AC18Pro IP Camera Manual



[Part 1: Connect and manage cameras using mobile APP]

Please go google play or Apple store download mobile APP, the name is AC18Pro and install it into your mobile phone The first time you run the APP, you need to register an account. You can use your email or mobile phone number to register an account, and then use the registered account to log in to the APP.

[1], Add a camera by scanning a QR code

Please connect the ethernet cable to your switch/router and connect the power adapter. Select "Wired connection camera", as shown in Figure 1, enter the interface of scanning the QR code to add a camera, point the mobile phone at the QR code on the camera body to scan (as shown in Figure 2), after scanning is successful, please provide your Customize a name for the camera, and click "BIND IT" to complete the addition (as shown in Figure 4)

| | | 1 | | 🎫 🖁 🦏 🤲 🗶 🖗 💭 🔛 🖗 🔞 🖉 🕬 🕅 🖗 🕬 🍏 🕫 |
|---|----------------------------|--|----------------------------------|-----------------------------------|
| 4 | | ଷ୍ଟ କଥା ଏଲା ବୃହ କ କଥା ୪ ୦ ଅଟେ 10:29 | 888 배제 배제 중 🏵 🕹 🔛 🕸 10:36 | ∃ Monitoring + |
| | Adding smart Devices | < Scan QR code | ← Bind Device | ◎ 客厅 🕑 客厅 |
| | | | | Cloud Storage Alert More |
| | Wi-Fi Dual-frequency wi-fi | | Name: Living Room | 客厅 |
| | | | Garage (The Gate) (Storage Room) | |
| | 4G | F 7 | (Flower House) | Ciduo Storage Alert Hore |
| | 4G device Wired connection | | BIND IT | |
| | (IPC/NVR) | | | / |
| | | | | |
| | | | | |
| | / | Put QR code in follow box | | |
| | | No QR code? Click here to add a device! | | |
| | | Album Light | | |
| | | | | |
| | | | | |
| | | | | Message Video Monitorin Mail Mine |
| | 9 | 10 | 11 | 12 |

[2], Add cameras via LAN connection

If the QR code cannot be found on the camera, you can click "Click here to add a device" to add the camera through the LAN search (as shown in Figure 4), enter the search page, and the APP will automatically search for the camera, as shown in Figure 5 display, and then click the camera to complete the addition.

| | | | 00 t .al 0 ♣ ♥ ☐ | 〕;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; |
|---|--|--|--|--|
| ୍ମା "୷ାରିହିହିଡି ଦେଆାରି⊠େ≉10:29 | | 1036 | Monitoring | + |
| K Scan QK code | | ← Bind Device | 至方 | کے بین Storage Alert More |
| | the wird connection Wired connection | Name: Living Room (Kitchen) (Living Room) (Study) (Garage) (The Gate) (Storage Room) (Flower House) | 各行 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | Storage Alert More |
| | Cameo 2 Cameo 1 Control Cont | BIND IT | / | |
| Put QR code in follow box No QR code? Click here to add a device! | Sauch out is may and fuith of flag | | | |
| | . Радина камару и казаршина добазланиа | | Accage Video Monitorin | Mail Mine |
| 4 | 5 | 6 | 7 | |

Part 2: Add and manage cameras using PC software

[1],Install search tool on your PC

1,Install Search tool " AjDevTools.exe" and complete the installation

2, Run the software, as shown below

3

| ALL | NetCard All Ne | tCards | ~ | Start Se | arch Export to Ex | xcel 🔽 QR code 🗌 | JAudio 🔽 Full scree | n switching strea | Total:1 | Seleted:(|
|------------------------------|-----------------|---------------|------------------------|-----------------------------|---------------------|-----------------------------|-----------------------|-----------------------|---------------------------------------|-----------|
| P Address | HTTP | Model | Title Name | Firmware | Version | | Status | | All subn | SN. |
|] 192. 168. 1. | 59 80 | MC800S | Camera | MC800S_AB | ZV2_STARC-RTMP-H5 V | /3.0.6.4 build | 00:32:15 Alarm:video | Human shape detected. | close | EFOOOD |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Batch Rese | t Batch Re | eboot IP Bat | ch Setting Batch and a | h Set video audio encode | All subnet ONVIF | Batch Timing Maintenance | Video window | print label | | |
| Upgrade Firmware | E:\安佳\新界面─ | 台湾\MC500L-L8\ | firmware_MC500L8_V0 | _AF Browse | Batch Sync Time | Batch Set Password | Batch Set Language | Batch Set Platform |];;;;0 | Copy QR |
| Upgrade rmware by path | C:\Users\Public | \Documents | | Browse | 50HZ/60HZ | Batch Snap Picture | Control IO Output | Audio | | Code |
| Pass | | | | | | | | | ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | |

3, Here you can modify the IP address of the camera, upgrade the firmware and other parameter settings. Right-click on the IP address to open the camera with a browser, as shown in the figure below.

