

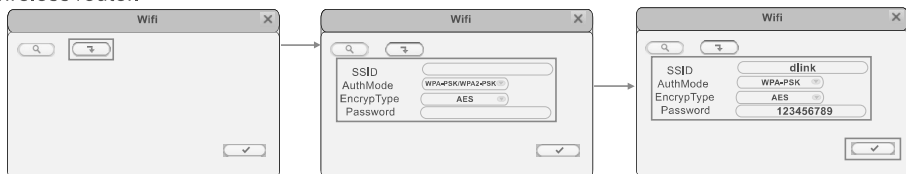




1) Click/touch “” and available wireless devices will be shown on the list. Choose one and click/touch it, if the wireless password of the wireless router is enabled, it pop-up a window to enter the password of the wireless router, input the correct password and setting ok, the indoor device will reboot automatically, it will be connected to the wireless router after starting. Now the wireless function of the indoor device has been activation and works normally.

2) Click/touch “” to enter the interface as follows, input the correct information about the wireless router.



[SSID]: Input the effective wireless router SSID.

[Password]: If the password of the wireless router is enabled, the option should be adjusted to “”.

[AuthMode]: Options include “WPA-PSK/WPA2-PSK” and “NONE”.

[EncrypType]: Options include “AES” and “TKIP”.

[Key]: Input the password of the wireless router.

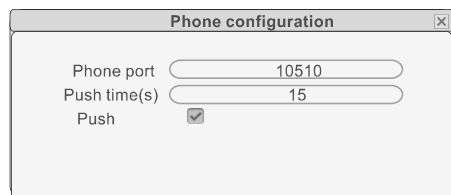
Click “” to save, restart the indoor device manually and the wireless function of the device will take effect.

C. UPNP

“” indicates UPNP is enabled.

D. Mobile Phone

Click/touch “**Mobile Phone**” to enter the mobile settings menu.



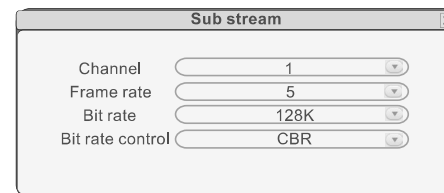
[Phone port]: Mobile monitoring port. In this field, enter the relevant mobile port. The range for server ports is between “1024” and “65535”. The default is “10510”.

[Push time(s)]: From this field, set up delay duration time of alarm push for visitor calling when nobody answers on the indoor unit, and values can be set up from 0 to 30s. For example, to select 15s, if visitor presses the call button on the outdoor camera, the message will be pushed onto the master’s phone after 15 seconds when nobody answers on the indoor monitor.

[Push]: “” indicates the push function is to be enabled.

E. Sub Stream

Click/touch “**Sub Stream**” to enter the Sub stream menu.



[Channel]: After clicking/touching the “**Channel**” tab, users can modify the settings of the camera connected to the selected channel. Users can modify the parameters of each channel independently.

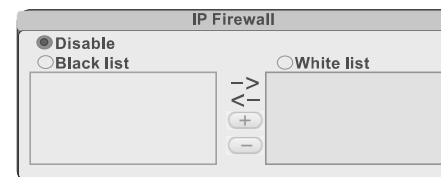
[Frame rate]: For the PAL video output format, options include 5-25 frames. For the NTSC video output format, options include 5-30 frames.

[Bit rate]: There are 5 options: 64K, 128K, 192K, 256K and 384K.

[Bit rate control]: There are two modes for bit rate control: VBR and CBR. If users choose CBR mode, the video encoder will encode according to the bit rate you have selected. If users choose VBR mode, the video encoder will consider to the image quality and encode according to the bit rate have been selected, but not strictly according to this bit rate. Suggest VBR mode.

F. IP Firewall

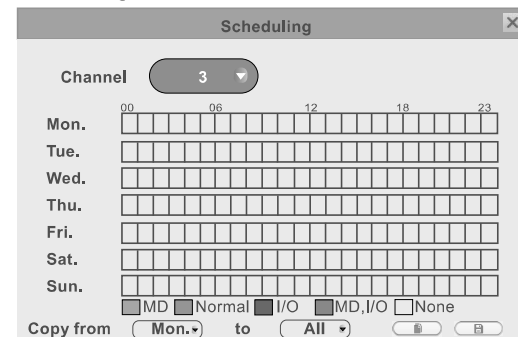
Move the cursor over “IP Firewall” (the icon will be highlighted when selected), and single-click to enter the IP Firewall menu.



