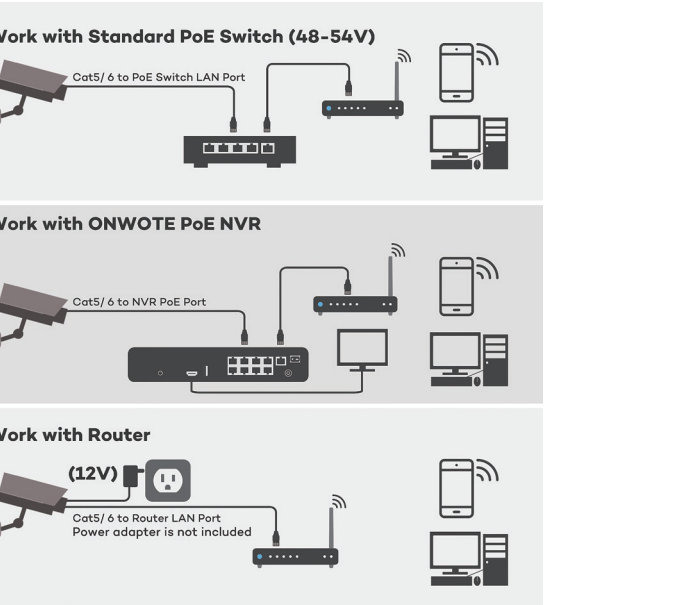


Security Camera

Quick User Guide

1 Connecting the camera to system

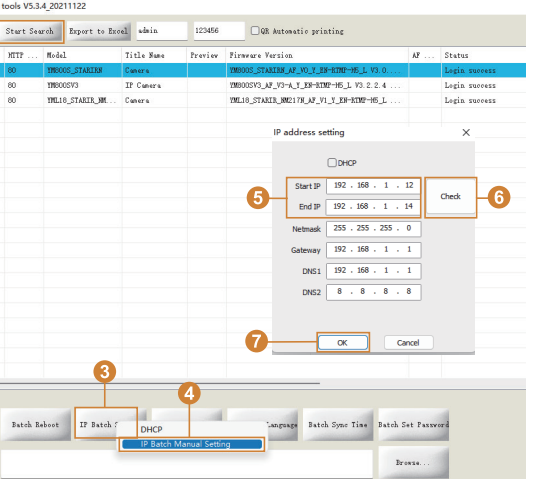


Note:
1. This camera can only work with ONWOTE brand PoE NVR.
2. The camera should be connected to an OPTIONAL 12V power supply (not included) if you do not use PoE (power over ethernet).
3. A Windows computer is more convenient for setup and troubleshooting.

2 Modifying the camera's IP address

Default: IP address: 192.168.0.123 , Username: admin, Password: 123456
(We strongly recommend modifying the default password for your security).

Each IP camera has the same default IP address after leaving the factory. In order to guarantee network connectivity and access the live video, it is essential to change the camera's IP address to unique via computer before using. Please go to www.onwote.com (Support-Download Center-Tools-Search Tools) to download and install search tools to manage the camera.



1. Click **Start Search**.
2. Check in the desired camera.
3. Click **IP Batch Setting**.
4. Choose **IP Batch Manual Setting**.
5. Change the IP address to the same Network segment with your router (Tips: If the gateway is 192.168.3.1, please change your ip address to 192.168.3.X (x=2 ~ 254)).
6. Click **Check** to check whether the ip is usable. If it conflicts with other devices, please change another ip.
7. Click **OK**.

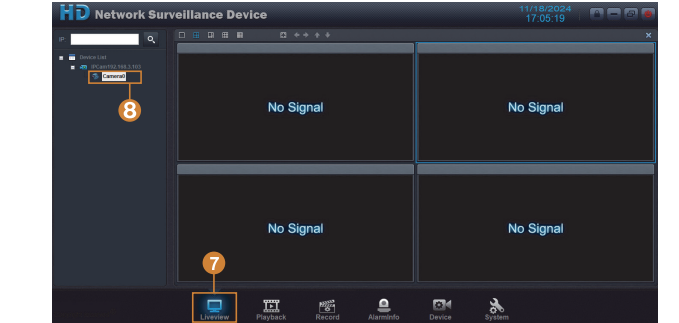
How to:
Reset password- Click Batch Reset.
Upgrade Firmware- Select a camera, click **Browse**, choose firmware, click **Upgrade Firmware**.