| | | | - | | | | | | | |
|-----------------------------|----------------|-----------|--------------------------|-----------------|----------------|-----------------------------|-----------------------|-----------------------|----------|-----------------|
| ui N | etCard All Ne | tCards | ~ L | Start Search | Export to Ex | ccel 💟 QR code 🗌 | Audio 🛃 Full scree | en switching stree | Total:1 | Selete |
| Address | HTTP | Model | Title Name | Firmware Versi | on | | Status | | All subn | SN. |
| 192.168.1.59 | 80 | MC800S | Goto Web | 100000 AR 1/0 0 | TARC-RTMP-H5 V | 3.0.6.4 build | 00:35:18 Alarm:video | Human shape detected | i. close | EFO |
| | | | 0010 1100 | | | | | | | |
| | | | Remote config | > | | | | | | |
| | | | Video window | > | | | | | | |
| | | | One-click play | | | | | | | |
| | | | Only Play Audio | | | | | | | |
| | | | Stop playing | | | | | | | |
| | | | Reboot IPC | | | | | | | |
| | | | Modify IP address | | | | | | | |
| | | | Alloc available IP addr | esses | | | | | | |
| | | | Factory setting | | | | | | | |
| | | | Snap picture | | | | | | | |
| | | | Open snap directory | | | | | | | |
| | | | P2P ID UPLOAD | > | | | | | | |
| | | | ISP BIN upload | > | | | | | | |
| | | | ONVIF | > | | | | | | |
| | | | HIK | > | | | | | | |
| | | | DH | > | | | | | | |
| | | | TST | > | | | | | | |
| Batch Reset | Batch Re | eboot | IMPORT XML EXPORT XML | | subnet ONVIF | Batch Timing Maintenance | Video window | print label | | |
| Upgrade irnware | ::\安佳\新界面- | 台湾 VMC500 | COPY XML BATCH ADD | | h Sync Time | Batch Set Password | Batch Set Language | Batch Set Flatform | | Copy C |
| /pgrade mware by path | :\Users\Public | Document: | Default User Setting | | OHZ/60HZ | Batch Snap Picture | Control IO Output | Audio | 2201 | Code |
| Upload | | | Copy SN CopyUUID | | th Download | Batch Set Title | Batch Motion | Factory Mode | 0.33A | Print C Code |

4,Enter the browser login interface, login user name: admin, password: 123456, as shown in the following figure (if the browser prompts you to download and install the plug-in, please download and install it):



5, Then click login



[2],Use PC software to search and add cameras

1, Install the LMS computer software.

[,] 36X 4K IPC



| 安装语言 | | × |
|------|------------|--------|
| | 请选择你要安装的语言 | |
| | English | ~ |
| | OK | Cancel |

The software supports English, Simplified Chinese and Traditional Chinese (if you want to support other languages, we can provide you with language packs, you can translate into the language you want, and then we can provide you with software customization)

- 2, Follow the prompts to complete the software installation
- 3, Run the LMS software:user:admin,password:123456



Click LOGIN to log in to the software



4. Search and add cameras.



Click "Devices>""Start Search">click"3">add >successfully added

Then click" go to Liveview,



Double click on the IP address and the video will automatically appear in the video box on the right.

[3], Preview and control cameras with AC18PRO PC software

1, Double-click the AC18PRO software in the directory, follow the prompts to complete the installation of the camera, and then run the camera.

| 늘 Manual |
|-------------------------------------|
| AC18Pro_install_V1.0.0_20220408.exe |
| 科 AjDevTools_V5.1.9_20201215.exe |
| 🛃 LMS_install_V5.0.5_20211123.exe |
| |

2, run and login AC18PRO,

The username and password here are the account you registered for the first time on your mobile phone.

Click login button go to AC18PRO

You will see all the cameras under your account, you can preview the

cameras and view the video playback in this way





Part 3:IP Camera interface definition diagram

Interface definition diagram



About RTSP:

The RTSP URL format for YUCHENG series cameras is as follows (assuming the Camera IP is 192.168.0.123): Main stream: rtsp://admin:123456@192.168.0.123/stream0

Substream: rtsp://admin:123456@192.168.0.123/stream1

For the RTSP URL above, if audio is enabled, the stream will contain both video and audio.

If you only need video or audio data, use the following URL:

Main stream pure video: rtsp://admin:123456@192.168.0.123/video1

Substream pure video: rtsp://admin:123456@192.168.0.123/video2

Audio only: rtsp://admin:123456@192.168.0.123/audio

About the protocol specification of the camera sent to the external MCU to control the lighting: Data is sent through CN2: TXD1 UART1 (Pleco-d, 9600)

| FF | 01 8 | 33 01 | IRCUT status | IRCUT model | IR LED PWM | white LEDPWM | CHECKSUM |
|----|------|-------|--------------|-------------|------------|--------------|----------|
|----|------|-------|--------------|-------------|------------|--------------|----------|

IRCUT status: 0: color, 1:B/W

IRCUT model: 0: Automatic control mode (day and night determined by SENSOR)

- 1: Day and night mode, control according to the time period
- 2: External control mode (this mode is the traditional camera control mode, the MCU sends the VISCA command
- to control the camera IRCUT mode, in this mode, the camera
- will not send the command to the MCU)
- 3: Manual control mode

Light control PWM:

IR LED PWM: Infrared LED power 0-100 decimal, 0: close infrared LED, 100 maximum infrared LED brightness White LED PWM: White LED power 0-100, decimal, 0 closes white LED, 100 maximum white LED brightness For example:

IRCUT Auto Mode (Daytime):FF 01 83 01 00 00 11 00 96

IRCUT Auto Mode (Night - Pure Infrared) :FF 01 83 01 01 00 C6 00 4C

IRCUT automatic mode (pure white light at night):FF 01 83 01 00 00 E5 00 6A

IRCUT Auto Mode (Dual Light Night Infrared) :FF 01 83 01 01 00 ED 00 73

IRCUT automatic mode (dual light night white light) :FF 01 83 01 00 00 19 00 9E

Manual mode (daytime) :FF 01 83 01 00 03 07 00 8F

Manual mode (pure infrared at night):FF 01 83 01 01 03 EC 00 75