Wifi/IP Camera Instructions

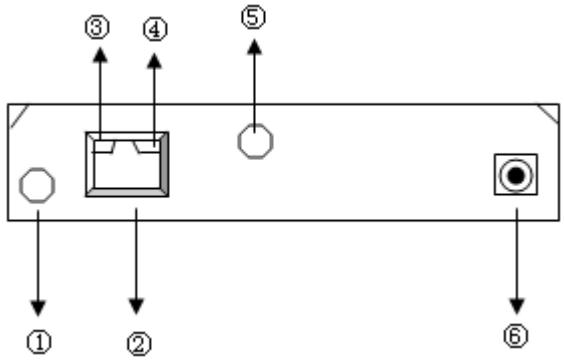
Chapter 1 Introduction

This product is made from high-performance chips to achieve a m edia processor integrated with acquisition, compression and trans mission on audio and video frequency. A standard H.264/Motion-J PEG encoding algorithm ensures clearer and smoother video trans mission effect. users are allowed to perform centralized monitoring on clientsand mobile phone clients via browsers, such as IE, thus conveniently realizing real-time monitoring and remote control on fr ont cameras. This product has good reliability and compatibility as well as simple installation and easy operation, so users can conne ct the cameras to wideband networks within few minutes without a ny skills.

Chapter 2 Camera installation guide

Product overview

①---WIFI antenna；②---LDR(light dependent resistor)；③---lens；④—PTZ；⑤—--Infrared lamp；⑥---Microphone；⑦---Base；



①---Audio output；②---Network port；③---web working station indicator；④—-Power light；⑤—WIFI antenna connector；⑥---Power interface

Reset button

Reset button is on the base of the device, just press and hold the button for 10 seconds to restore factory settings, the device will restart.

Chapter 3 Features

1. Basic features

The basic function of IPCAM is to provide remote video on the IP network. Real-time video images (720P, QVGA and VGA) quality are transmitted at up to 30fps on the LAN/WAN by using H.264/MJPEG hardware compression technique.
IPCAM is completely based on TCP/IP standard network protocol, Embedded WEB server in IPCAM supports IE browser, Centralized monitoring the client and mobile phone client browser. Therefore the management and maintenance of your device is simplified by using the network to remotely configure, start-up, and upgrade the firmware of your IPCAM. You can easily monitor and control image anytime in any place via clicking on the net.

2. Advanced Features

- Powerful High-performance media processor 32Bit RSIC
- High Definition COMS Sensor, up to real-time 30fps
- Optimized Motion—JPEG/H.264 video compression algorithm for high-definition video transmission
- Support livestream,videostream and snapshot mode, each mode can be browsed by 4 users or less.
- Embedded Web Server for users to realize real-time monitoring and settings management
- Support WIFI WIRELESS LAN
- Support wireless P2P mode
- Support DDNS, you can add manufactories domain name.
- Support Motion Detection and Alarm by sending emails, ftp pictures and Output warning.
- Support mobile phones
- Support 16 preset positions and call for warning
- Support two-way voice intercom

3. Technical parameters

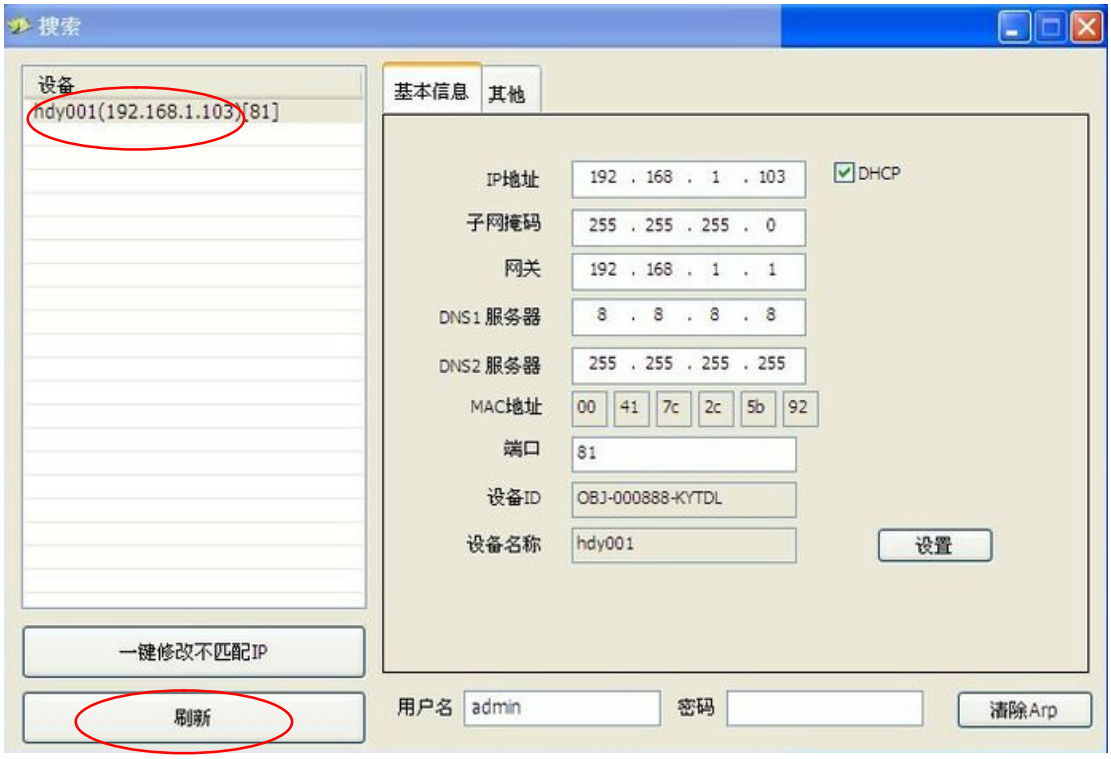
Image compression format	H.264(720P)/ MJPEG
Sensor	CMOS，1/4"
Image resolution	720P(1280 X720)VGA（640X480） QVGA（320X240）
WIN (Wireless network interface)	802.11b/g
working frequency	2400 –– 2483.5MHz
network protocol	TCP/IP, DHCP, SMTP, HTTP , UPNP ,PPPoE, FTP
maximum transmission rate	30fps
Alarm control	Output and input
PTZ control range	Vertical patrol(up and down) : 120° Horizontal patrol(left and right): 355°
Motion Detection	Support
software upgrades	Automatically upgrade
Monitor system	Support 3 modes
Playback mode	Windows media player
security	password settings
minimum illumination	2.0Lux@550nm
Working environment	0 –– 50° ， 20%–– 80%PH
Power supply	DC 5V/2A