3 Access Camera Using PC Client Software

Please download IPVMS software for local view from www.onwote.com (Support-Download Center-Software-IP Camera)



3 Access Camera Using PC Client Software



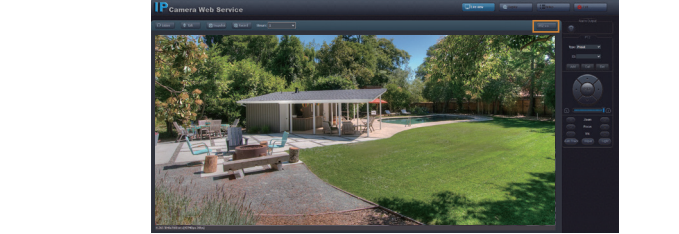
1. Setup a username and password.
2. Click **Login**.
3. Click on **Devices**.
4. Click on **Search**.
5. Select cameras.
6. Click on **Add**.
7. Click on **Live View**.
8. Double click on camera on the left side to view video.

4 Access Camera Using Browser

1. To access the camera's web interface, type in the camera's IP address in the browser URL bar to gain access to the login page.
2. Install Web Plug-in.
3. Login to view video(Default user: **admin**, Password: **123456**).



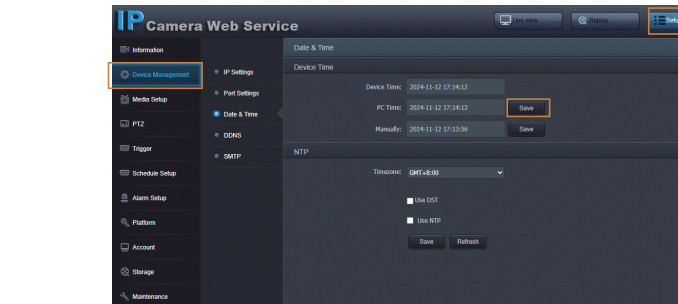
4. Please restart or refresh your browser and access the IP again if you didn't get video after login.



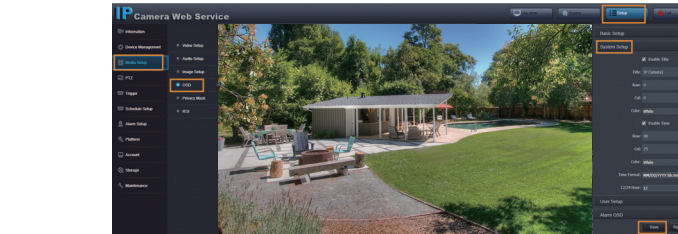
Note:
1. Click **PTZ Setting** on right side of the screen to get the menu of PTZ settings.
2. Only the motorized auto focus cameras can zoom in and zoom out.
3. Only the PTZ cameras can pan, tilt and zoom. To setup more PTZ functions (auto cruise, auto track, etc.) please refer to appendix on page 13.

5 General Configurations

1. **Modify Camera Date &Time**
Setup ► Device Management ► Date & Time
Click **Save** on the right side of **PC Time** to sync the camera time with your computer.