The options for IP access settings are: “disable”, “Black list” and “White list”.


2.4.4 Record Scheduling

Click “Setup”—“Scheduling”(the tab will be highlighted when selected) and single-click/touch to enter the “Record Scheduling” menu.







[Channel]: Users can select channel 1, channel 2, channel 3 or channel 4.



There are five modes for recording: “MD”, “I/O”, “Normal”, “MD, I/O”, “None”. Different colors are used to identify the different recording modes: Orange refers to “MD record”, black red refers to “I/O record”, green refers to “normal record”, red refers to “MD&I/O record”, gray refers to “no record”.

To set up weekly schedules, click/touch on the box of the recording status to be used (Alarm, Normal, or No record) and then click/touch on each box in the schedule time-line that this recording status is to be applied to. See the “Scheduling” screenshot in the preceding figure. Each gray block represents one hour on a 24-hour clock, i.e. the first block(next to each day of the week).represents the hour from midnight-01:00 AM and the last block (below the “23” on the right hand side of the screen) represents the hour from 11:00 PM-midnight. After setting up the record schedule, click/touch the “” button at the bottom of the screen to save it.

Alternatively, left-click and drag the frames of the boxes in the schedule timeline where you want to.

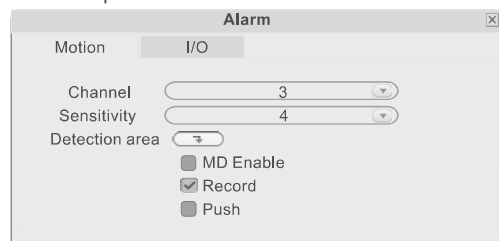
Another way to set up schedules is to create a schedule for one day of the week, and then use the “Copy from” and “to” dropdown menus and “” copy button settings to apply the setting from one day to another day or a series of up to all seven days of the week. To do this, first create a schedule for one day. Then, from the “Copy from” dropdown menu, select the first day of the week that the schedule should apply to. Next, from the “to” dropdown menu, select the last day of the week that the schedule should apply to, and click “” copy button. For example, to set a schedule where the device uses MD recording from 2:00 AM until 1:00 PM, and normal recording from 1:00 PM until 10:00 PM on Tuesdays, Wednesdays, Thursdays, and Fridays, the process would be as follows:

1. Click the orange box at the bottom of the screen to select “MD record.” Then, in the row of gray boxes next to the “TUE.” box, click all of boxes from the third box from the left to the box under the “12” at the top of the timeline(the box directly under the “12” should be selected) in order to select the hours between 2:00 AM and 1:00 PM.
2. Click the green box at the bottom of the screen to select “normal record.” Then click all of the boxes in the same row from the box immediately to the right of the box under the “12” at the top of the timeline to the third box from the right to select the hours from 1:00 PM-10:00 PM.
3. The preceding steps set a schedule for Tuesday, which can now be copied to Wednesday, Thursday, and Friday. To copy it, from the “FROM” field, first select “Tues.”
4. In the “To” field, select “Fri.” and then click “” copy button.
5. To save this schedule, click the “” button at the bottom of the screen.

Regardless of whether the schedule is set for each day individually or by copying one schedule to multiple days of the week, it is necessary activate it by clicking the “” button. Without clicking the “” the schedule will not take effect.

2.4.5 Alarm

Click “Setup”—“Alarm”(the tab will be highlighted when selected) and single-click to enter the “Alarm” menu. “Alarm setup” include “Motion” and “I/O”.



2.4.5.1 Alarm--Motion


To enter motion setup, the dialog window where Sensitivity, MD Area, Enable Switch, record settings and Push Switch can be set will appear.

[Channel]: In this field, select the channel to be set up.