Chapter 4 web instructions

1. Search Tool:

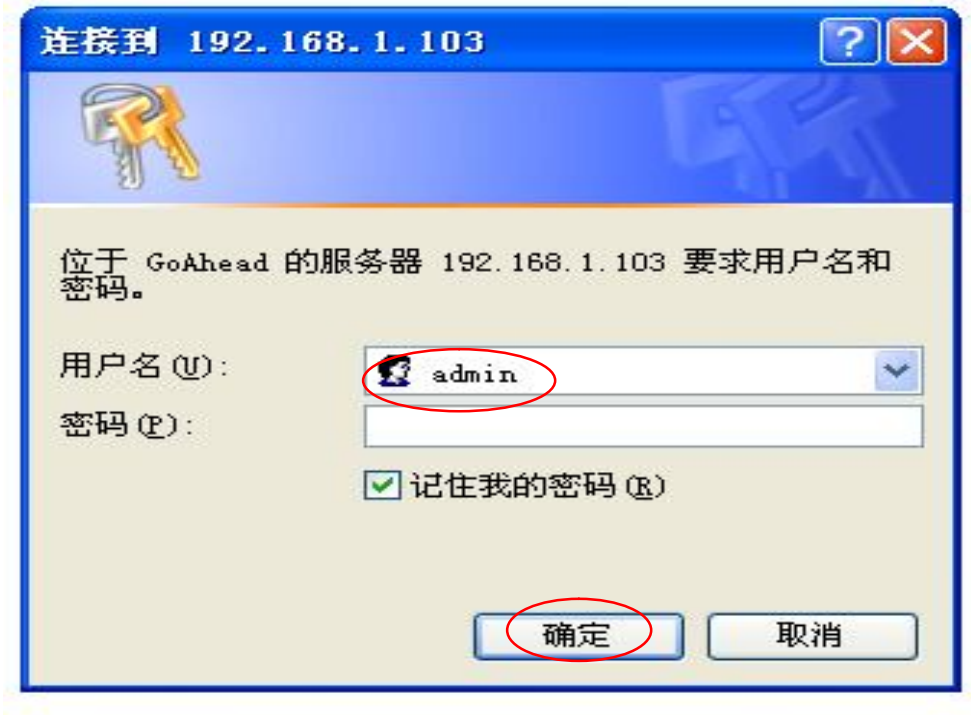
1.1 Please connect the camera to the power and network cable, then open 

to enter the following interface:



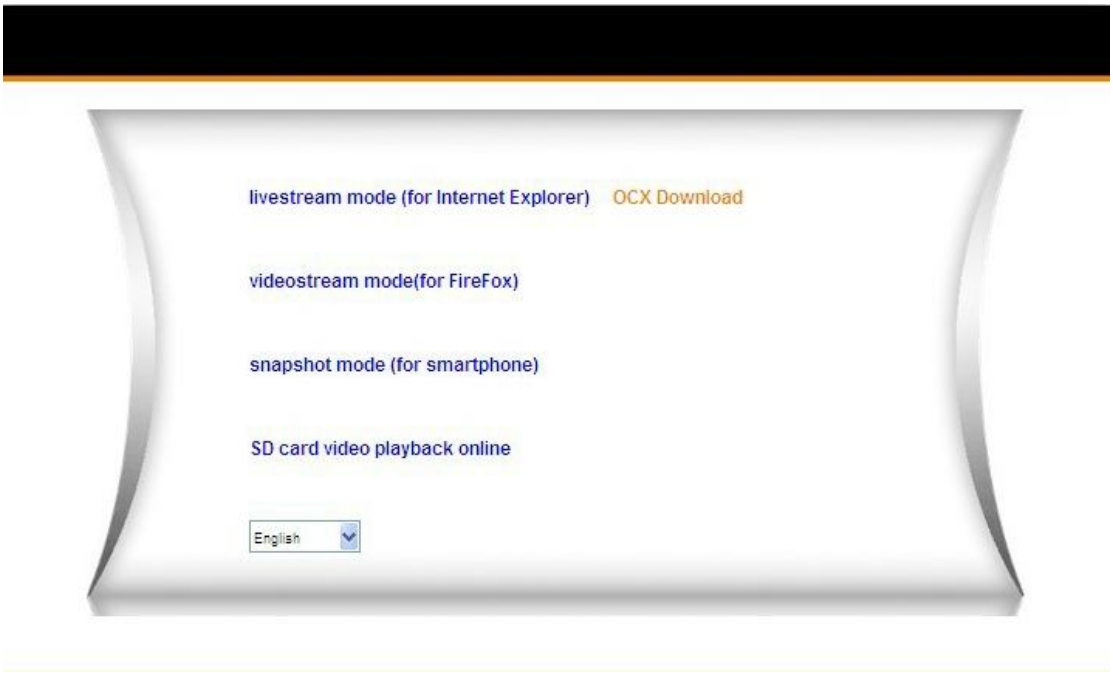
1.2 Then click 

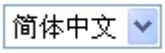
to search online cameras, double click the selected camera:



1.3 Input the user name: “admin”, password is blank. Click 

2. Select Language and Login mode





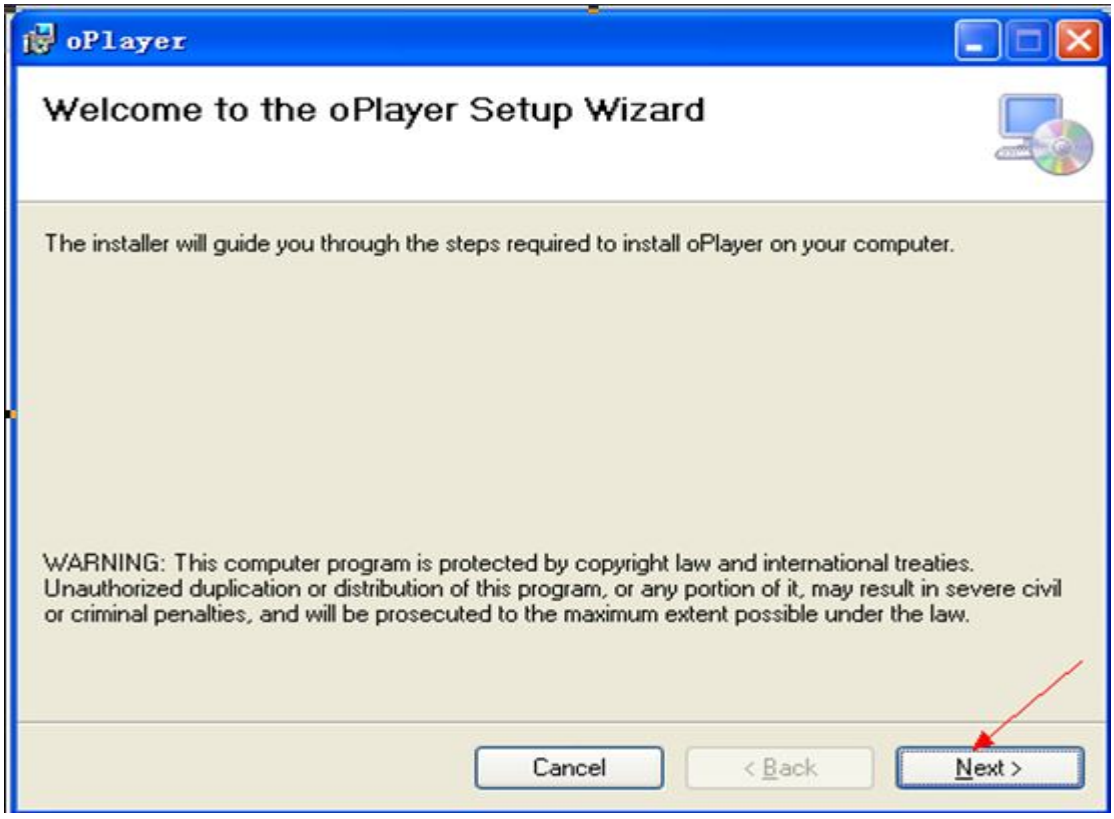
Select language

2.1 Double click the selected mode to enter IE page, It will appear a prompt as below:

2.2 You need to download and install OCX plug-in for first time using IE.

2.3 Click here to Download or open the file to specified folder:

2.4 Install directly after decompression



2.5 Refresh the IE page to watch video after installation

3. Direction for using IE operating interface

3.1 Direction for main interface

：PTZ control

：OSD message

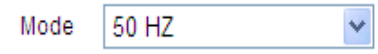
：up and down patrol

：left and right patrol

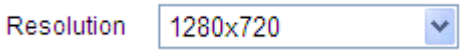
：Flip vertical image

：mirroring image

：IO switch



: You can choose 50HZ or 60HZ to adjust indoor and outdoor mode.

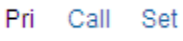


：Resolution adjustment; 720p（1280×720）VGA(640×480) and QVGA(320×240) can be set.