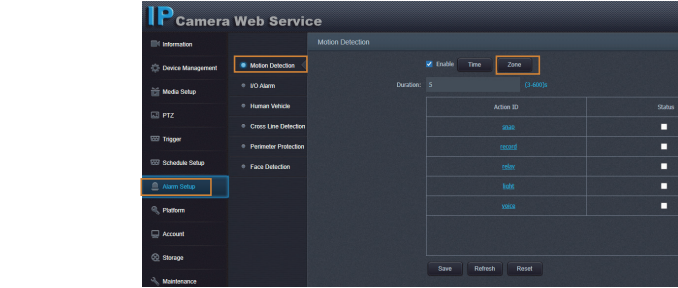
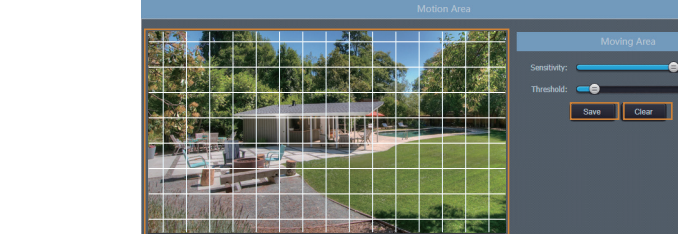
2. **Modify Camera Tile, Time Format**
Setup ► Media Setup ► OSD ► System Setup
Set a **Title**, change **Time Format**, click **Save**.



5 General Configurations

3. **Set Motion Detection Zone, Human Vehicle Detection Area and Face Detection Area** (default detection area is full screen).
Tips: These tree detection areas cannot work at the same time. Only one can be active at a time. Human vehicle detection and Face Detection takes precedence over motion detection.

- 1) Motion Detection Zone
Setup ► Alarm Setup ► Motion Detection
Click **Zone**, click **Clear** and draw areas on the image. The area covered by yellow lines are the detection area.

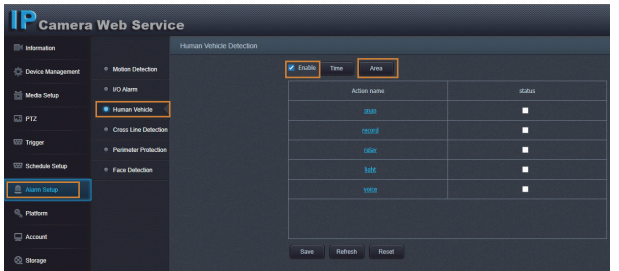


5 General Configurations

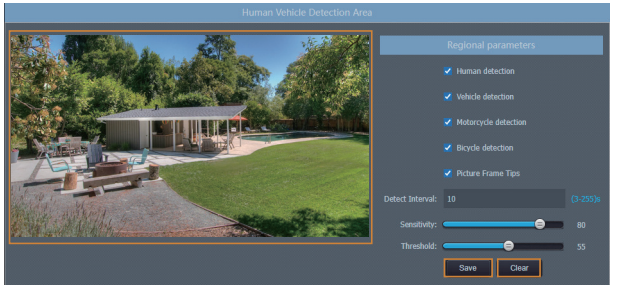
2) Human Vehicle Detection Area

Setup ► Alarm Setup ► Human Vehicle

Check in **Enable** to turn on Human Vehicle Detection. Click on **Area** to modify detection area.



Click **Clear**, draw area on the image (8 points at most), click **Save**. The area inside the yellow box is the detection area.



3) Face Detection Area

Setup ► Alarm Setup ► Face Detection

Check in **Enable** to turn on Face Detection. Click on **Area** to modify detection area.

5 General Configurations

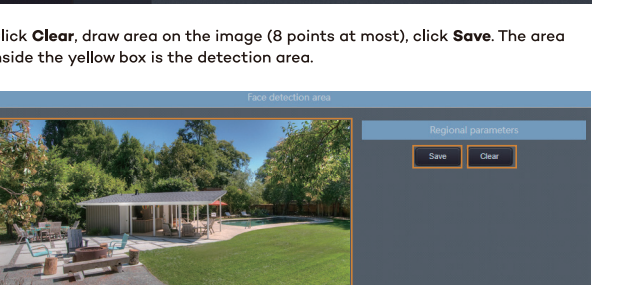
4) Trigger Snapshot/Record

Setup ► Trigger ► Trigger

Click **Edit** on the right side of **Snap/Record**. Choose **Stream ID**, **Interval** and **Save Type**. Click **Save** to save changes. You can also click on **SD/FTP/Email/NAS** to setup **SD/FTP/Email/NAS**.



Click **Clear**, draw area on the image (8 points at most), click **Save**. The area inside the yellow box is the detection area.

