

HiEay APP Series

PTZ IP Camera

Instruction Manual

Part 1: 【 HiEasy APP Operation Instructions】

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Part 1: 【 HiEasy APP Operation Instructions】

I.Download and install The APP

1, Quickly download and install by scanning the QR Code



HiEasy APP

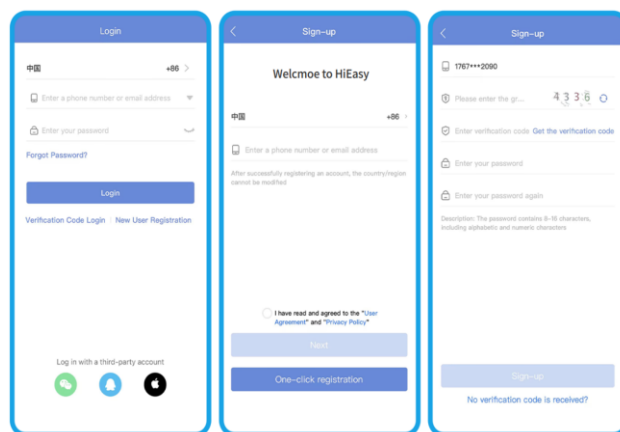
2, Search for "HiEasy" in the mobile app store to download and install it



II.Account Registration and Login

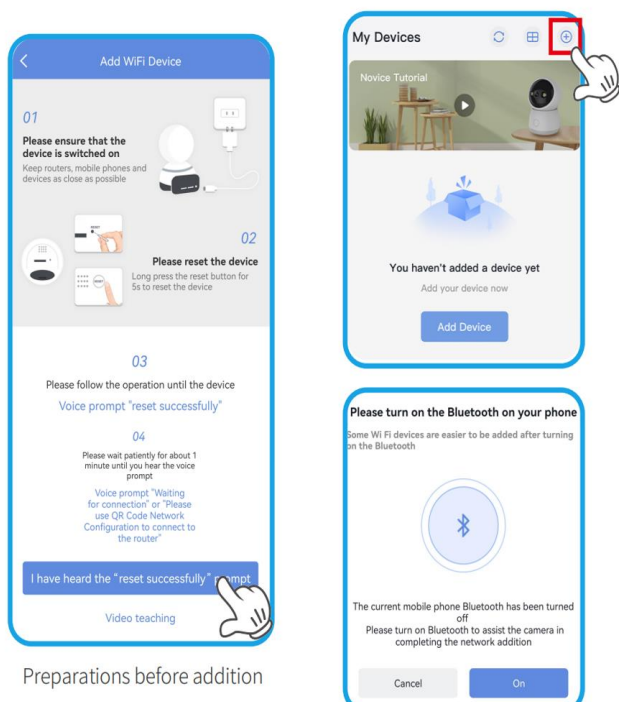
1,Open the APP,click"Register with Phone No./Email" and follow the prompts to register and account. Phone No. and Emails can both used for registration.

2,For existing accounts,directly enter the account and password to login.



III. WiFi Camera Connection Methods

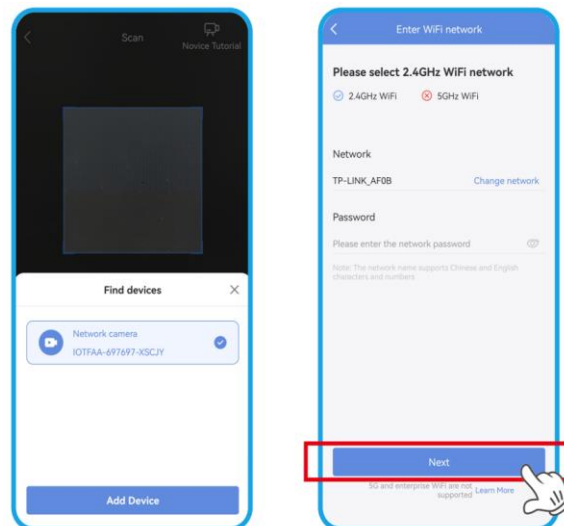
Before adding a WiFi camera, ensure that your mobile phone is connected to WiFi and Bluetooth is turned on. Place the camera close to the router and power it on.



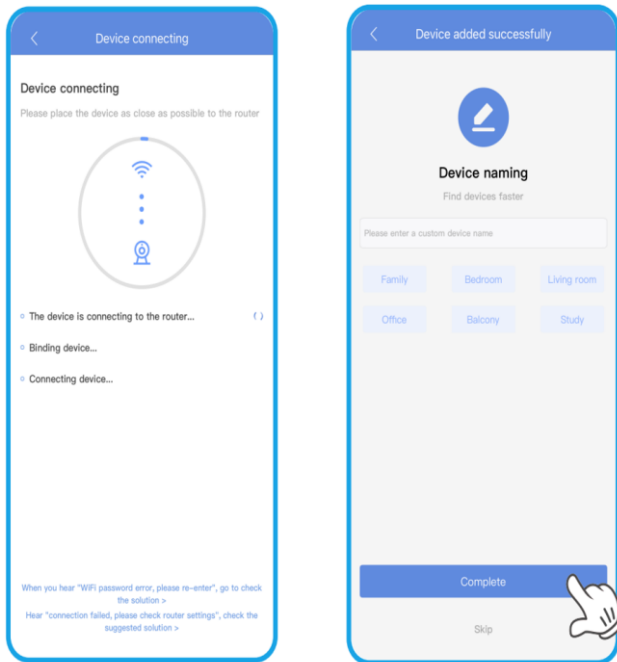
Bluetooth Pairing(WIFI Camera):

1,After the camera powers on and you hear the broadcast "Waiting to be added", open the APP and start adding the camera. If you hear an error broadcast, press and hold the reset button for 5 seconds to restart the camera.

2,Enter the WiFi password as prompted and wait. When the camera broadcasts "Device added successfully", the addition is complete. This process takes 60 - 120 seconds.

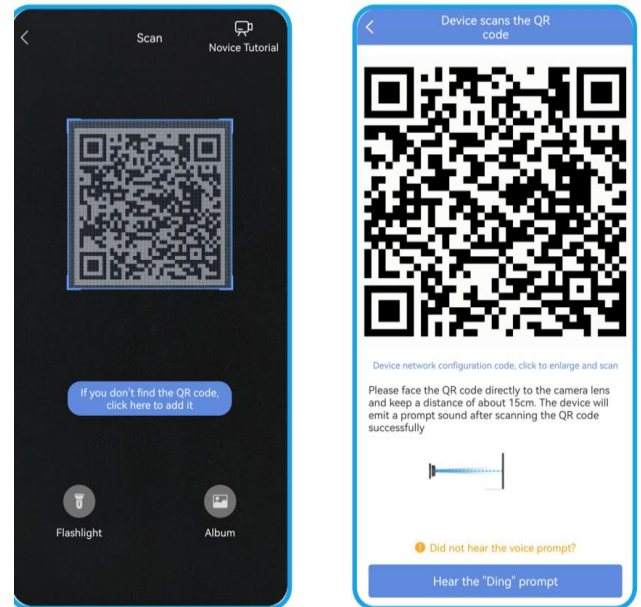


3, After successful addition, set the camera name and click to complete. You can then view the added camera on the home page.



QR Code Pairing: (POE Camera)

Open the APP and scan the QR code on the camera as prompted.