： Frame rate adjustment; 1-30 frame rate can be set

： Adjustable if needed;

Factory default: It's used to restore factory default in case you adjust disorderly



： You can create 16 preset positions


: monitoring, You can listen to the sound from the camera where it is located


: When click both icons, the operator and front of the camera can achieve two-way voice intercom.


: Local video


: Snapshot

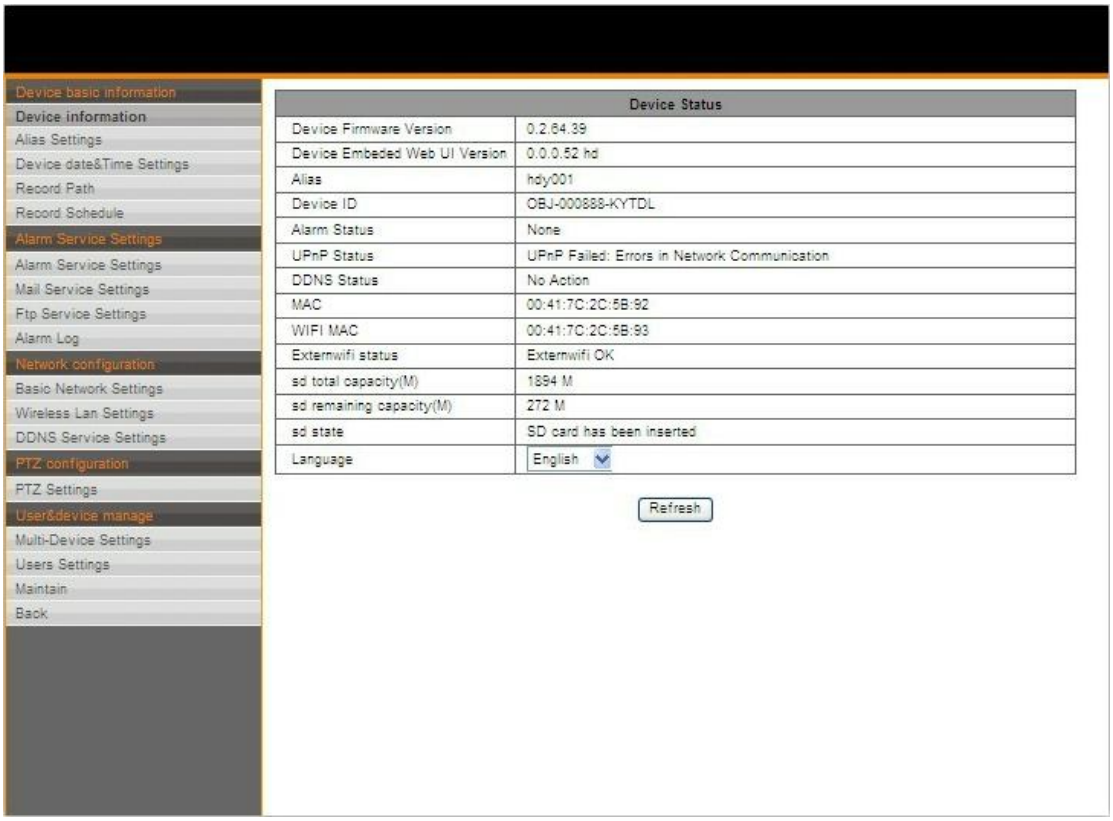

： parameters settings

: Support switching among one screen, four and nine screens

: Adjust the PTZ speed

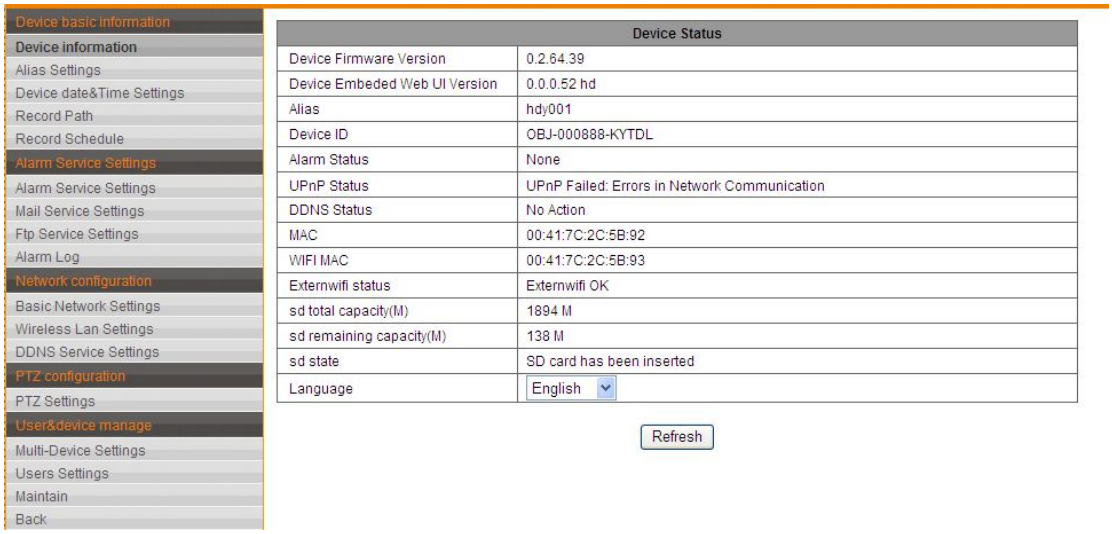
3.2 Basic information

Click  to enter parameter management page in the main interface as follows:



3.2.1 Device information

Click Device information as follows:



Device Firmware Version: The version number of system software

Device Embeded Web UI Version: The version number of application software

Alias: Display the name of device (customers can set the name if they want)

Device ID: That is Factory Series No.

