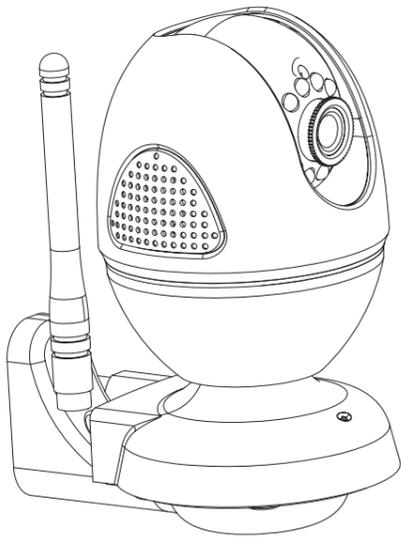


Multi-function Network Camera Instruction Manual HA-8203



Read it carefully before using and safekeeping
P/N:20160929A01 Ver: 2.0

1. Introduction

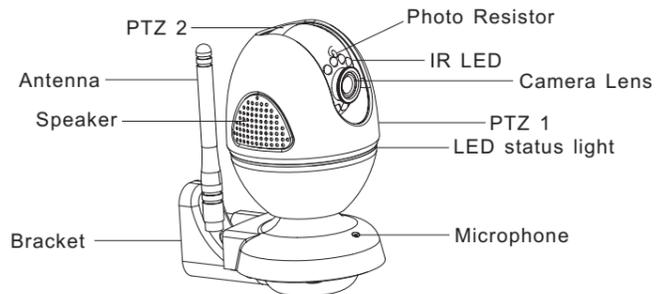
The network camera is integrating the traditional camera and network video server embedded into an digital monitoring system. Based on an embedded Linux operating system. And adopts Hi3518C hardware platform with high efficient and low volume. The system has high performance , good stability and reliability.

2. Open Package Checking

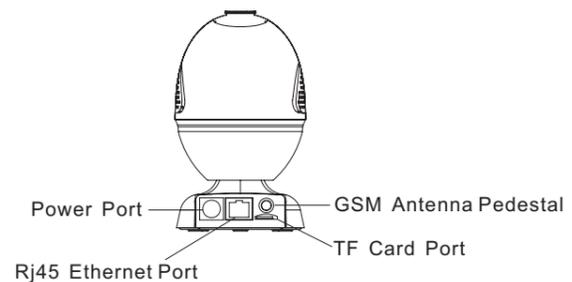
After opening the package, please confirm whether the system are in good condition and verify if or parts are completed .

HA-8203 Camera	1 Set
Bracket	1 PC
Antenna	1 PC
Screw	4 PCS
Green Expansion Screw	4 PCS
USB Supply Cord	1 PC
Instruction Manual	1 PC
Charger	1 PC

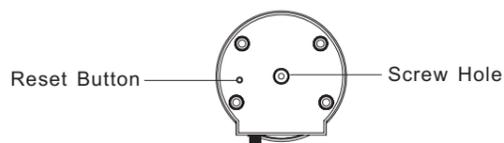
3. Appearance Introduce



The Overall Schematic



The Back Sketch



The Bottom Sketch

- IR LEDs Distance: 3~5m
- LED Status Light: RED ON-ARM GREEN ON-DISARM BLUE ON-HOME ARM (Be triggered no alarm)
- PTZ 1.Auto turn right or left in arm status
- PTZ2.Auto turn up or down in arm status
- TF Card Port. Backup port
- Reset Button. Factory reset setting, using the thimble objects to click the small button.

4. Technical Parameter

- Operating System: Ebedded Linux
- User Interface: IE Brower, Onvif Client, Cms Client, Mobile Client
- Video Format: Main Steam: 960P/720P/D1 25fps Sub-stream: D1/CIF 25fps
- Audio Format: G711A Support dual way voice, built in Mic and Speaker.
- Ethernet Port: 10M/100M adaptive network interface. Wifi port
- Backup Interface: TF Card, Max support 128G (32G above need to config from the webIE and format the SD card)
- Protocol: Meian Protocol, Meian P2P Protocol, Onvif Protocol
- Power: DC7.4V, 2A input

5. Network Connection

5. 1 Wired Cable Connection

Make the wifi antenna connected to the GSM antenna pedestal and make the camera connect to the power, through the Rj45 ethernet port connect to the Router with the wired cable. The computer and camera network connection are on the same Router.