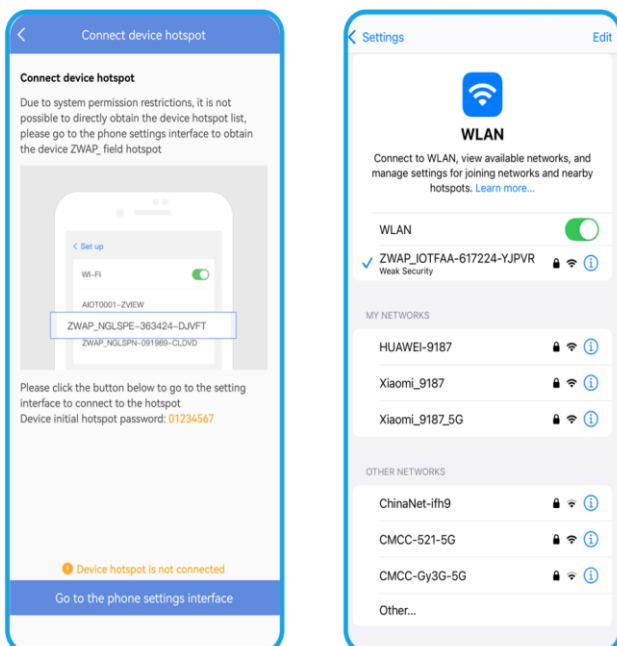


Scan the QR code on the
With your Phone

use your phone to scan
the QR generated by
The camera

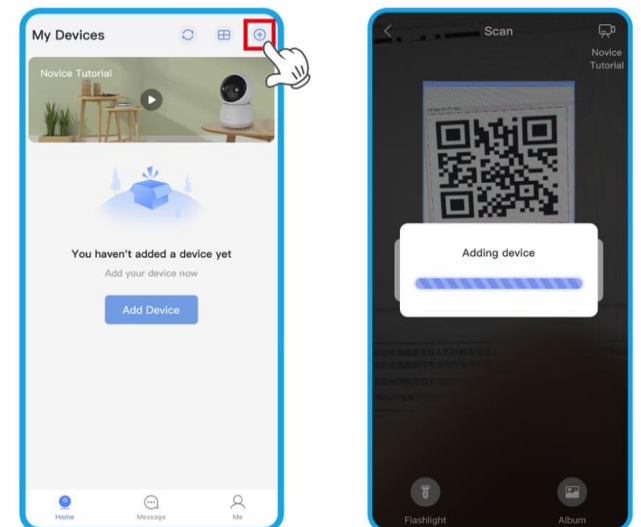
AP Hotspot Pairing(WIFI Camera):

- 1, Open the APP and select AP hotspot pairing as prompted.
- 2, Connect to the hotspot directly from your mobile phone for local area network viewing. Hotspot password: 01234567.



IV. 4G Camera Connection Method

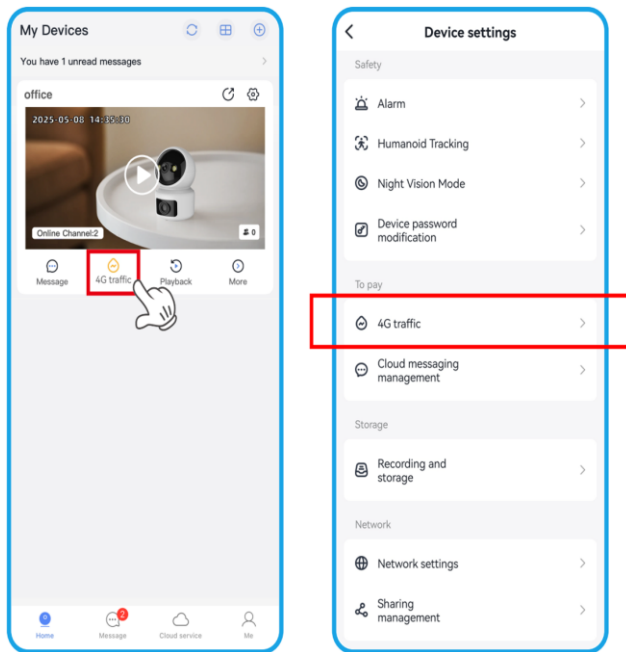
After the camera powers on and you hear the voice broadcast "Network connection successful", open the APP and scan the QR code on the camera body to add it. If there is no voice broadcast prompt, press and hold the reset button for 5 seconds and wait for the camera to restart before operating.