Alarm Status: Alarm status display

UPnP Status: You can see whether the device enabled UPNP function and its state

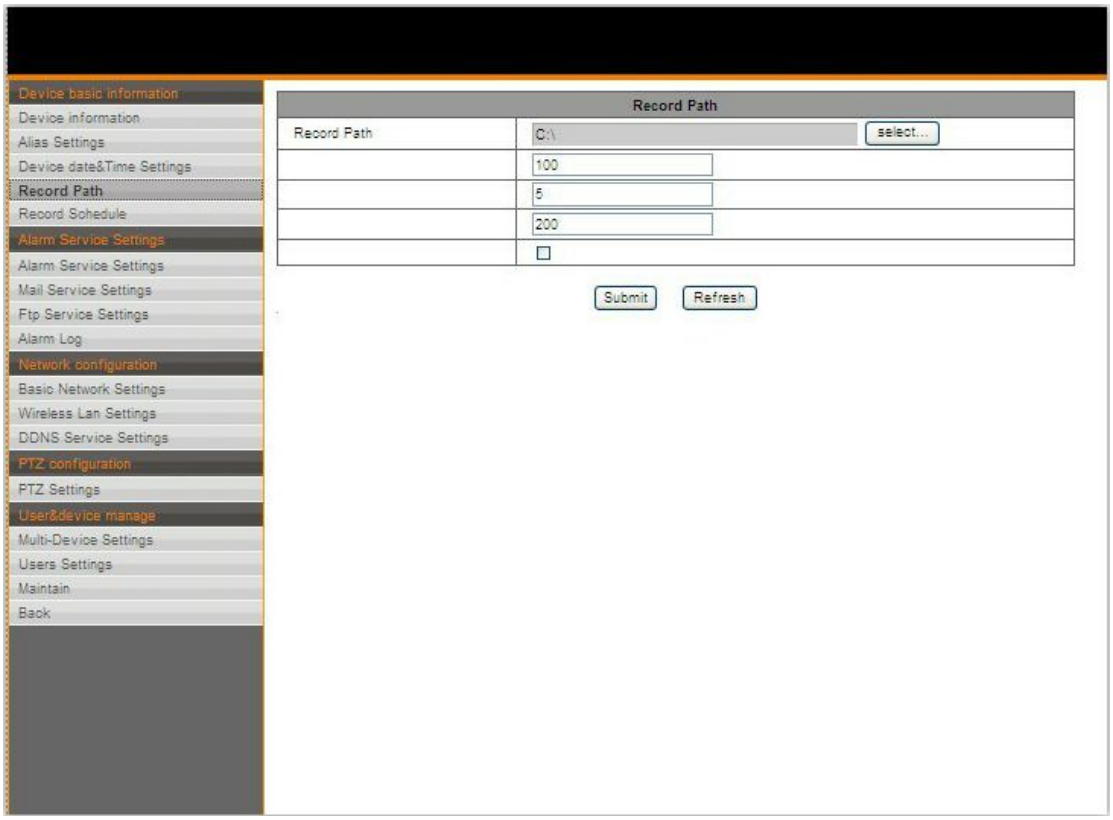
DDNS Status: You can see a prompt of DDNS server if DDNS is set normally,

MAC: Display wired MAC address of the device

WIFI MAC: Display Wireless MAC address of the device

3.2.2 Video path

Click Record Path as shown below:



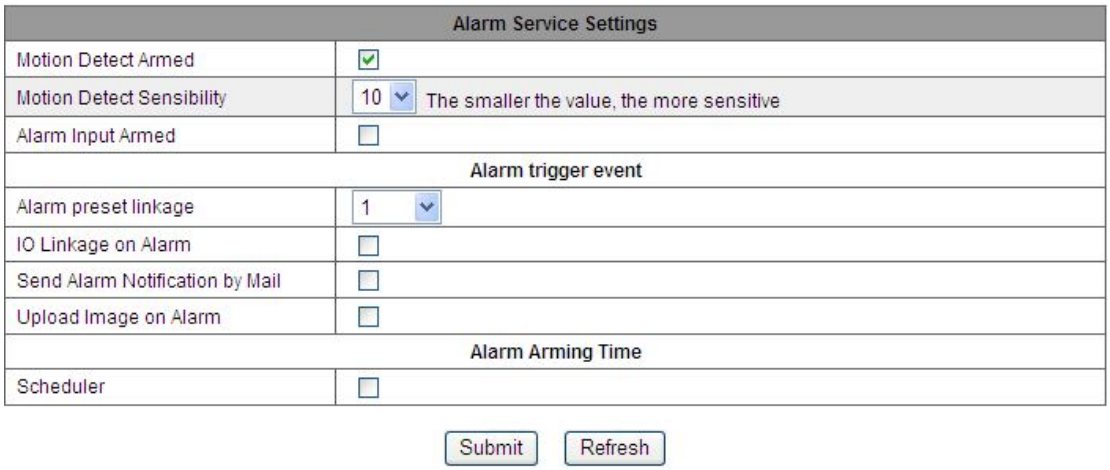
Local videos list: click select... to choose where to store local videos.