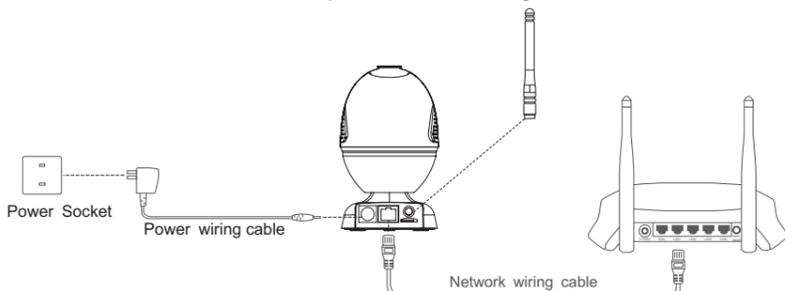
5. 2 WIFI Connection

Completed above 5.1 config. And login the webIE and set the WIFI(7.1.2 set wifi) Then disconnecting the network wiring cable to the Router.

5. 3 GRPS Connection

When the wifi and wiring network disconnecting. The IP camera enable the Gprs network and access to the Meian CMS platform. The detailed setting please refer to manual 8.)

Attention : Router,IP camera and Computer with similar segments.

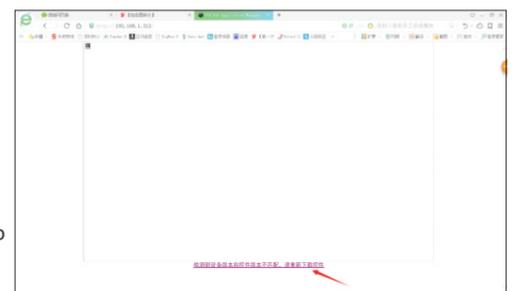


6. IP Camera Login

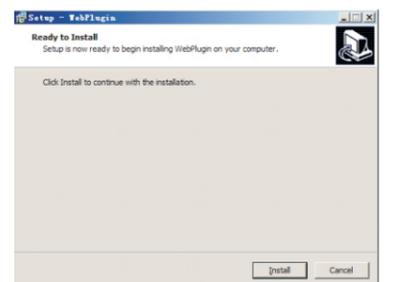
6.1 Login IE

Login the default IP address
http://192.168.1.52 from the webIE and config.

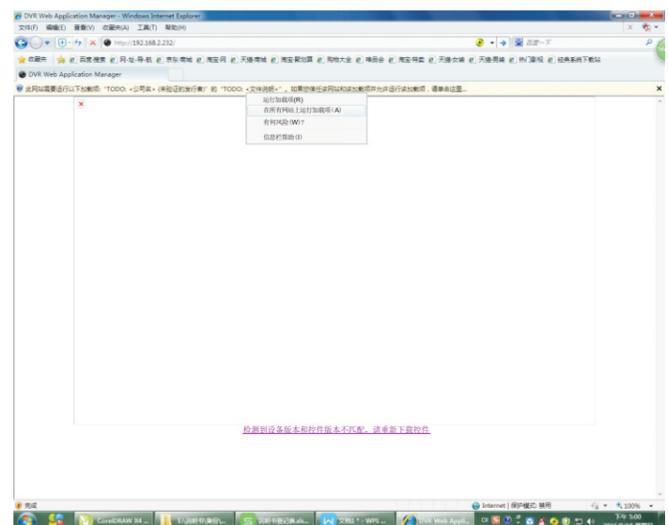
click up the bottom of the green color character, and download the web plugin to the computer then saved



Find the Icon  Right-click to run as the Admin. popup the window and click the install.
Note please close all the browsers before installing the control.



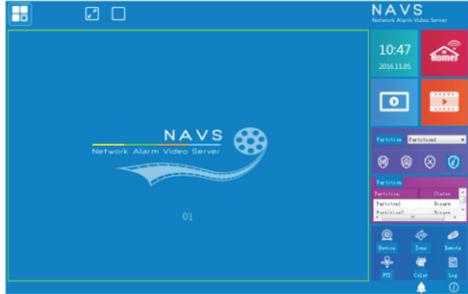
Please login the default IP address http://192.168.1.52 from the webIE again. And click to the run the add-in as below photo.



Login the IE ①input the user name admin, choose the English enter into the main UI②。



①



②

Attention: For IP camera operation of security consideration, please enter into main menu [set system] [user management] to reset the password. Default user name is admin, password is blank.

7. Meian CMS Platform(For Meian CMS Users)

7.1 Set Network

Press the Menu choose the set network③

7.1.1 Basic Setting

User can choose auto obtain IP from the Router. Or set the IP address by the users. The default IP, subnet mask and gate way as below

IP:192. 168. 1. 1.52

Subnet mask:255. 255. 255.0

Gate way:192. 168. 1. 1

Main DNS: the IP of local primary do main name server on network used by the main host.

Sub DNS: the IP of local secondary domain name server on network used by the main host.

