts operating immediately after the power is switched on. It can be used as a stand-alone video recorder. We recommend you connect the security camera to your mobile device or PC; in that case, you can access the security camera more easily.
There are 3 ways to add and manage the camera: using the mobile APP, PC software or the PC browser.

3. Use mobile APP to set up camera

Search "ctronics" in the App Store or Google Play, or scan the QR code to download and install it on your phone.

Android   iOS

3.1 Method 1: Configure network via hotspot

Wireless wiring connection video: Please scan the QR code below with your mobile phone, or access it through the link below:

https://youtu.be/lS7ZrgOTlRo

Step 1: Preparation

Connect the camera to the power supply and place the camera near the mobile device and router.

Step 2: Connecting the camera to the mobile device

1. Go to the WLAN settings of the mobile device and find the network called "IPCAM-XXXXXX" (the camera's network) in the WiFi list.
2. Enter the password "01234567" to connect. Your mobile device will be connected to the camera's network.

Step 3: Connecting the camera to the Wi-Fi network

1. Open the mobile application "Ctronics" on your mobile device. You can add a UID by "Scan QR code" or "Search camera from LAN". The camera will be displayed as "online". (Image 1)
2. Click the Settings icon on the interface (Image 2) to enter the camera settings menu; go to Wi-Fi settings, click Wi-Fi management and select your Wi-Fi network from the list; enter the Wi-Fi password and save the settings. The camera is now connected to your Wi-Fi network.

(***Note:** The family WiFi password cannot exceed 31 characters. Also, avoid using special characters such as "? !"&,.". It is recommended that you, use a combination of numbers and letters.)
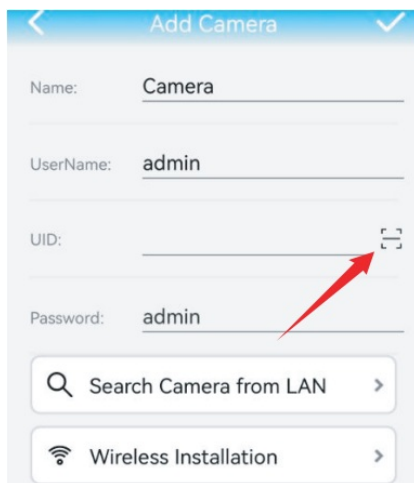
Image 1   Image 2

3.2 Introduction to the mobile app

Using the Ctronics app, you can connect multiple Ctronics CTIPC series cameras to the same mobile device. The interface has 4 bottom menus: Camera, Photo, Recording, About,Contact us.

3.3 Camera

The main screen allows you to add cameras, delete cameras, view cameras and access camera settings (Image 3).
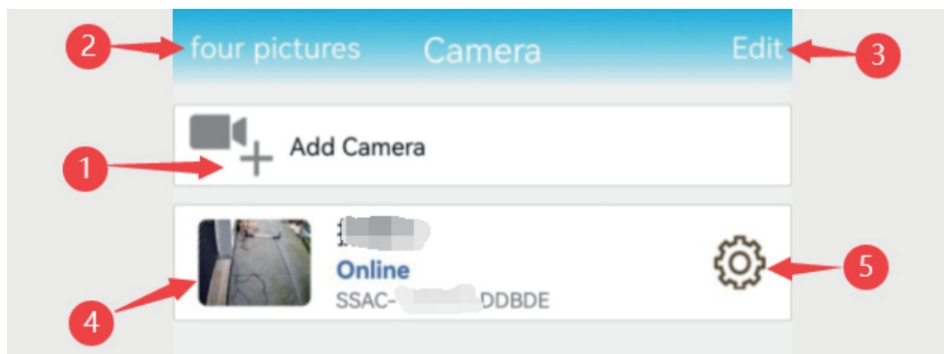