3.3 Alarm service settings

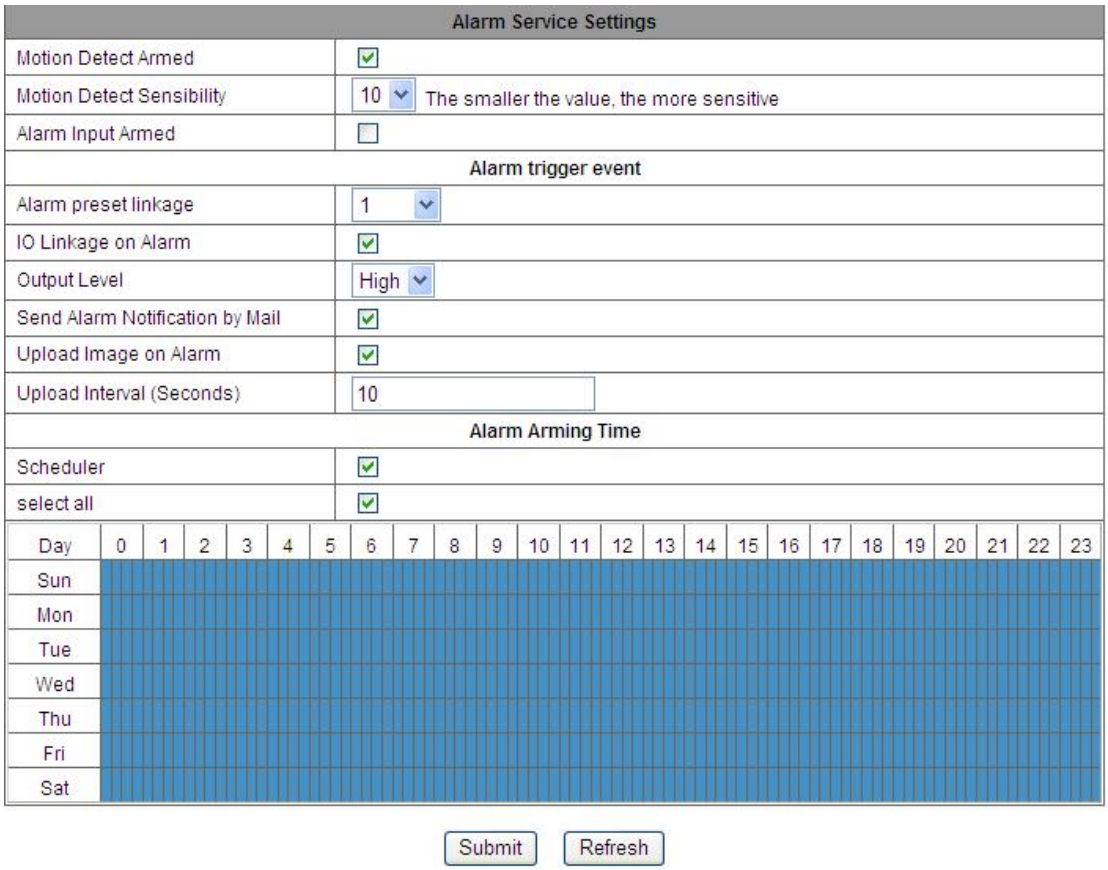
3.3.1 Alarm service

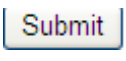
Click Alarm Service Settings as shown below:

Choosing alarm mode: If you select Motion Detect Armed, you will see:



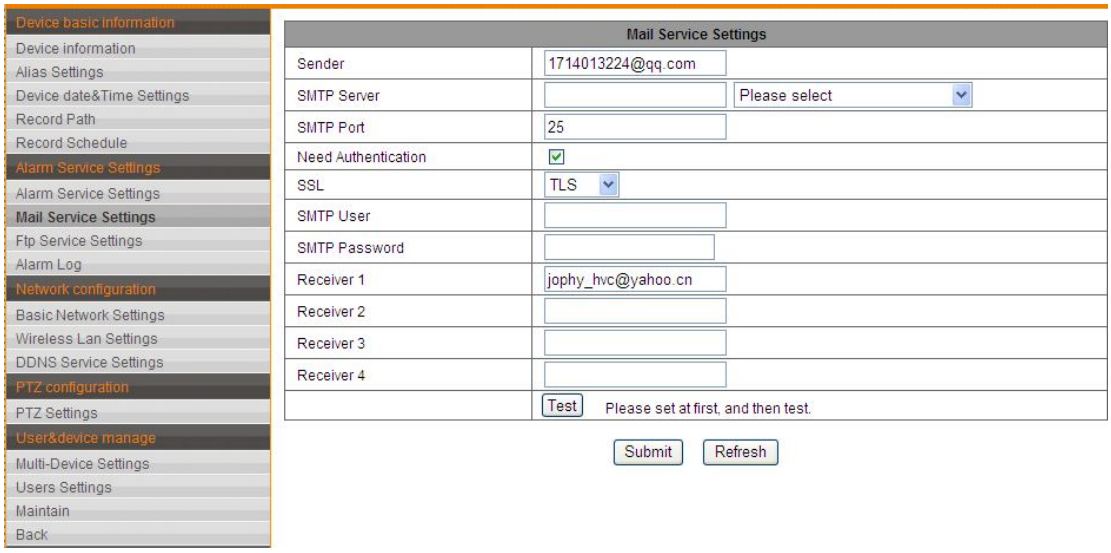
There are some Alarm modes for selection: IO Linkage, sending mails, uploading images, Alarm preset linkage. for example: all-day motion detection Arming, you can set detection sensitivity to 10; it will output high level via liking IO, sending mails, uploading a ftp image every 10 seconds, then aiming at preset position"1"; please see below settings:



Click  to confirm.