If set the static IP address, user can modify the local network parameter according to user current network status.

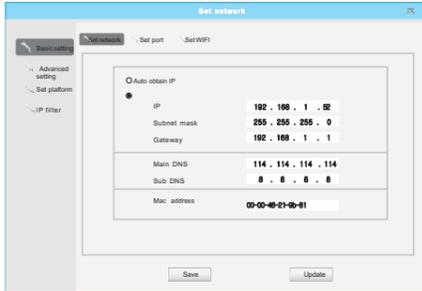
7.1.2 Wifi Setting

Choose set wifi from the basic setting.

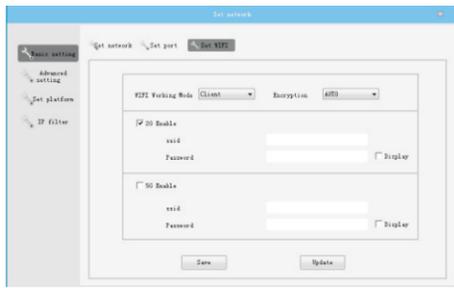
“Wifi working mode” choose “client” ,

encryption “AUTO”,choose “2G enable”

④ssid and password are wifi name and password.



③



④



7.2 Meian CMS Platform Setting

Set Platform/Connect Platform,input the 7974 from main alarm CMS port/sub alarm CMS port.Input the ID and password saved the setting and restart the system. Open the computer CMS Client. If user device show blue/green/black all in online status.

Address: The installation address of the zone. In order to facilitate to know the alarming address asap.

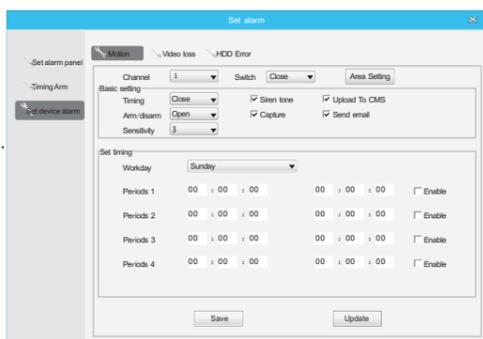
Alarm type	burglar	delay	perimeter	24H	emergency	fire	disabled
ARM	✓	✓	✓	✓	✓	✓	X
HOME ARM	X	✓	✓	✓	✓	✓	X
DISARM	X	X	X	✓	✓	✓	X



“ ✓ ” IP camera will give alarm when the type of alarm is triggered
“ X ” IP camera will not give alarms when the type of alarm is triggered
By default, the wireless zones are effective while the wired zones are all disabled.
The siren type can be set according to the requirements. It is recommended to set different siren sounds in accordance to different alarm types.

11. Motion Detection

Move the cursor to the Menu and choose set alarm/Motion Detection. The IP camera will automatically take proper actions in respond to the changes of the screen status. E.g. Someone is passing and lenses are moved. It can set arming and disarming time, detection sensitivity, and detection areas. When it is triggered. It will link the video recording, alarm output, and rotation of camera to its proper preset position.



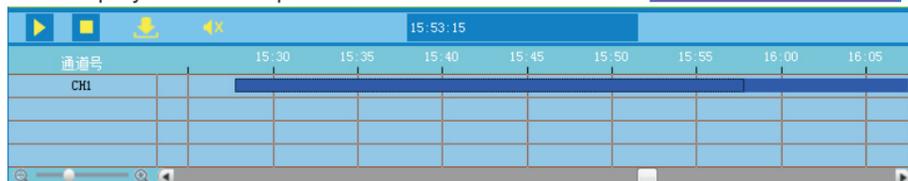
12. Video Playback

Move the cursor to the icon . And left click the mouse button to enter the playback.

The upright of the date if shown in red character means have the recording video in that day.

Choose the play channel and recording type.

It will display the blue strip in the bottom of the interface.



13. Installation

13. 1 Vertical Installation. twist the wifi antenna to the GSM antenna pedestal, screw the bracket on the wall, then fix the camera to the bracket with screws. In this installation, user need to set the mirror setting from the webIE.

13. 2 Inverted Installation. Make the camera standing upside down(similar as above)

8. GSM/GPRS Setting

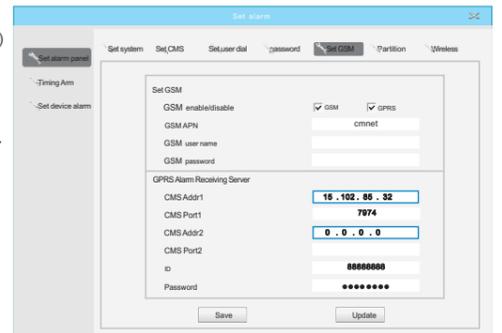
In the power cut status(including battery) insert the SIM card. Restart the system and enter into the webIE, move the cursor to the menu and choose set alarm/set GSM. Choose GSM and GRPS. GPRS alarm receiving server as below.