Image 3

1. Add a camera: Click on Add Camera and then enter the UID, User Name and Password for the camera you want to to add to the application (Image 4).
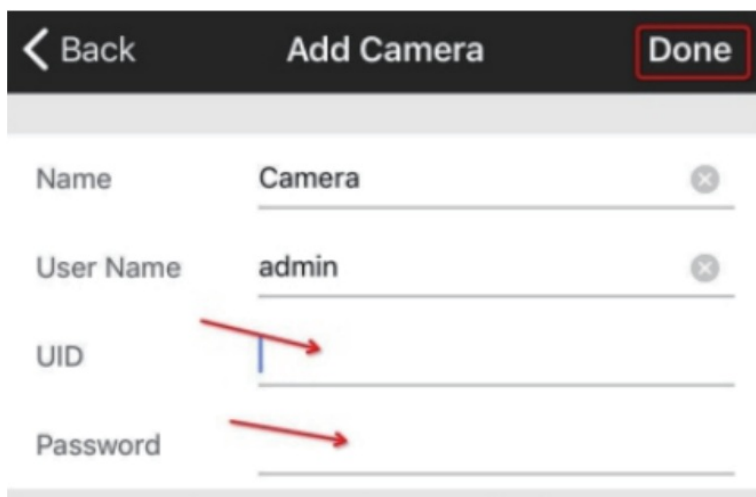

Image 4

2. Four pictures: In the Quad screen, click on "add four screen grouping". Enter the name of the group and select the camera to be added; click on confirm to view the live feed of all four cameras at the same time.

3. Edit camera: Click the edit icon at the top of the interface to delete the camera, or slide the camera bar to the left to show the deletion option. You can also click the camera to change the camera name and re-enter the password if the camera's password is wrong.

4. View camera: Click on the camera image to enter the live monitoring interface(Image 5).

Image 5

①. Flip the mirror
Adjust the upside down and left-right mirroring of the camera image.
②. Adjust the image focus
If it is an optical zoom lens, you can click this button to zoom in or out of the image. You can also adjust the focal length of the lens image (fixed focus cameras do not support this function).
③. Set the preset position
Move the camera to a position, enter 1, and click "Set". This position will be recorded as position 1.
Move the camera to the second position, enter 2, and click "Set". This second position will be remembered as position 2.
Repeat the above steps to set all the required positions. When you need to move the camera to the preset position, just enter the number and click "Call".
The camera will automatically move to the corresponding position.
④. Night vision mode
Mode selection
Normal: turn on the infrared light for a black and white picture.
Color: turn on the white light and the screen is colored.
Auto: infrared black-and-white screen when no human figure is detected; after a human figure is detected, the white light is turned on to make a color picture. If no human figure continues to trigger the camera, it will automatically return to the black-and-white picture after 30 seconds.
⑤. Smart tracking
The detected movement or humanoid object is tracked and the lens is rotated until the target disappears and the camera returns to the initial position.
⑥. Close the preview
Click to close the preview image.
⑦. Sound monitoring
Turn on sound monitoring to listen to the sound around the camera on the mobile phone.

⑧. **Voice intercom**

Press and hold the icon to use the intercom to talk.

⑨. **Save screen image**

Press the icon to capture the current picture and save it in the APP local picture.

⑩. **Manual recording**

Press the icon to record the current video and save it to the APP local recording.

. **Picture quality mode**

Switch the definition of the preview screen between HD and SD, according to your needs.

. **PTZ operation button**

Press the corresponding up and down and left and right buttons to operate the device PTZ to rotate vertically and horizontally.

(***Note:** Not all cameras have the functions listed on this interface. For available functions, please refer to the product description or contact our customer service.)

5. Camera Settings

Click on the settings icon to enter the camera settings screen.

①. **Change Password**

The default password is "admin"; we recommend that you change it to protect your camera.

②. **Alarm Setting**

Enable/disable camera motion detection; set the detection area and sensitivity.

③. **Humanoid alarm**

Enable/disable camera humanoid detection; enable/disable framed humanoid.

Alarm triggering modes:

* Linkage trigger: The alarm is triggered when the object is moving AND the object is judged to be human.

* Separate trigger: When an object is detected to be moving OR a humanoid is detected, an alarm will be triggered.

(***Note:** To reduce false alarms, it is recommended that you select a linkage trigger.)

④. **Action with Alarm**

Enable/disable alarm pushing: pushing alarm messages to mobile phones when a moving object is detected

Enable/disable alarm TF card recording: save alarm recording to TF card

Enable/disable E-mail alarm and send pictures

Enable/disable saving pictures to FTP server

Enable/disable saving video to FTP server

Select the number of pictures to be captured 1-3 pcs

Set alarm linkage: Alarm sound is made when a moving object horn is detected; you can choose the sound type and alarm duration.