[Sensitivity]: Each channel has a specific sensitivity setting; there are eight levels, with “1” being the highest level of sensitivity; left-clicking to adjust the level.

[Detection area]: Sometimes, it is necessary to have some regions in the camera's coverage area enabled with the motion detection feature, while other regions in the same coverage area do not require this functionality. This may be handy when, for example, the camera covers the road and an adjoining area. While it would be useful to have the motion detection enabled on the area near the entrance to a building, it would most likely not be helpful to see it triggered every time a car or truck passes by on the nearby road. Each channel has a specific regional motion detecting setting.



Left-click or touch “”. When viewing the selected channel's coverage area using the MD Area option, the blue area is where motion detection is activated, and transparent block is the area where motion detection is not activated.

Left-click/touch and drag the frame to set up the region for motion detection.

[MD Enable]: Each channel has a corresponding channel switch. “” indicates that the motion detection alarm of the selected channel is enabled.

[Record]: “” indicates that the selected channel will record if it has been triggered by motion.

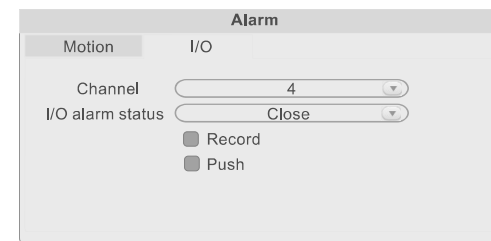
Note: To select the option, please make sure that a SD card has been already inserted into the video data can be stored onto the SD card normally.

[Push]: “” indicates that a detection information will be pushed to user's phone if the selected channel has been triggered by motion.

Note: Please make sure that the indoor monitor and user's phone are both connected to internet.

2.4.5.2 Alarm-I/O

To access the “I/O Alarm” menu, a dialog window where the I/O Alarm Status, Alarm Output, Record and Push settings can be set will then appear.



[Channel]: From this field, select the channel(3 or 4) to be set up.

[I/O alarm status]: Each channel corresponds to an I/O status (see the following status explanations), which means that when an alarm is triggered, it will activate the corresponding channel to start alarm recording or alarm push.

I/O status types:

Open: set the I/O to “open”, by default **NO**(Normally open), it means that in its normal state, the sensor is kept under constant low voltage. If the output voltage changes from low to high, then the alarm will be triggered.

Close: Set the I/O to “Close” if external sensor alarms are not in use.

[Record]: “” indicates that the relevant channel will record if it has been triggered by activity detected by the sensor.

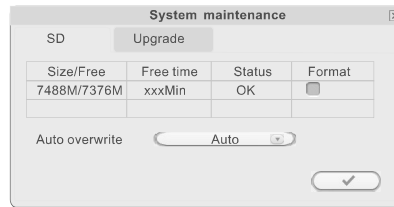
Note: To select the option, please make sure that a SD card has been already inserted into the video data can be stored onto the SD card normally.

[Push]: “” indicates that an alarm information will be pushed onto user’s phone if the selected channel has been triggered by activity detected by the sensor.

Note: Please make sure that the indoor device and user’s phone are both connected to internet.

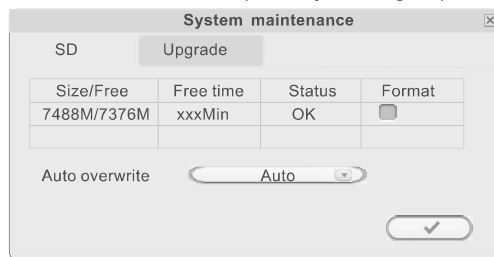
2.4.6 Maintenance

Click/touch “Setup”—“Maintenance” to enter the “System Maintenance” menu. Options include “SD Management” and “System Upgrade”.



2.4.6.1 SD

To enter the “System Maintenance”, select “SD” (see adjacent figure).



[Size/Free]: This field indicates amount of space available and the amount of unused space available on the SD card.

[Free Time]: Indicates remaining recording time on the SD card.

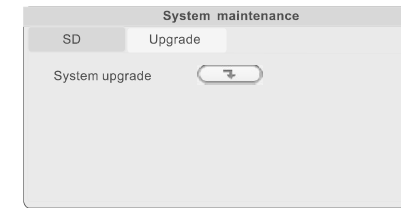
[State]: There are three available statuses: “OK” and “No SD”. If a new SD card is used with the device for the first time, please format the SD card.