Click the "+" or scan the blue
Prompt bar in the middle of
The interface

Scan the QR code on
the camera with your
mobile phone

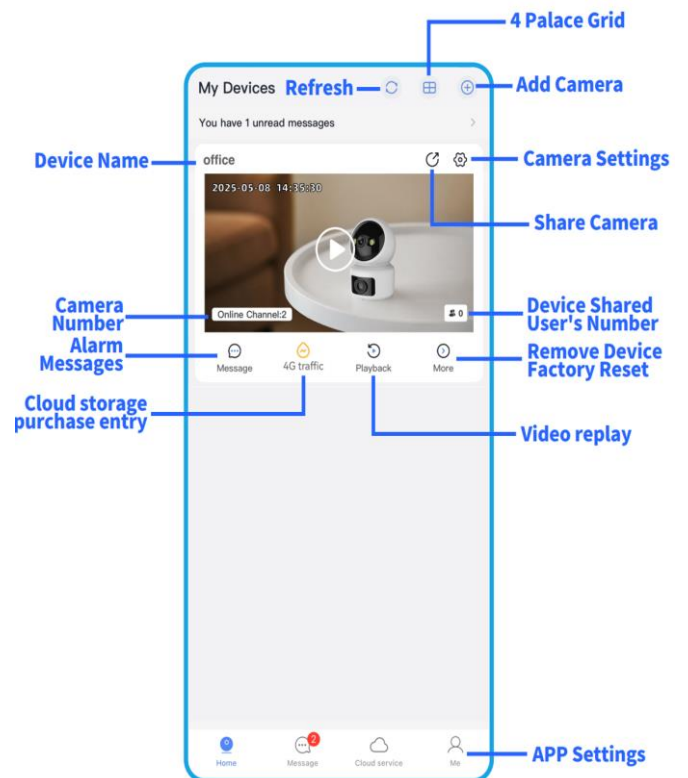
V. 4G Data Purchase



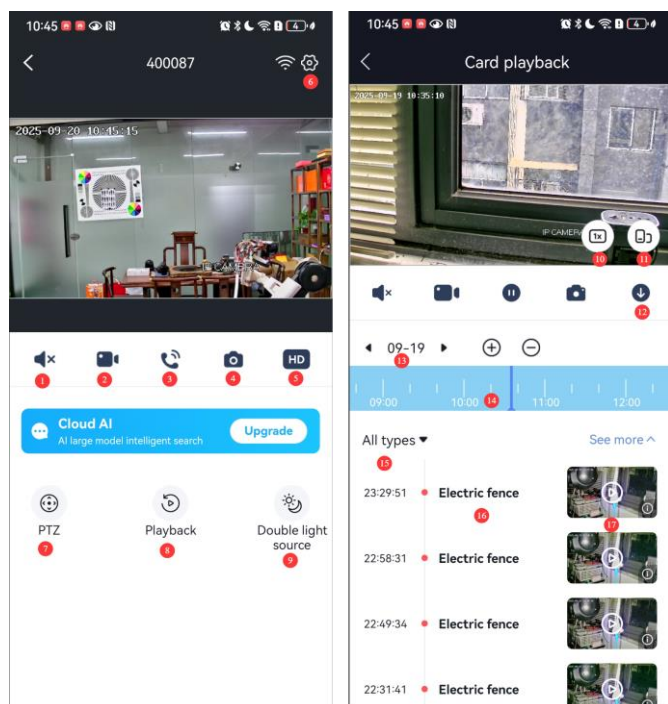
Home Page>4G Traffic Management

Home Page>Device setting >4G traffic mangement

VI. Home Page



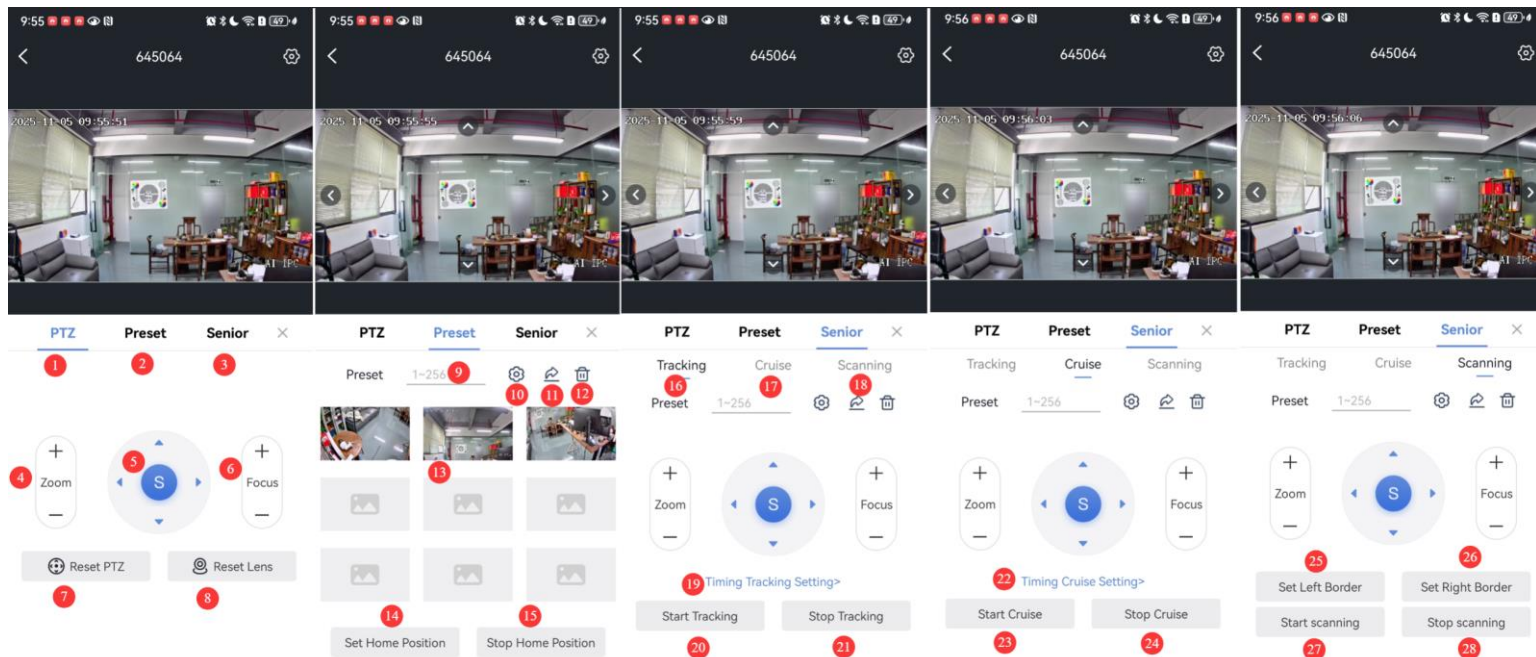
VI-1: Home Page for PTZ



1. Sound monitoring switch
2. Manual recording switch
3. Full duplex intercom
4. Real time capture
5. Preview clarity switch

6. Enter the settings menu
7. Enter the PTZ control interface
8. Enter the playback interface
9. Lighting control
10. Playback speed adjustment
11. Replay video in landscape or portrait mode
12. Video download
13. Playback date selection
14. Replay progress bar
15. Selection of Alarm Types
16. Alarm event
17. Alarm preview image.

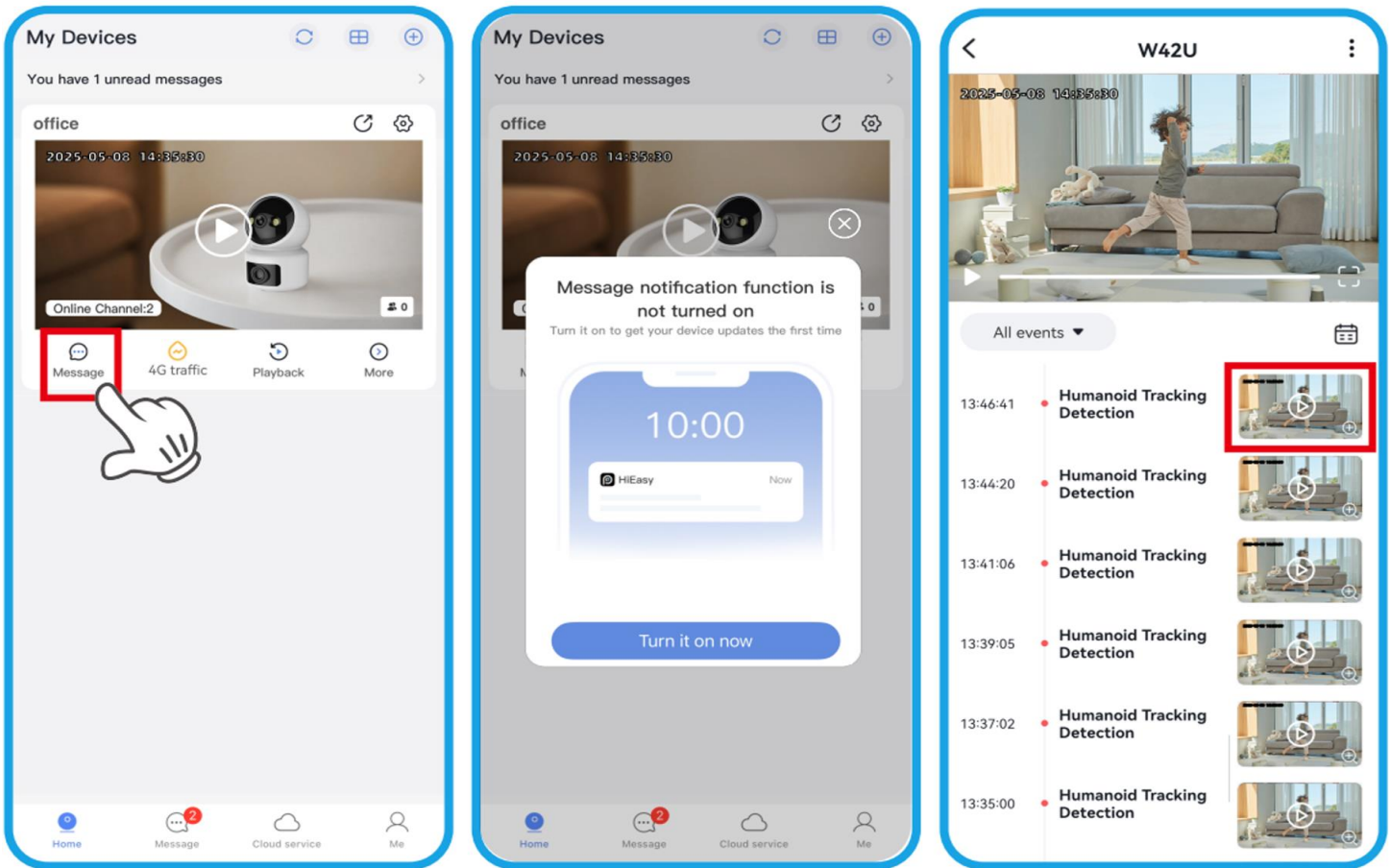
VI-2, PTZ camera operation interface instructions:



- 1: Enter PTZ control interface;
- 2: Enter preset position operation interface;
- 3: PTZ advanced function setting interface;
- 4: ZOOM+/-;
- 5: Pan/Tilt Speed control;
- 6: Focus+/-;
- 7: Reset PTZ;
- 8: Reset lens;
- 9: Preset position input field;
- 10: Set a preset;
- 11: Call a preset;
- 12: Delete preset position;
- 13: Display thumbnails of 1-9 preset positions;
- 14: Setting and turn on home position;
- 15: Turn off home position;
- 16: Enter the tracking control interface;
- 17: Enter the cruise control interface;
- 18: Enter the scanning control interface;
- 19: Set the tracking time (Timing Tracking);
- 20: Start tracking;
- 21: Stop tracking;
- 22: Set the automatic cruise time period;
- 23: Start cruise (need set a 1th Preset);
- 24: Stop cruise;
- 25: Set Left border;
- 26: Set Right border;
- 27: Start Scanning
- 28: Stop Scanning

VII. Alarm Push:

1. After the device is added successfully, click "Alarm" and follow the prompts to operate.
2. Alarm messages can be used to view videos and pictures, which are saved for 7 days by default.