4. Mail service settings

Click Mail Service Settings **, the following screen will appear:**



The key feature is E-mail Alarm, if the camera is triggered alarm, it will send alar m messages to your settled email address.

Sender: fill in E-mail address of the sender.

Receiver: Fill in E-mail address to receive Alarm messages.

SMTP Server: Fill in the sender's mailbox website, such as QQ mailbox: smtp.qq.com

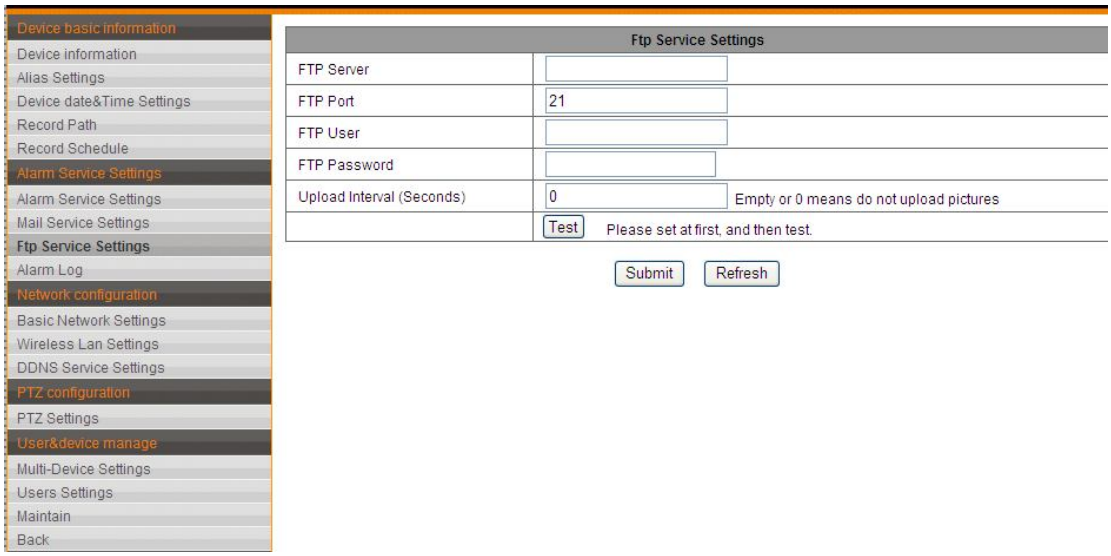
SMTP User: Fill in username of sender's mailbox

SMTP Password: Fill in the password of sender's mailbox

Note: The camera need to connect Internet, if the password of sender's mailbox changed, the camera password must be the same as mailbox password before normal using.

5. FTP service

Click Ftp Service Settings as shown below:



This feature is used to upload snapshots to specified folder on FTP server, it can't be normally used if there is no access to internet.

FTP Server: Fill in URL of the site on which you want to upload

FTP Port: The default is 21

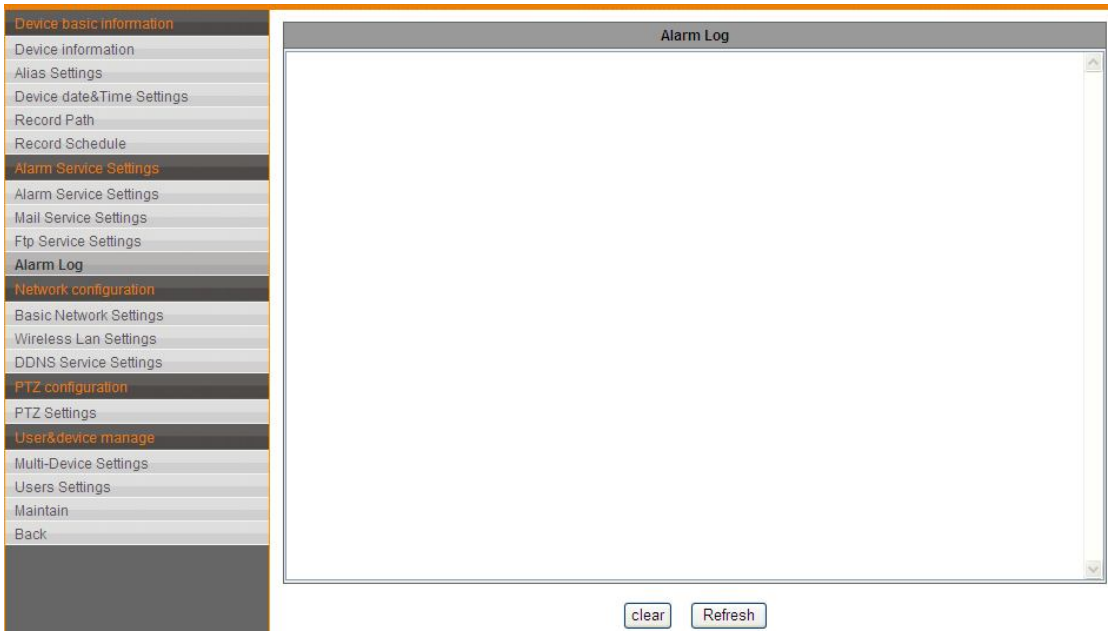
FTP User: Fill in FTP username

FTP Password: Fill in FTP user's password

Upload Interval (Seconds): Automatically and regularly upload capture pictures to FTP (in seconds)