⑤. **Alarm time period setting**

There are simple settings and advanced settings:

Simple setting: default all-day alarm detection from Monday to Sunday

Advanced settings: custom set time periods for alarm detection

⑥. **Recording Schedule**

Set video file length: 15 to 900 seconds

Enable/disable recording, select stream settings

⑦. **Audio Setting**

Audio output type: linear input, microphone input

Input and output volume: 1-100

⑧. **Video Setting**

Set video parameters and select frequency.

(***Note:** The video parameters are automatically adjusted by the camera.

There is no need to modify these values.)

⑨. **Wi-Fi Setting**

You can click "Manage WiFi Network" to search for WiFi at home and enter the password to connect to the network.

⑩. **SD Card Setting**

Check the available storage space of TF card and format the TF card.

(***Note:** 1080P device can support up to 64G TF card; 5MP can support up to 128G.)

. **Time Setting**

Set the time and time zone of the camera
(***Note:** The default time zone of the camera is GMT+8. Please change the time zone after connecting to the camera.)

. Email Setting

After enabling the email alarm, you need to enter the email message. You can find our documentation on email settings on our website at Support-Download.

. FTP Setting

After enabling FTP transfer, enter the FTP server information. Please check your FTP server provider for server information.

. System Setting

Used to restart and reset the camera

. Device Information

Information about the camera, including software version, IP address, network type, etc.

3.4 Picture

Click the picture option, select a camera on the local interface, and look at pictures that have been taken manually. These photos are saved in the memory of your mobile device (Image 6).

3.5 Video

Click the video option and select a camera under local or remote recording to watch the recorded video (Image 7).
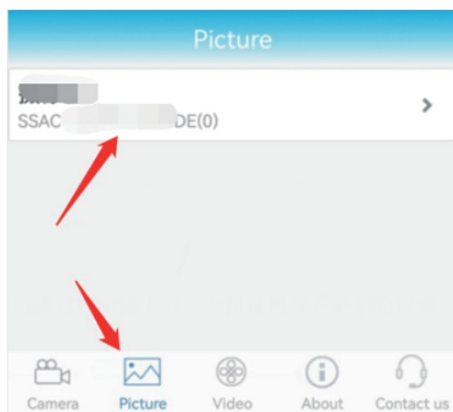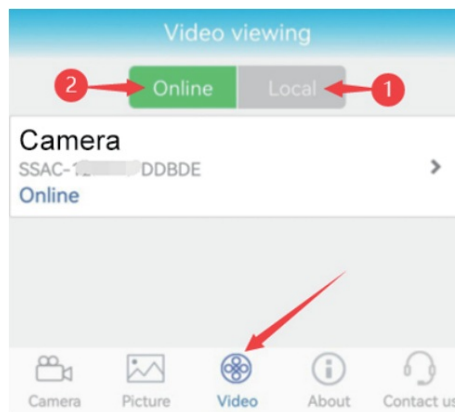

Image 6   Image 7

1. Local

Click the recording icon in the real-time interface to perform manual recording. After the recording is completed, the video will automatically be saved to the local recording interface. Click the download icon to download and save it to your phone album.

2. Online

The video for automatic recording is saved in the remote recording interface. There are two types of automatic recordings: alarm recording and scheduled recording. These videos are automatically saved to the camera's SD card.

The video list interface defaults to display all the videos recorded in the past 6 hours. The user can click the "Search" button on the upper right side of the interface to find the recordings from a specified time period for viewing.

Clicking on the video file will show two options: "Play" and "Download". Once the video is recorded, it will automatically be saved to the download interface in the local video. You can then click the download icon to proceed with the download and save the recording to your mobile phone photo album, or click play and view the video.

3.6 About

Version information of Ctronics APP (Image 8).