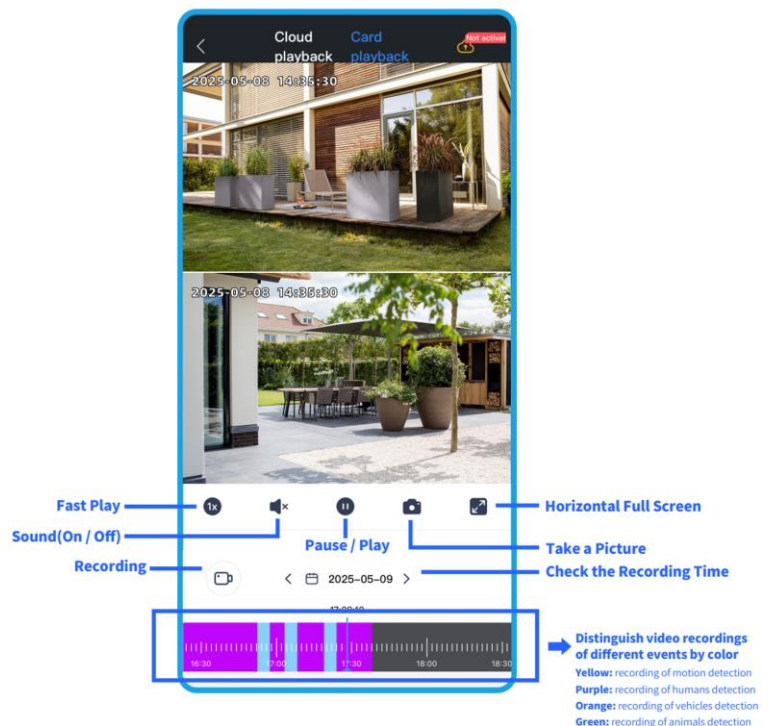
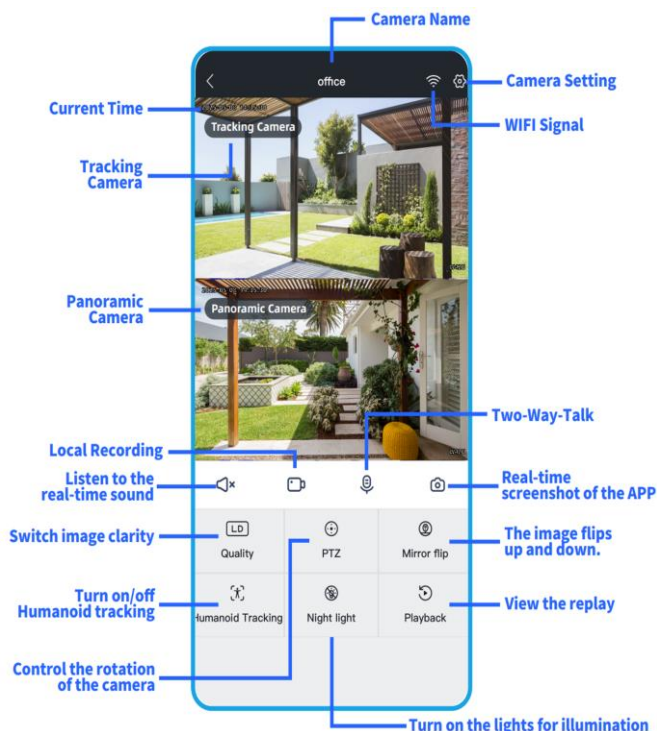


VIII. Live View

Click preview window on the home page to enter the live view screen

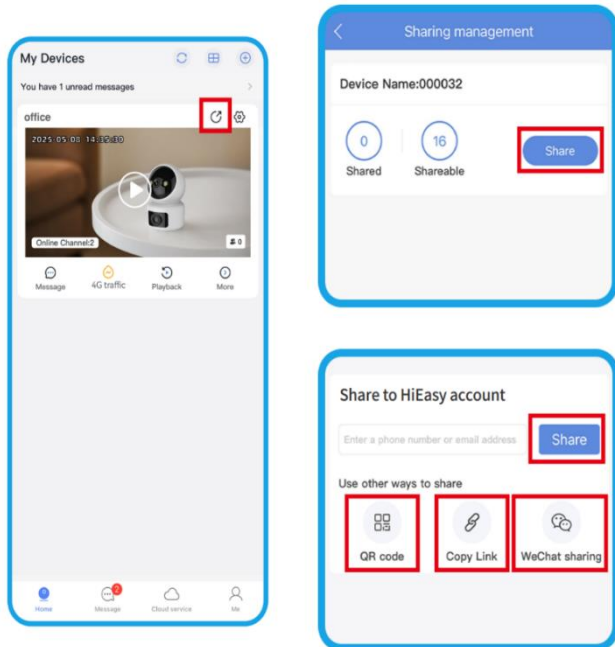
IX. View Playback

View recorded videos. Recordings can be retrieved from the TF card or cloud storage. Cloud storage can be purchased within the APP for more secure recording.



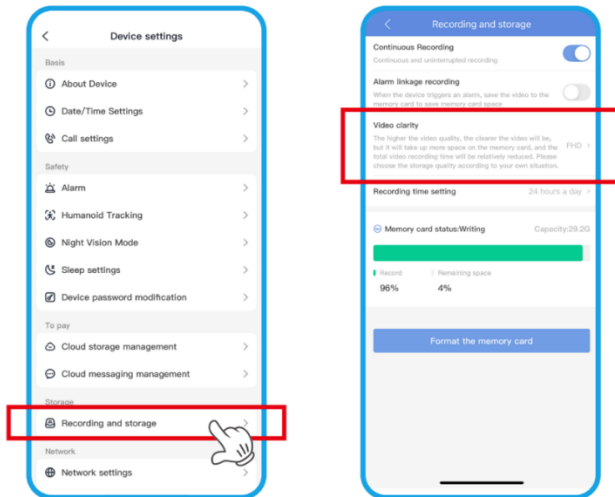
X.Sharing Function:

- 1.Click the share icon on the home page to share the camera with family and friends for viewing.(Requires account registration)
- 2,Enter the sharing settings to set sharing permissions,with multiple sharing methods available.



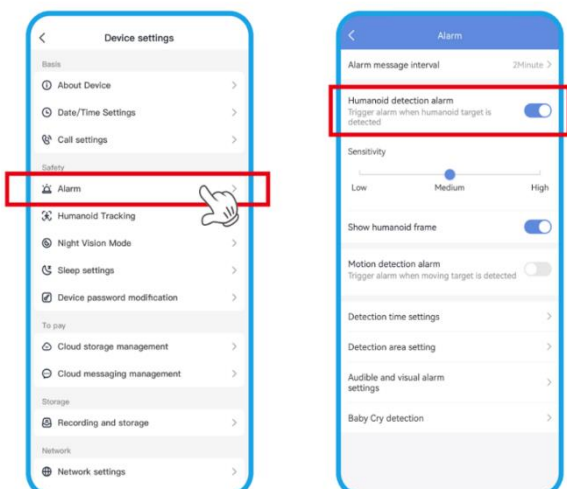
XI.Recording Storage

- 1,Continuous Recording:24 hours continuous recording throughout the day
- 2,Alarm-Triggered Recording:Records only after and alarm is triggered,which can save storage space on the memory card and make the recording last longer.
- 3,Video Clarity:Higher clarity results in shorter video storage time
- 4,Formatting the storage card:New cards need to be formatted before first use,Existing recordings will be cleared when formatting



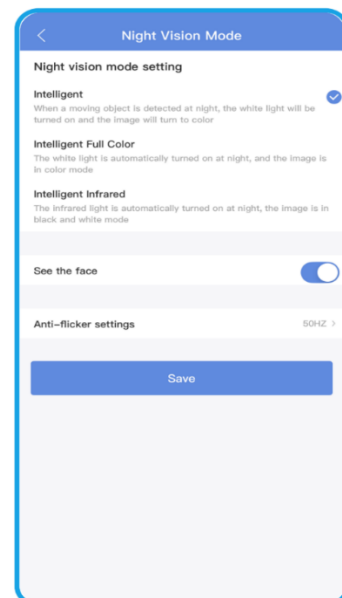
XII.Alarm Management

- 1.**Human Shape Detection Alarm:** When turned off, it will not detect people entering and will not send alarm messages. High sensitivity detects at a longer distance, and low sensitivity reduces false alarms.
- 2.**Motion Detection Alarm:** Used to detect the movement of objects other than people. Off by default.
- 3.**Detection Area:** Set the area for human shape detection.
- 4.**Sound and Light Alarm:** Set different alarm sounds and modes.
- 5.**Crying Detection:** Detects the crying of infants and toddlers to monitor the baby.