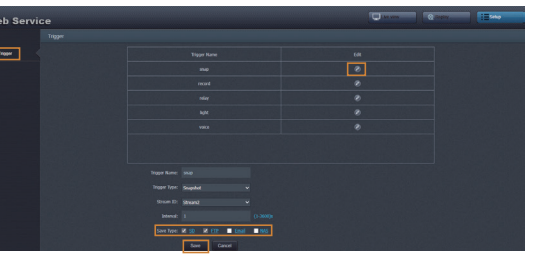


5 General Configurations

4) Find your device UID

Setup ► Platform ► Mobile View

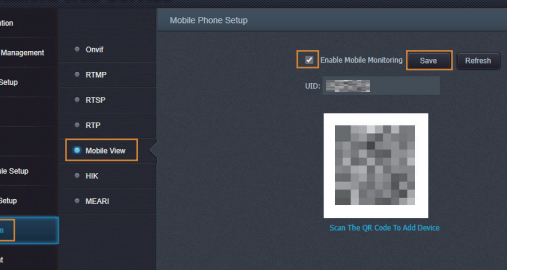
Check in **Enable Mobile Monitoring**, click **Save**. Wait for 3-5 minutes, click on **Refresh** to get the **UID** and **QR Code**.



4) Trigger Snapshot/Record

Setup ► Trigger ► Trigger

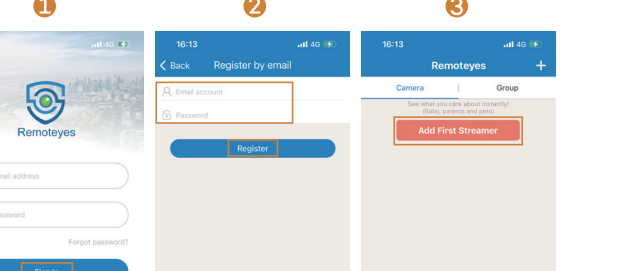
Click **Edit** on the right side of **Snap/Record**. Choose **Stream ID**, **Interval** and **Save Type**. Click **Save** to save changes. You can also click on **SD/FTP/Email/NAS** to setup **SD/FTP/Email/NAS**.



6 Working with mobile device

Download Remoteyes from Apple App Store or Google Play.

After installation, launch **Remoteyes** on cell phone. For the first time use, please create a new account and add device by follow the steps below:



1. Tap on Register

2. Enter your email address and a password, tap on **Register**

3. Tap on **Add First Streamer**

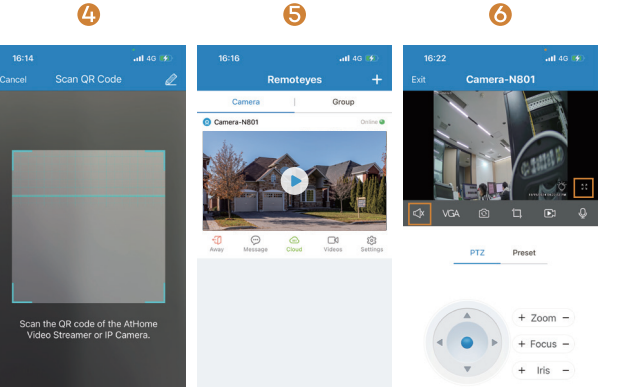
4. Scan the QR code of the camera(please refer to page 10 to get the QR code/UID)

5. Tap on to view live video.

6. Tap on to check audio.

7. Tap on to view video in full screen.

6 Working with mobile device



Note:

1. For more functions like **Messages** and **Videos(recordings)**, please install a SD card (not all the cameras support SD card) or buy cloud storage.

2. If you cannot connect to the camera successfully, please check your Internet connection and verify the IP address, DNS settings of the camera.

3. The camera can only work with ONWOTE NVR, if you use this camera with other brand NVRs, you may have compatible issues.

7 Appendix for 20X PTZ camera

Note:

1. We suggest you follow the appendix below to set presets for the 20X PTZ cameras on the browser.

2. Only 20X PTZ camera support auto cruise and auto track. For the other PTZ cameras, please set presets and call presets manually.