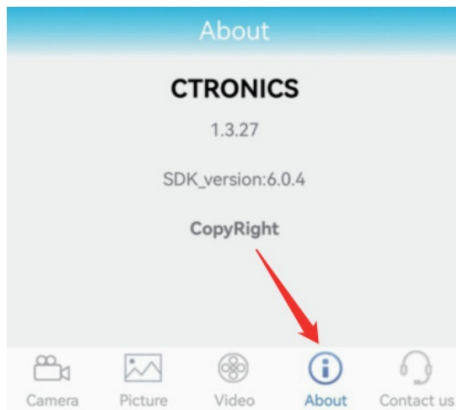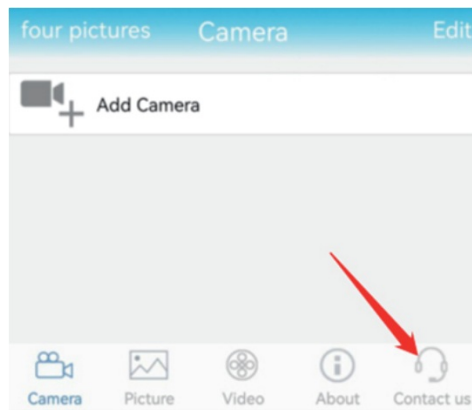Image 8   Image 9

4. Use HIP2P client software to set up the camera

4.1 Use the HiP2P software to connect to the camera

Step 1: Preparation

1. Download and install the PC/MAC software "HiP2P" from the Ctronics website **www.ctronics.com**.
2. Connect the camera to the power supply.
3. Connect the camera to the mobile phone through network configuration.

Step 2: Connect the camera in HiP2P software

1. Run the "HiP2P" software on the computer. There is no password by default, and the password is blank.
2. Click the setting icon on the menu bar and select the input device UID button (Image 10-1).
3. Enter the UID and name of the camera. The default password is admin.
   (The UID is on the label of the camera.)(Image 10-2)
4. Click the preview interface, select the device, click the right mouse button, and drag the camera into the screen window.
5. After a few seconds, the camera will display the status "Online" on the interface (Image 11).
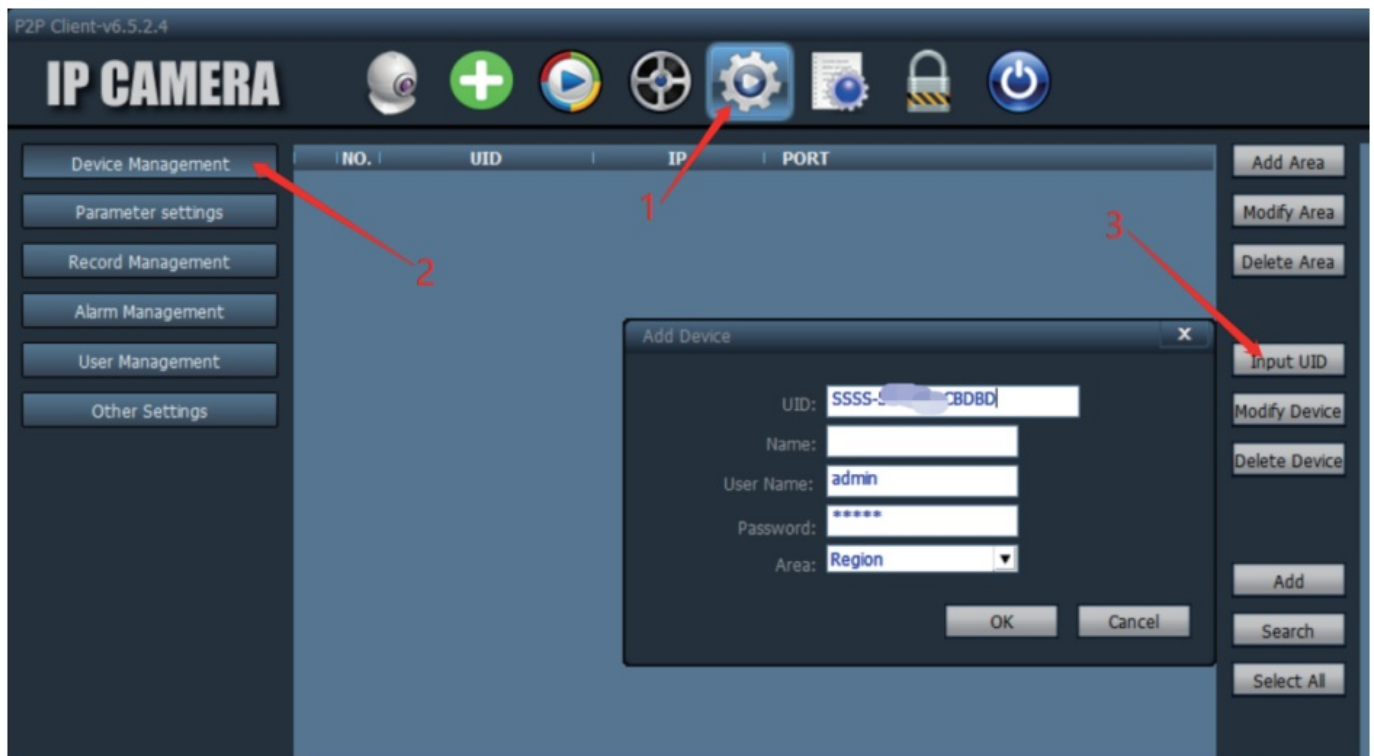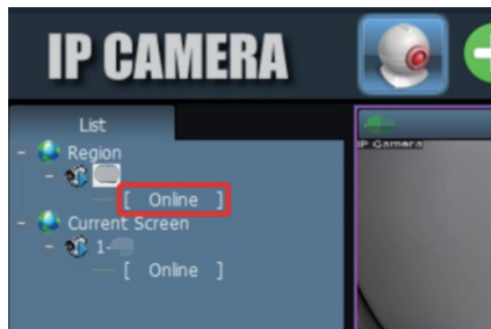
Image 10-1