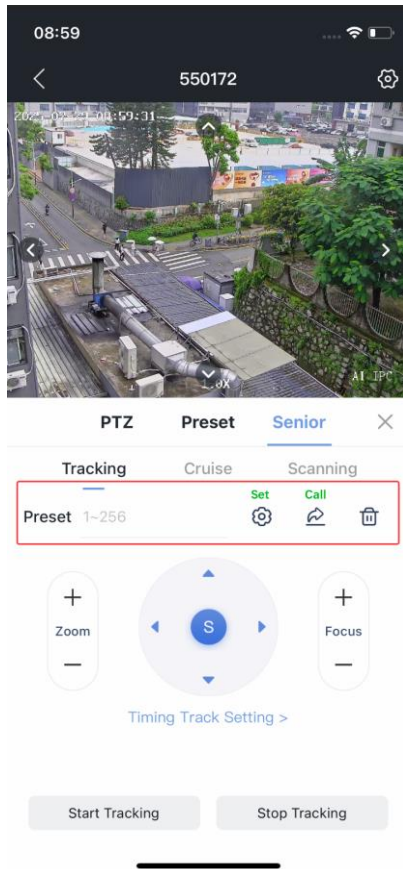


XIII,Night Vision Modes

- 1,**Smart Dual-Light:** In night vision black-and-white mode, when a person is detected, the white-light floodlight turns on and the image becomes color. It reverts to black-and-white after the person leaves.
- 2,**Smart Full-Color:** In night vision color mode, the white-light floodlight turns on automatically.
- 3,**Smart Infrared:** In night vision black-and-white mode, the infrared fill-light turns on.



Part 2 【PTZ Function Operation and Description】



Professional name explanation: Settings/Add:set preset, Call:Call preset, [N]+[set]=Enter N first and then click SET.“+”=Then

1.Preset settings

Rotate the camera to the position you want, then set this position to “N” preset [N] +[SET] ,N is preset point, 1-255 number can be optional (But the command Preset isn't include). Set= set preset

2.Call preset(need set the corresponding preset point) : [N]+[CALL]

N for preset point, 1-255 number can be optional, camera can move to preset point after call, Zoom, focus and aperture lens will automatically change to preset parameters , camera preset display on the monitor.

3.Delete all preset point: [100] +[CALL] ,Call no.100 preset, clear the all preset :[1]+[0]+[0]+[CALL] .

4.Auto scan(Horizontal rotation)

[120]+[CALL], call No.120 ,the lever of 360 degree clockwise automatic scanning

Modify speed of Auto scan :

[121]+[Set] +[N]+[Set]; (N=1-10; N represents scan speed percentage,default is 8=80%)

If you wanto to change speed of auto scan to **50%**; Setting method: [121]+[Set] +[5]+[Set]

5,The inspection group programming

Before you start cruising, you first need to set the preset position in the cruise path.**Please refer to “ 3.Preset settings”**

[101]+[CALL] for Open the first Cruise of 1-64 to scan ;

Modify the stay time of the Cruise:

[123] +[Set] + [N]+[Set]; (N=3-10; N represents the dwell time at each preset,default is 5 seconds)

If you change the dwell time to **10 seconds**. Setting method:[123]+[Set] + **[10]**+ [Set]

Modify speed of the Cruise:[115]+[Set] + [N]+[Set]; (N=1-10; N represents Cruising speed percentage,default is 8=80%)

If you change speed of the Cruise to **40%**; Setting method:[115]+[Set] + **[4]**+ [Set]

6,Left and right limit scan settings

users can set left and right limit point in the range of the rotation, the speed dome can return scan in setting range:

[81]+[SET]: left limit; [82]+[SET]: right limit, [83]+[CALL]: start right and left limit scan

Modify the speed of right and left limit scan:

[141] +[SET]+[N] +[SET]; (N=1-10; N represents Cruising speed percentage,default is 5=50%)

If you change speed of the limit scan to **100%**; Setting method:[141]+[Set] + **[10]**+ [Set]

7.Idle action settings:The camera performs a certain function in standby mode

[131]+[Call]:OFF Idle position set

Idle position setting:[131]+[Set]+[N]+[Call],

N=Function preset;When N=98, the camera Open the first Cruise of 1-16 to scan function. Setting method:[131]+[SET]+ [98]+[CALL]

Set the time when the idle action start: [132]+[set]+[N]+[SET]; (N=1-30; N represents Idle time,default is 5 minutes)

8.Restore factory settings for Speed dome

[106]+[Call]+[64]+[CALL] for restore PTZ speed dome to factory setting;

Setting method:[106]+[Call]+[64]+[CALL]