[Format]: Move the cursor to select the device to be formatted, “” indicates the option of “format” is enabled, and click/touch “” to begin formatting.

[Auto overwrite]: Options Include “Disable and Auto”. If a user chooses “Disable”, the recording stops when the SD card is full. Once the SD card is full, it will not record again until “overwrite” is enabled. If a user chooses “Auto”, recording continues and overwrites previous recording when the SD card is full.

2.4.6.2 Upgrade

To enter the “system Maintenance”, select “upgrade”(see adjacent figure).



Create a new fold called “ivrupgrade” on a SD card, if the capacity of the SD card is less than 64GB, its file system must be **FAT32**; and if the capacity of the SD card is more than 64GB, its file system must be **exFAT**, copy the update file to it, and then insert it into SD port of the device. Click/touch “” to upgrade the firmware and it will display the process of the system upgrade.

Note: The system upgrade will require at least five minutes; during this time, do not remove the SD card or turn the device disable. After completing the upgrade, the device will restart.

2.4.7 User

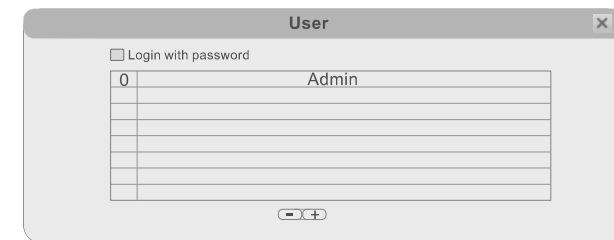
Left-click or touch “Setup”—“User” to enter the “User” menu. In this field, a password for accessing the indoor monitor system can be set or changed.

“ Login with password” indicates the password is enabled, and user must input the correct password to login the system.

After the password verification is set up (marked “”) the Administrator can set up to seven user passwords, as well as an Administrator password. If the password function is enabled, it will be necessary to enter the password before logging in.

Note: Once the password has been enabled, it is necessary to log in to the system as “Admin” in order to manage users; The Administrator’s username (“Admin”) cannot be modified.

The default password for Admin is “888888”.

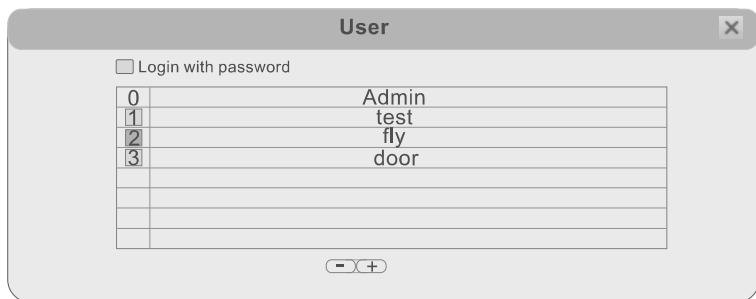


The following settings can only be set by the system administrator (who will be referred to throughout this manual as “the Administrator”; the username for the system administrator is “Admin”).

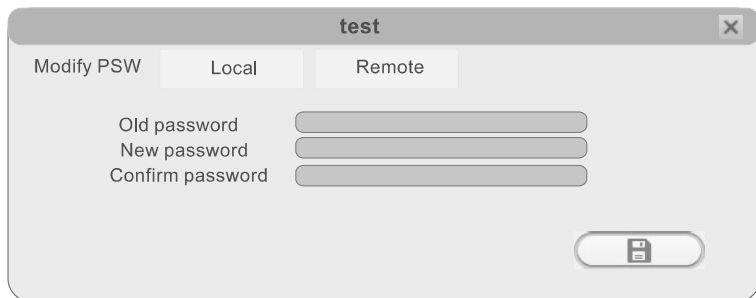
[Add Users]: Click “” to add new users. In this window, enter the new user’s name and password in the corresponding fields, and then to confirm the password, enter it a second time in the “Confirm Password” field. The length of the password must not exceed 6 digits. And user can add seven users at most. Click “” to save.