Image 10-2   Image 11

4.2 PC/Mac client software introduction

You can connect multiple Ctronics security cameras on the same PC though PC/Mac software "HiP2P", which can be downloaded from Support-Download on the Ctronics website.
*Note:

1. Compared with the Windows software, the interface of the Mac software is more simplified. Many functions

    may only exist in the Windows software.

2. The password of the default login account "admin" is blank. You can leave the password blank and confirm that

    you can access the functions on the interface.

There are 8 function icons in the menu bar: Preview, Auto add, Local playback, Remote playback, Settings, System log, Switch user, and Exit (from left to right).

4.3 Preview interface

This is used to view the real-time picture of the camera, operate the camera PTZ and image picture, set the preset position, use the voice intercom, take pictures and video, and perform split-screen viewing (Image 12).

(***Note:** All functions may not be applicable to your camera. Please refer to the product description or contact us to get the available functions for your camera.)
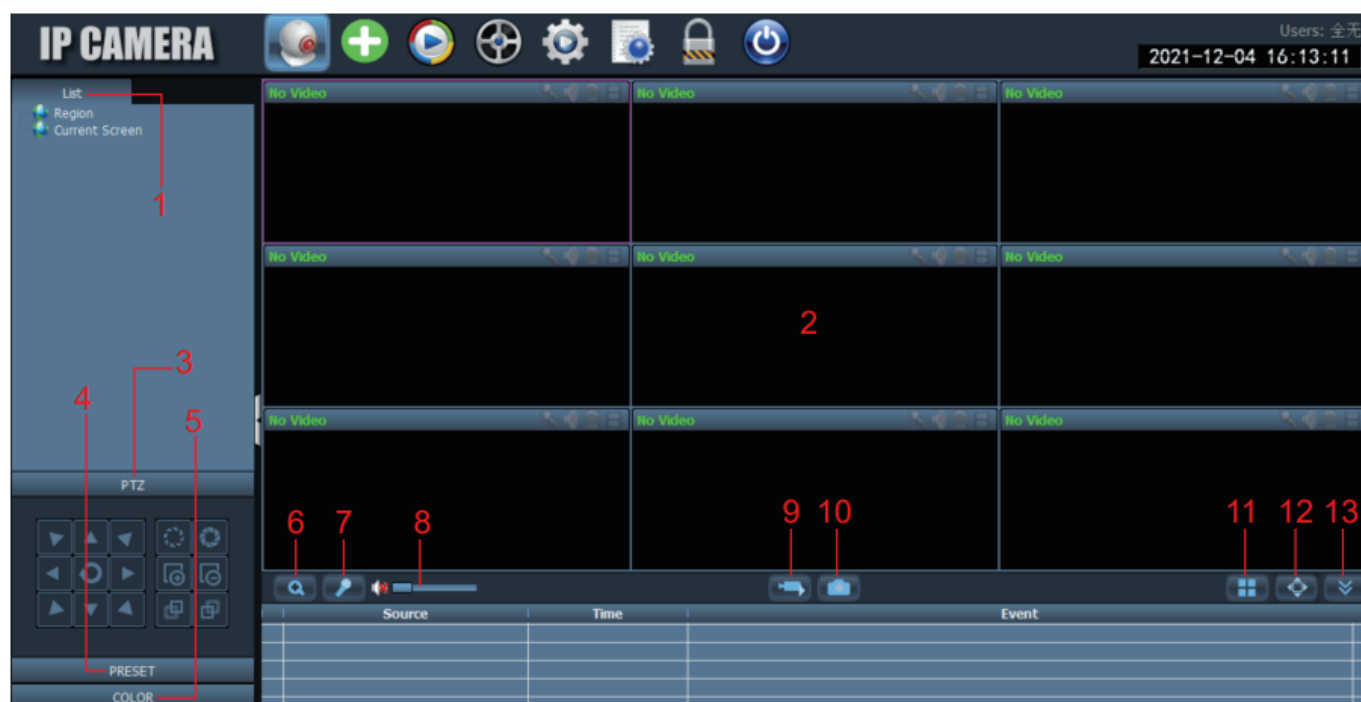