Part 3 Speed dome Command Table

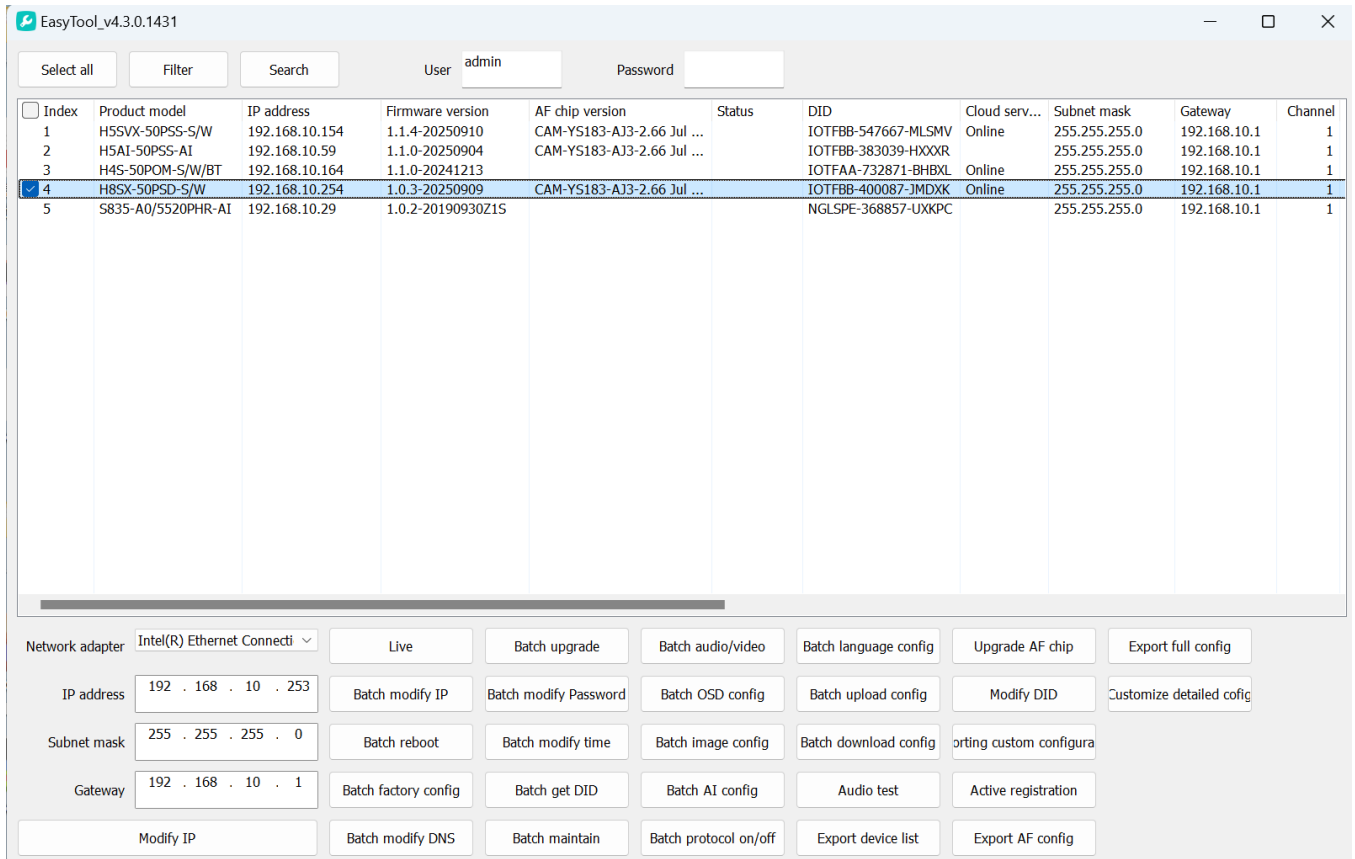
Command Name	Function description	NO.	Call	Set
Tracking Command				
Set a Return Position	This position is the initial position where the camera starts tracking/the automatic return position after tracking:88+set	88		√
Turn on fixed-point tracking	Turn on tracking based on initial position:97+call	97	√	
Set tracking return time	The time when the camera automatically returns to the initial position after the tracking target disappears:153+set+N+set,N=1-30 seconds, default N=10	153		√
Turn on cruise Tracking	Camera activation is based on preset position cruise tracking (some preset positions need to be set first (range: 1-32):98+call	98	√	
Turn off all Tracking	96+set	96		√
tracking Enable ZOOM	The camera automatically ZOOM when tracking:95+set (default)	95		√
Tracking invalid ZOOM	The camera invalid ZOOM when tracking , 95+call	95	√	
Set tracking Pan speed	150+set+N+set, N=1-100,default N=60	150		√
Set tracking Tilt speed	151+set+N+set, N=1-100, default N=50	151		√
Idle action				
Settings idle action Automatically turn on after successful setting	131+set+N+Call; N= Function command N=1 The camera automatically stays at preset position 1 when idle N=101 Turn on cruise; N=97 Turn on Fixed tracking N=83 Turn on area scanning; N=120 Turn on 360°Pan scanning;N=85 Turn on 360°Pan Tracking N=98 Turn on cruise tracking	131		√
Wiper contro l(if support)	71+call (after executing once, the wiper will automatically stop after wiping 3 times, and can be operated repeatedly)	71	√	
Defog control	72+call: Enable defogging function. 72+Settings: Turn off the defogging function. Set the working duration of defogging: 73+settings+N+settings, N=1-24 hours, default N=1 hour	72	√	
Defog time	Set the working duration of defogging: 73+settings+N+settings, N=1-24 hours, default N=1 hour (automatically closed after 1 hour of activation)	73		√
OSD Menu control	Called by 80+, the screen camera control menu can be opened, and the PTZ control direction key is used for rotation and setting.	80	√	
General function setting of Speed dome				
Modify manual control Pan Speed	160+set+N+set, N=1-10, N=Speed ,default N=5	160		√
Modify manual control tilt Speed	161+set+N+set, N=1-10, N=Speed ,default N=5	161		√
360°Pan scanning	120+call	120	√	
Modify Pan scanning	121+set +N+set, N=1-10,default N=5	121		√
Area scanning				
Set Left Border	Set the leftmost position of area scanning , 81+set	81		√
Set right Border	Set the rightmost position of area scanning , 82+set	82		√
Turn on area scanning	83+call,	83	√	
Modify Area scan speed	Modify Area scan speed , 141+set+N+set, N=1-40, default N=6	141		√
Modify automatic recovery time	126+Set+N+set,N=1-10(minute),default N=5			
Cruise				
Turn on cruise	101+call	101	√	
Modify cruise speed	115+set+N+set, N=1-10,default N=5	115		√
Modify cruise dwell time	Modify the dwell time at each preset position :123+set+N+set, N=1-200 seconds, default N=10	123		√
Turn on speed ratio	he larger the ZOOM, the slower the rotation speed(default)	108	√	
Turn off speed ratio	ZOOM changes, rotation speed remains unchanged	108		√
Focus mode setting	Focus mode setting: 250+Set+N+Call, When N=1, the camera will only automatically focus when ZOOM is triggered When N=2, any PTZ action triggered will automatically focus the camera When N=3, changes in PTZ or image transmission will also trigger radial basis function autofocus	107		√
Minimum focus distance setting	Minimum focus distance setting: 251+Set+N+Call, When N=1, the minimum focusing distance is 1.5 meters When N=2, the minimum focusing distance is 3 meters When N=3, the minimum focusing distance is 6 meters			
Del all preset	100+call/140+call	100	√	
Reset speed dome	106+call+64+call	106	√	
Reboot LENS and speed dome	107+set+64+call	107		√

Part 4: [Windows PC WEB Operation Instructions]

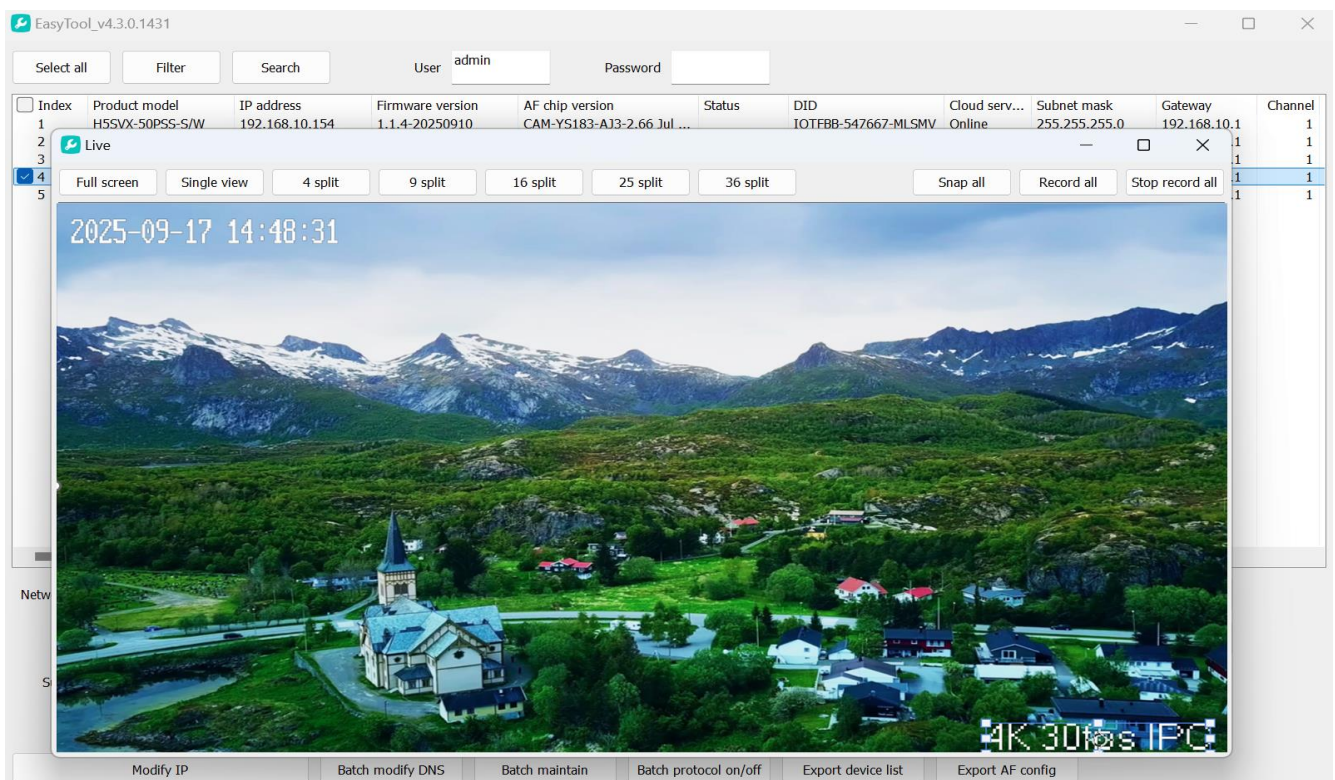
I, Download and install PC search device search tool

(Download address: <http://www.esunstar.net/upload/file/HiEasy/EasyTool.rar>)