IP PTZ Function	Command	Comments
Start Sequence Patrol No.1 (Preset:1-32)	Call 41	
Start Sequence Patrol No.2 (Preset:17-32)	Call 42	
Start Sequence Patrol No.3 (Preset:65-80)	Call 43	
Start Sequence Patrol No.4 (Preset:113-182)	Call 44	
Start Sequence Patrol No.5 (Preset:129-144)	Call 45	
Start Sequence Patrol No.6 (Preset:145-160)	Call 46	
Start Sequence Patrol No.7 (Preset:161-176)	Call 47	
Start Sequence Patrol No.8 (Preset:177-192)	Call 48	
Preset dwell time: 4s	Set 51	
Preset dwell time: 6s	Set 52	
Preset dwell time: 8s	Set 53	Default
Preset dwell time: 10s	Set 54	
Preset dwell time: 12s	Set 55	
Auto Tracking: Guard Position	Set 56 or Set 92	
Auto Tracking: Max.Target Tracking time	Set 93 + Set N(N:20-255)	Default:disable
Auto Tracking: Target Lost Return time	Set 94 + Set N(N:1-255)	
Auto Tracking:Start Sequence Patrol No.1 and Search Target for Tracking	Call 57 or 93	
Auto Tracking:Disable Auto Tracking	Call 58 or 94	Default:disable
Start 360°Pan Scan	Call 96 or 100	
Start A to B Scan	Call 38	
Disable A to B Scan	Set 38	
Set A-B Scan Left Position A	Set 35	
Set A-B Scan Right Position B	Set 36	
Set A-B Scan rotate speed	Set 60 to 64: 3°,6°,9°,15°,40°/sec	
Enable Idle Action	Call 105 enable	
Disable Idle Action	Set 105 disable	Default:disable

7 Appendix for 20X PTZ camera

IP PTZ Function	Command	Comments
Idle Action Type	Call 101:Preset(1) Call 102:360°pan scan Call 103:A-B scan Call 104:Sequence patrol No.1	Default: 90s
Restore Factory Settings	Call 115	
Remove All Preset	Call 33	
Init Drive System	Call 34	
IR Mode: Auto	Call 81	
IR Open	Call 82	
IR Close	Call 83	
IR Sensor: Low	Set 81	
IR Sensor: Middle	Set 82	
IR Sensor: High	Set 83	
Set IR Sensor Delay	Set 110 + Set N (N:36-100)	
Set Pan Scan Speed	Set 111 + Set N(N:1-64)	
Set Max.Control Speed	Set 113 + Set N(N:1-64)	
Set Sequence Patrol Preset dwell time	Set 114 + Set N(N:1-254)	
Set Sequence Patrol speed	Set 115 + Set N(N:1-64)	
Set Idle Action waiting time	Set 117 + Set N(N:1-254)	Default: 90s
Lens Init	Set 253 + Call 252	

8 Frequently Asked Questions

1. Why can't I open the default IP address 192.168.0.123 via web browser?

Check your computer's IP address before accessing the camera. If the IP address does not match the 192.168.0.x scheme, please install the IP search tool from www.onwote.com to modify the camera's IP address. Make sure the IP address of the camera matches the LAN IP scheme. For example, if the LAN is 192.168.1.xxx, then set the IP camera to 192.168.1.123 and so on.

2. How to reset the password?

The default Username: admin Password: 123456. If you lost the password or would to reset the camera's settings, please install the search tool to search camera ip, click **Batch reset** to reset camera.

3. How to upgrade the IP camera?

- 1) Contact us at support@onwote.com for the suitable firmware
- 2) You can use the web browser, search tool or PC client to upgrade the camera
- 3) On web, please go to the **Setup ► Maintenance ► Upgrade**, click Browse and select firmware, then click **Upgrade** to upgrade the camera.

4. How to fetch the RTSP video stream ?

- 1) Main stream: rtsp://ip address:554/media/live/1/1
- 2) Sub stream: rtsp://ip address:554/media/live/1/2

5. Why does the NVR not show image after adding your IP camera?

Please use ONWOTE brand NVR. Other brand NVR may have compatible issues.