Image 12

1. Camera list: Display the name information of the camera.
2. Camera real-time image: View the real-time image of the camera.
3. PTZ control: Operate the camera to rotate up and down, as well as use the camera lens optical zoom (Fixed focus cameras do not support the zoom function).
4. Preset position setting: Move the camera to a position, enter 1, and click "Set". This position will be recorded as position 1. Move the camera to the second position, enter 2, and click "Set". The second position will be recorded as position 2. When you need to move the camera to the preset position, just enter the number and click "call". The camera will automatically move to the corresponding position (only applicable to PTZ cameras).
5. Image settings: Adjust the color balance, brightness, etc. of the image.
6. Electronic zoom: Zoom in on part of the image.
7. Intercom function: Click the button to speak to the person who is on the other side of the camera.
8. Volume adjustment: Adjust the volume.
9. Manual recording: Click to record the real-time picture and save it to the computer disk.
10. Save the picture: Click to take a screenshot of the real-time picture and save it to the computer disk.
11. Number of split screens: Choose single screen or multiple screens to view the camera screen.
12. Full screen mode: Display full screen picture.
13. Hide event: Click to hide the event box below.

4.4 One-click add interface

Click it to automatically add cameras in the same LAN.

4.5 Remote playback

Remote playback means that after the customer inserts the TF card, the camera will automatically save the video to the TF card. When you want to play the recorded video on the TF card, please select the camera, recording type, date and time to find the recorded video for viewing (Image 13).

Image 13

1. Video file list: Displays the name and time information of the video files in the SD card.
2. Video type: Choose different video types to filter the video.
3. Select channel: Select different cameras to view the video.
4. Recording time: Play the recordings of different time periods according to the year, month, day, and time.
5. Camera video image: View the video image of the camera.
6. Play button: Click to start playing the video.
7. Pause playback: Click to pause video playback.
8. Save the picture: Click to take a screenshot of the playback screen and save it to the computer disk.
9. Electronic zoom: Zoom in on part of the image.
10. Full screen mode: Display full screen picture.
11. Volume adjustment: Adjust the volume.
12. Video progress bar: Move the progress of the video for repeated viewing.

4.6 Settings

Device management to manage the camera in the software (Image 14).

Image 14

1. Area management: You can add area, modify area, or delete area.
2. Add camera: Input the camera's UID, name, and password to add (the default password is "admin", or if the password is modified, you need to enter the modified password).
3. Camera management: Modify or delete the added camera.
4. Search and add the local camera.

Parameter setting: Set camera parameters (Image 15)