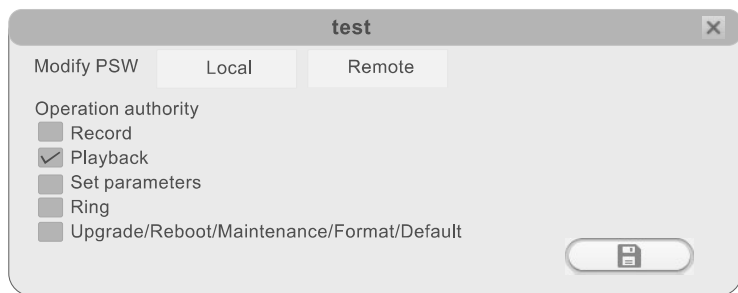
[Delete Users]: From this window (see the following figure), the Administrator can delete users (the color of the user has been selected will be yellow) by selecting the user of the user account to be deleted. And click/touch “” to enter the window to confirm.



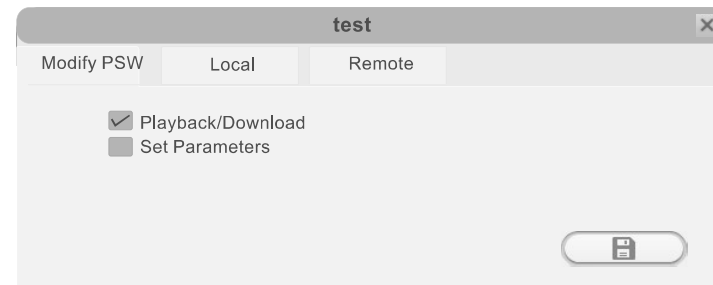
[Modify Password]: Select a user to enter the interface to modify user's password. From this window, the Administrator can change the system's password. For security reasons, before a new password can be set, it is necessary to enter the original password.



[Local Permission]: This allows the Administrator to give each user its permission to access a unique set of indoor monitor functions. That is, the Administrator can give a user access to one, some, or all of the following functions: Record, Playback, Set parameter, Ring, and Upgrade/Reboot/Maintenance/Format/Default, and the set of functions that one user is allowed to access may include functions that are different from the set of functions that another user is allowed to access (see the below figure).



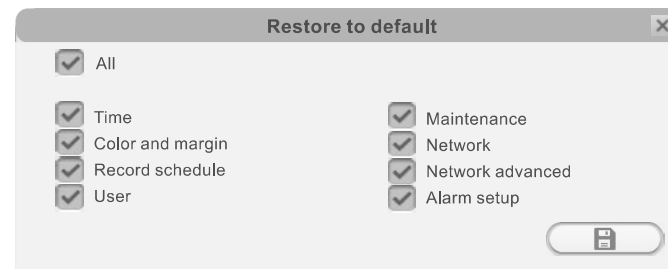
[Remote Permission]: This is a very important function for remote operation of the indoor monitor. The Administrator can use this function to set each user's remote access permissions, such as access to Playback/Download, Set Parameters and PTZ Control from a computer that is not on the local network (see the following figure).



Note: “” indicates that authority is enabled, “” indicates that authority is disabled. Click/touch “” to save, click/touch “” to exit.

2.4.8 Default

Left-click or touch “Setup”—“Default” to enter the “Restore to default” menu. The system restores the default configuration status in the factory, and corresponding setting can be resumed based on options on the menu. User can select “All” to restore all the settings to the original factory settings. The options include: Time, Color and margin, Record schedule, User, Maintenance, Network, Network advanced and Alarm setup. Prompt: The port and language can't be resumed.