CMS ADD 1: The server IP address

CMS PORT 1: 7974

ID and password created by the server admin user keep saved. When the internet work

normal, the internet is superior. When the internet cut, Gprs auto connect the CMS.



9. Wireless Remote Controller Setting

Move the cursor to the icon “” enter into the remote setting, press add button to add the remote. Or choose one of the remote No. And edit the remote.

Add: add wireless remote controller to the IPC

Remote: Can add remote max 8pcs

Enable: Enable the remote function.

ID: trusted identify ID used by the remote to communicate with the IP camera.

(ID shown on the back bottom of the remote)

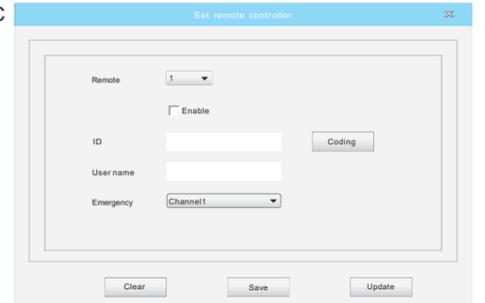
User can input the ID manually.

Coding: trigger the any button of the remote and enter into the auto learning code mode.

User Name: the remote user, mainly facilitate to know whose people arm/disarm the system.

Emergency: linkage channel video alarm as soon as trigger the emergency button from the remote.

Note: Emergency linkage only alarm once triggered by the remote. It will popup the linkage video from the IE, intranet client, Meian CMS client.



10. Zone Setting (HA-8203+Fortune-1 System)

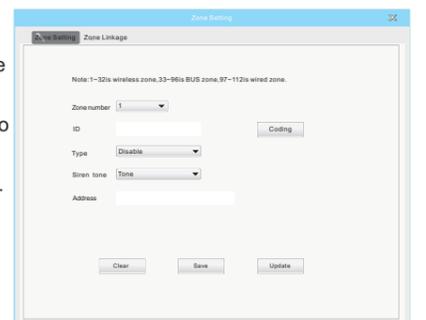
Move the cursor to the icon “” enter into zone setting. The IPC have wireless zones (1-32), bus zones(33-96),wired zones(97-98). Choosing the corresponding zone and add the devices.

ID: trusted identify ID used by the wireless devices to communicate with the IPC.(ID shown on the back bottom of the devices) User can input the ID manually.

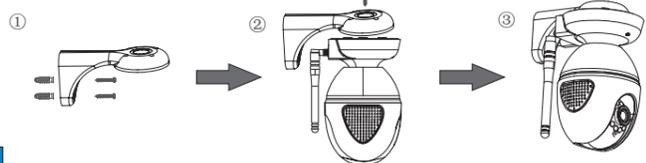
Coding: trigger the coding button of the wireless device and enter into the auto learning code mode.

Type: The type of the zone alarming

Siren Tone: Weather if have siren tone as soon as zone alarming.



Invertical Installation :



Mirror Setting (Vertical Installation) :

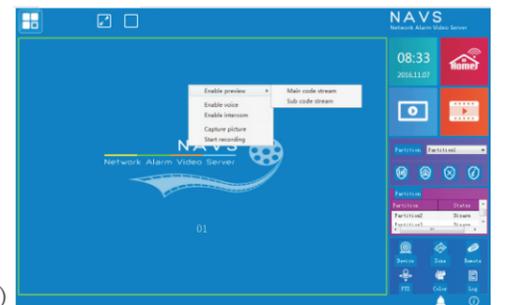
Click the icon “” as left picture⑤, choose CH1, and pop up the set channel page, set mirror as all filp and saved.



⑤

14. Listening in&intercom Function

Move the cursor to the video image area and click up the right button from the mouse. It can set enable preview(main steam and sub stream), enable voice (listening in), Intercom, capture picture, recording etc.



15. Mobile APP (Combo Application)

Scanning the QR code from the camera or search the IP address from the mobile app. It can realize real time monitoring, historical playback, device remote control etc.

Combo Product	APP Name
	Smart monitor QR Sample
+	Smart monitor 192.168.1.52
+	ST-Panel 192.168.1.52

Notice: If the IPC standalone to use.

It will have voice prompt to notice the user: the alarm control panel is lost.

To cancel the voice prompt please enter into below setting.

Main Menu/Set Video/PTZ setting/

Parity bit choose odd.