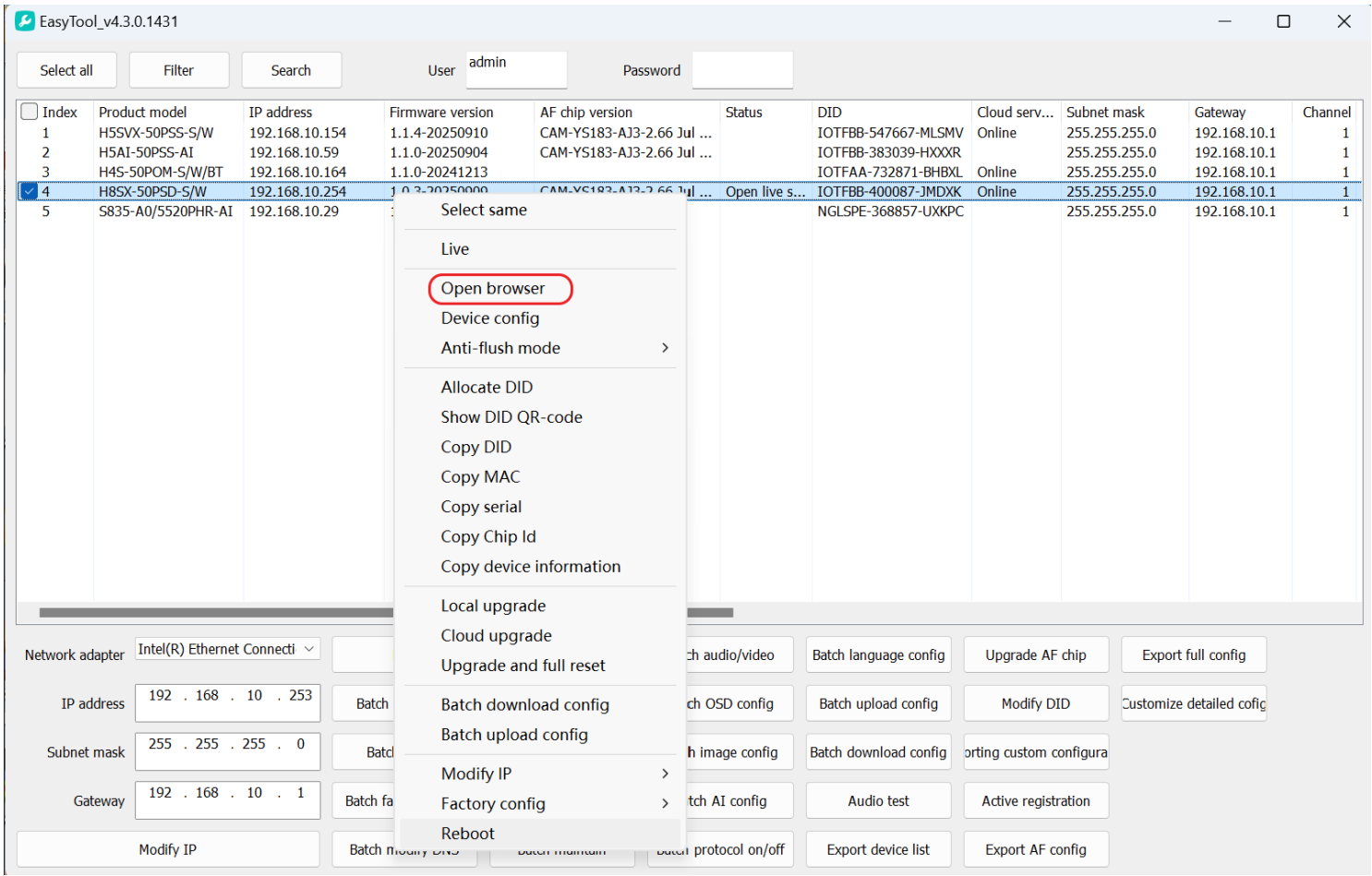
II, Extract the downloaded file and run "EasyTool.exe" file, as shown in the following figure



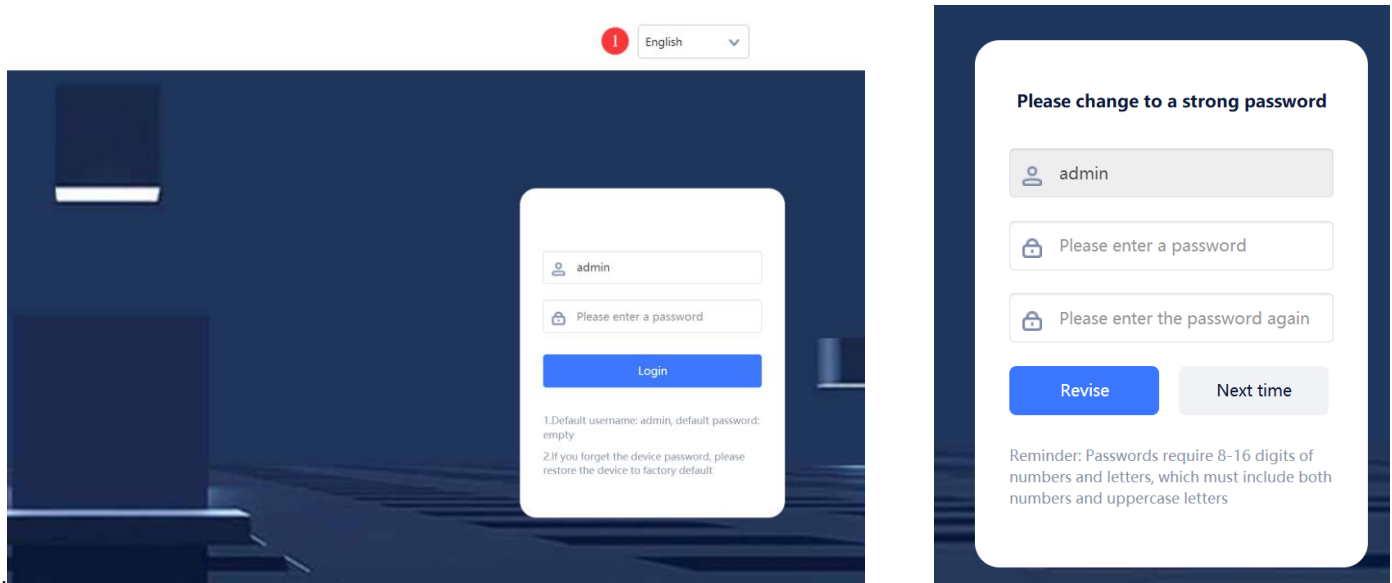
Click the "Search" button to find the camera. Double click on the searched camera to preview the video. As shown in the following figure:



III,Right click on the searched device to display actionable menus. Click on the WEB preview, and the device will automatically open the WEB browser.



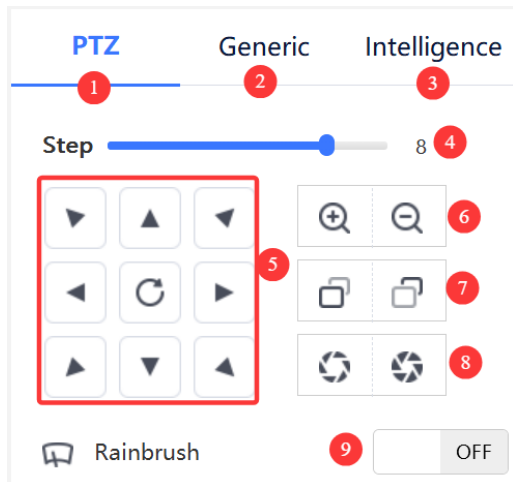
IV ,Select the language type for login at position 1. And click the "Login" button to log in to the camera system, as shown in the following figure



The default username for the first login is admin, and the password is empty. Therefore, it is recommended that you change a password when using the camera for the first time. As shown in the above figure. Of course, you can also click "Next time" directly to enter the system without changing your password.