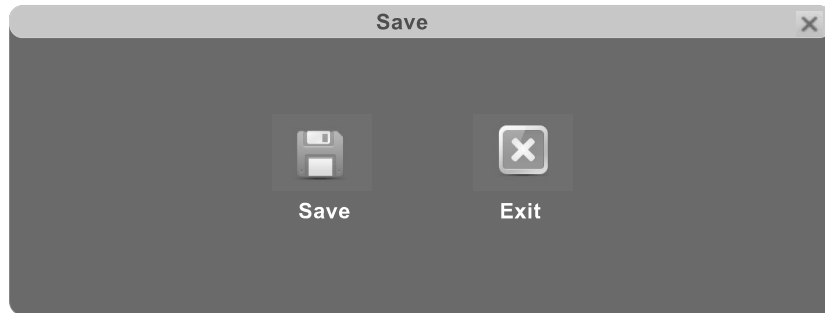
2.4.9 Information

Left-click or touch “Setup”—“Information” to enter the “Device information” menu. The information included accessible through this interface includes: the device ID, the software version, the release date and the QR code.



2.4.10 Save/Exit

On the “Configuration” menu, right-click or click/touch “X” to enter the “Save” menu.



[Save]: Save all settings and exit the menu.

[Exit]: Exit the menu without saving any changes.

3. Web Browser Operation

3.1 Feature

Install the software through the Internet browser of OS to conveniently operate the network from a remote location. This device supports C/S, B/S, and access in LAN and WAN. It also supports IP and domain name visiting.

IMPORTANT! SOFTWARE RECOMMENDATIONS:

To ensure reliable remote viewing of IVR footage, it is highly recommended that users have either Windows XP, Windows 7 or Windows 8 installed on their computers, and that they use either Internet Explorer 6.0, Internet Explorer 7.0, Internet Explorer 8.0, Internet Explorer 9.0, Mozilla Firefox, or Google Chrome as their Internet browser. (In the appendix, there is an explanation of how to access the indoor unit using Firefox or Google Chrome.)

3.2 Network Security Setting

Prior to setting up remote access, set the network security level by following the following instructions:

- (1) Open the Internet Explorer browser and click the “Tools” tab located in the bar at the top of the browser; from the drop-down menu, select “Internet Options”.
- (2) Click the “Security” tab in the dialogue box
- (3) Click “Custom level” (at the bottom of the dialogue box) to set the security level. .

Set the appropriate settings for the ActiveX controls and plug-ins. Find the following controls in the “Security Settings” box and select the “Enable” option for each of them. This is an extremely important step.

- * Automatic prompting for ActiveX controls.
- * Binary and script behaviors.
- * Initialize and script ActiveX controls not marked as safe for scripting.
- * Download signed ActiveX controls.
- * Download unsigned ActiveX controls.

* Run ActiveX controls and plug-ins.

* Script ActiveX controls safe for scripting.

Prompt: Before setting up remote access, turn Disable the firewall and any anti-virus software currently running on the computer.



3.3 Connection Settings

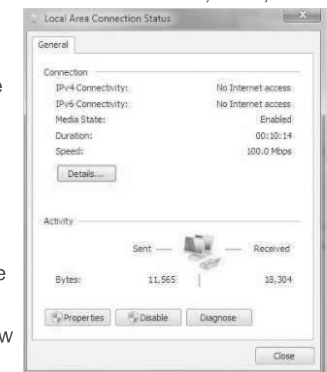
Remote access to the IP video door phone is carried out over the Internet. In the local area network, the IP address of the client-side computer must be in the same network segment that the IP address of the IP video door phone. In the wide area network, the only requirement is that the two sides can visit the public network and connect to the Internet through the IP address or the dynamic domain name. The following will mainly focus on connecting and setting up the local area network.