Image 15

1. Video: View the video parameters, set OSD and video frequency.
(***Note:** Video parameters do not support manual modification; they are adaptive by the system)
2. Image settings: View image parameters and turn on or off the smart tracking.
3. Audio: Set the input and output volume to control the volume.
4. Alarm settings: Set motion detection and humanoid detection, mailbox alarm, and FTP alarm. When an object is detected, it will alarm and send pictures or videos to the mailbox and FTP server. You can also set the alarm time and customize the alarm time period.
5. Network settings: View some information such as IP address, HTTP port, HTSP port, and onvif protocol.
6. TF card: Set the type of video stream to be recorded and the duration of the video file. Check the remaining space of the TF card and format the TF card. You can also set the time of the recording to customize the recording.
7. Timed capture: Set the image to be saved to the TF card and FTP server.
8. PTZ: Set the camera PTZ parameters.
9. Login information: Modify the password of the camera.
10. System: Set the time zone of the device and view device information parameters.
11. Wifi settings: Set the WiFi network of the device and check whether the connected WiFi network is normal.
12. Motion detection: Set multiple detection areas and detection sensitivity.
Recording management: Set PC hard disk recording, enable/disable recording, set recording schedule, make custom settings for recording, and you can also select the computer disk to change the storage path, etc.
(***Note:** Please keep the software running on the PC to record video on the hard disk of the PC.)
Alarm management: Set the alarm function on the PC side, enable/disable the alarm on the PC side, set the alarm schedule, set the alarm to record on the PC hard disk, and set the sound alarm on the PC.
User Management: Set the user account and password of HIP2P on the PC.
Other settings: Set the saving path of the picture after taking a local photo, the number of split screens for the real-time interface, the default password after adding a camera, etc.

5. Use PC browser to set up the camera

Step 1: Preparation

1. Connect the camera to power supply.
2. Use the mobile APP to connect the camera to the your home router, and place the computer and the device in the same local area network.

Step 2: Connect the camera in the PC browser

1. In the mobile phone APP settings, find the camera information interface and check the IP address of the camera (Image 16).
2. Open the IE browser on the computer, enter the IP address of the camera in the browser and search.
3. Input the default user name "admin" and the default password "admin" to enter the camera welcome interface.
4. Select the language and click PC View to enter the camera (Image 17).

Image 16   Image 17

6. FAQ

1. How do i turn the camera on?

Once the camera is powered on, it will automatically turn on and self-check the gimbals. There is no power indicator on the camera. You can cover the light detector to simulate night mode and check whether the infrared LED is on. If it is, the camera is well powered.

2. What if the camera network "IPCAM-xxxxxx" cannot be found and the mobile device cannot be connected to the camera?

Please reset the camera to factory settings, then search the internet again on your mobile device.

3. How can I recover the password of the camera?

If you forget the password, you have to reset the camera to factory default settings and reset the camera.

4. How do I reset the camera to factory default settings?

If the camera is connected online, you can find the reset option in the phone application or PC software to reset the camera. If the camera is offline, you can press and hold the reset button on the camera connection line for 15-20 seconds to reset the camera.

5. How do I delete the videos on the TF card?

When the TF card is full, the camera will automatically clear the original records in the TF card. If you want to delete the video manually, you can enter Ctronics' APP TF card settings and format the TF card.

6. The time displayed on the recorded video is incorrect. What is the difference in the actual recorded time?

By default, the time zone of the camera is GMT+8. Please enter the camera's time setting and select the correct time zone for your camera. If you have summer time, please enable daylight saving time. After selecting the new time zone, remember to verify the changes. The camera will restart to get the correct time.

7. The alarm recording only lasts 15 seconds. How do I modify the length of the alarm video?

The length of the alarm video is fixed at 15 seconds and cannot be modified. At the end of 15 seconds, if the camera continues to detect motion, it will start a new recording. Finally, if the action lasts more than 15 seconds, there will be multiple recordings.

8. I don't know how to enter the mail information in the mail settings.

We have a document about email settings and various email providers. You can find it in Support-Download of our website **www.ctronics.com** for reference settings

9. The alarm notification is turned on, but when there is motion detection, my smartphone still cannot receive the notification.

This may happen on Android phones, because the Android system closes apps in the background to save battery life. When the application is closed, it will not be able to send notifications. You can modify battery management/ battery optimization in your Android phone settings to allow the application Ctronics to run in the background.

10. I have enabled the transmission of images and videos to the FTP server, but only images are received in my FTP server; but the alarm video is not saved on the server.

The camera's memory is insufficient to perform the task of transferring the video to the FTP server. Please install a TF card in the camera to complete the video transmission.

11. I access the TF card and get the recorded video, but I cannot play the recorded video on the computer.

The recorded video is in H264 format, which is our proprietary format. You can download the software "HiPlayer" from our website **www.ctronics.com** to play the video. You can also download the "FileConverter" software to convert the video from H264 to AVI, or directly use the HIP2P client to view the video.

Documents / Resources

	ctronics 680C Security Cameras [pdf] User Manual 680C Security Cameras, 680C, Security Cameras, Cameras