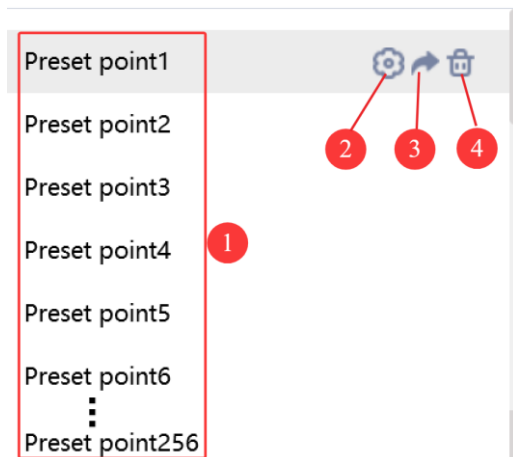


V,Description of WEB main interface buttons:



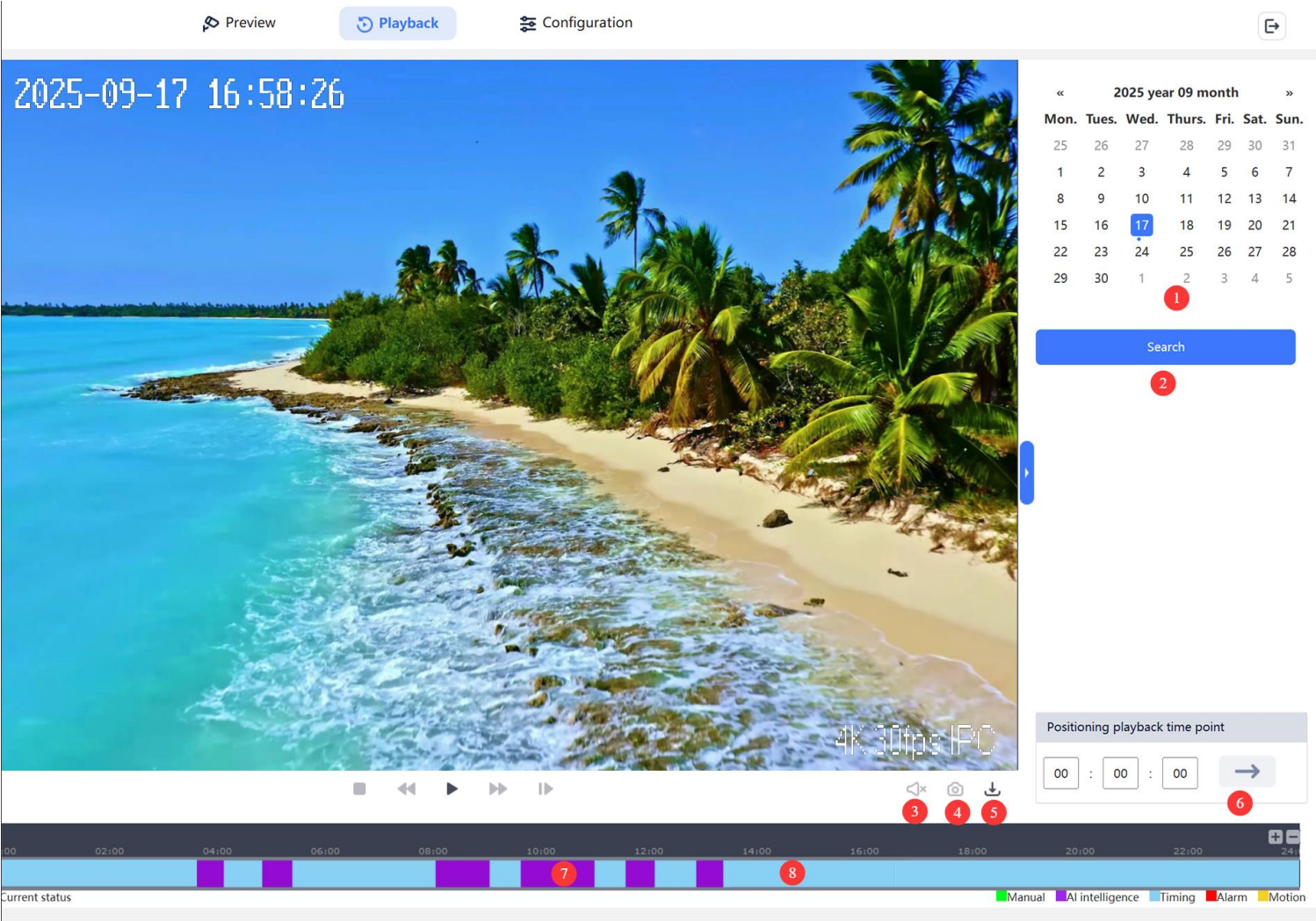
- 1,PTZ control operation interface
- 2,Quick setting of camera general parameters: including image mode, OSD display, audio and video settings.
- 3,Intelligent AI quick settings: including regional intelligent detection, cross-border detection, departure detection, and passenger flow statistics settings.
- 4,Pan Tilt Control speed adjustment
- 5,Pan Tilt Control direction button
- 6,ZOOM+,ZOOM-
- 7,Manual focus+, - adjustment
- 8,Lens Iris adjustment (if supported by the device)
- 9, Wiper on and off (if supported by the device)

Preset point setting



- 1, PTZ preset position number, supporting 1-256 preset position selections
- 2, Set(add) the current preset position.
- 3,Call the current preset position.
- 4, Delete the current preset position

VI,Description of Playback interface buttons:



- 1, Select playback date;
- 2, Click the "Search" button to search for the video file with the current date. As shown in Figures 7 and 8.
- 3, Turn on audio during playback.
- 4, Capture a picture during playback.
- 5,Download the video to the computer in the format of * MP4

Download video

Start time

2025-09-17 06:16:03

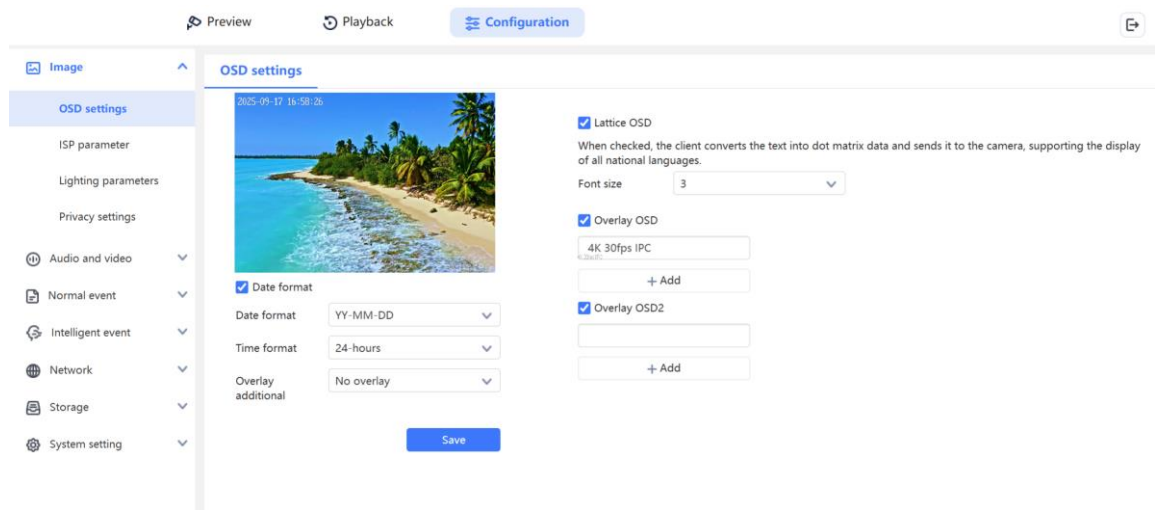
End time

2025-09-17 06:20:03

Download now

- 6, Customize playback time
- 7, Alarm recording
- 8, Ordinary video recording

VII,Description of Configuration interface:



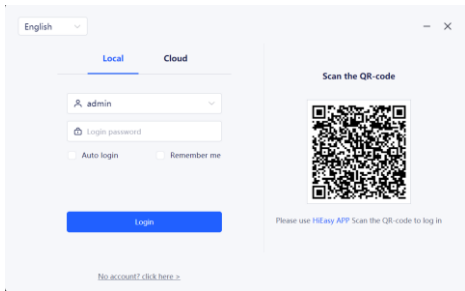
Part 5: 【Windows PC Software Operation Instructions】

Please download the computer version of the centralized management software EasyVMS

Download address: <http://www.esunstar.net/upload/file/HiEasy/EasyVMS.zip>

1,Run EasyVMS and login, Default login username: admin, password is empty.

If you are using it on a LAN network, please select the "Local" login method. If you want to connect to a remote camera, please select the "Cloud" login method.



For the detailed manual of EasyVMS, please log in to the software and click on the "?" button as shown in the figure below to download the manual.