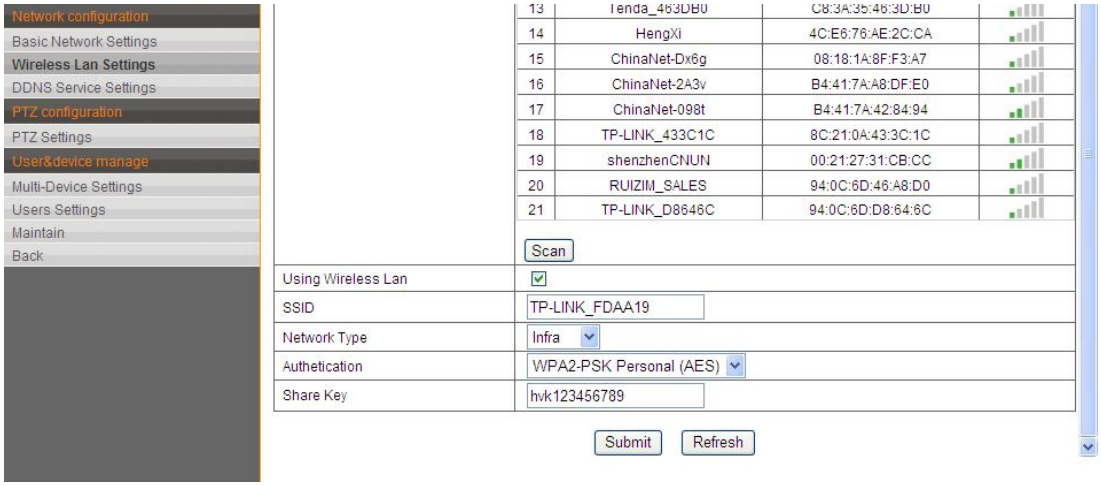
6. Alarm log

Click Alarm Log, you can check alarm information in below blank form:



7. Network configuration

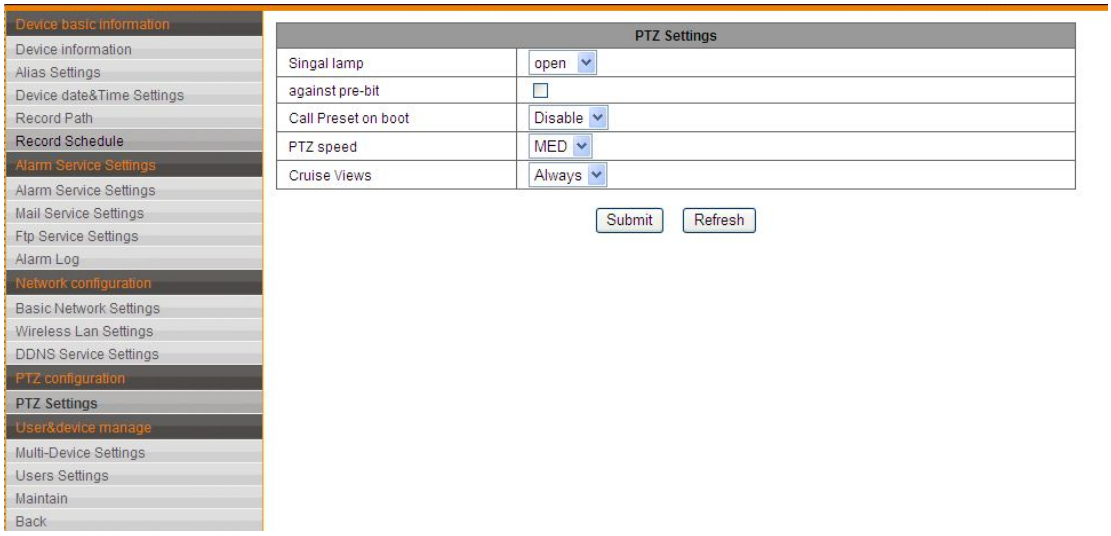
Click Wireless Lan Settings to use WIFI as follows:



Click Refresh to search available wireless network and select one that you want to connect, it will automatically configure as the same way as the wireless router; then entering correct password for verification as required.

8. PTZ configuration

Click PTZ Settings as follows:



against pre-bit: Without preset function when start using.

Call Preset on boot: 0-16 preset positions can be chosen, aiming at matched position when start the device; if it's prohibited, default position is in the center.

PTZ speed: Adjust the PTZ speed

Cruise Views: set and start "up and down "or "left and right" to inspect cruise laps

9. Back

Click Back, It will back to monitoring main interface