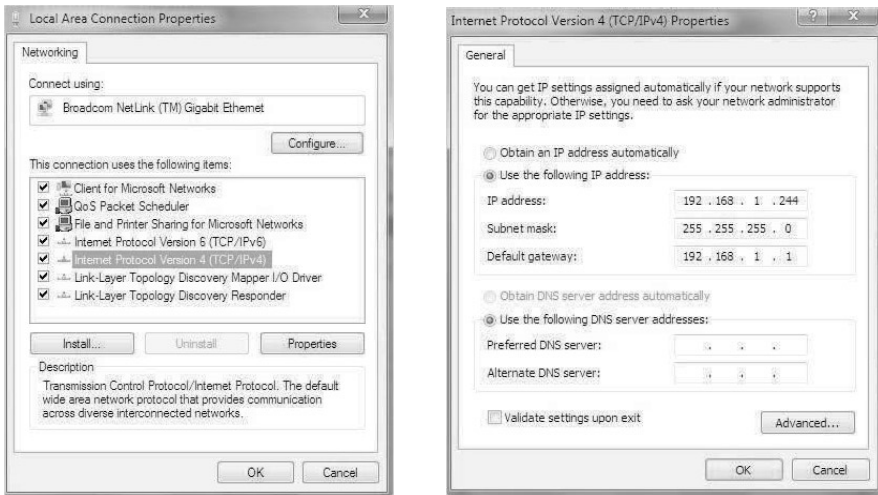
Step 1: Right-click on “Network Neighborhood” and click “Properties” in the menu to open the “Network Connections” menu. Alternatively, if the operating system being used does not have a “Network Neighborhood” icon, enter the Control Panel found in the “Start” menu; then, click “Network and Internet”, and select “Network and Sharing Center.” On the “Network and Sharing Center” page, there should be a “Network” section; in that section, there should be a “View Status” link next to a listing that reads “Connection: Local Area Connection.” Click the “View Status” link. A small “Local Area Connection Status” window will appear; at the bottom of this screen, click “Properties”, and if prompted to give permission to continue, click “Yes.”

Step 2: Double-click to open “Local Area Connection” from the “Network Connections” menu.

Step 3: Click “Properties” in the lower-left corner of the window (see preceding figure).

Step 4: Double-click “Internet protocol (TCP/IP)” from the “This connection uses the following items” list in the center of the window (see preceding figure).





Step 5: Examine the IP address, subnet mask, and default gateway on the PC.

Step 6: Set the corresponding IP address, subnet mask, and default gateway on the indoor unit (for detailed instructions, refer to [Section 2.4.2 Network Setup](#)). If the subnet mask and default gateway on the indoor unit are the same as those of the computer, then the IP address is most likely in the same network segment. However, they must not be exactly the same as the ones on the indoor unit, as this will cause IP address conflicts. Taking the preceding figure as an example, the IP address should be: 192.168.1.X, where X cannot be 244 or 1 (including other IP addresses currently being used), and cannot exceed 255, as the subnet mask is 255.255.255.0, and the gateway is 192.168.1.1.

3.4 Control Download and Installation

After the aforementioned settings have been adjusted and saved, open the Internet browser, enter <http://192.168.1.X> (192.168.1.X is the set IP address of the indoor unit) and confirm. If the http port of indoor unit setting has been changed (if it is not "80"), it will be necessary to add a ":" followed by a port number. For example, assuming that the current port number is "P", enter "http://192.168.1.X:P", to correct the problem.

After connecting to the internet, Internet Explorer (or other Internet browser being used) will automatically download the file to the computer as follows. Click "Install".



The system will automatically enter the GUI as follows.



Select the English interface from the upper left side. Enter the correct password if a password has been enabled. The password is the same as the one set in indoor unit.

[USER ID]: In this field, enter the username. The default is **Admin**.

[PASSWORD]: The password is as the same as the password for the indoor unit. The default is **888888**.

[NETWORK]: MAIN STREAM or SUB STREAM.

[Open Preview]: enable to view all the cameras automatically after the login. means that user needs to connect all the cameras manually after the login.

Note: If the device is connected to the WAN, the IP address should be a public IP address.

3.5 Operation Interface

Options in the main interface include "LIVE", "PLAYBACK", "REMOTE SETTING", "LOCAL SETTING" and "LOGOUT." Click any option to access it.

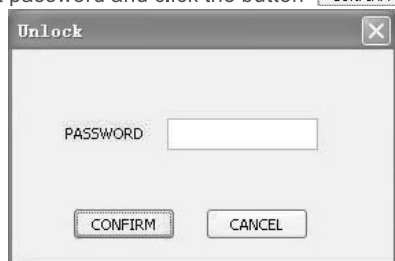
3.5.1 Live

Click "Live" to enter the interface as follows (in some cases, it will be necessary to click "▶" to open images from the indoor monitor).



The left bottom corner of each individual channel is occupied by camera view tools:

- : Connect the current window view or close the current window view.
- : Start recording or stop recording of the current channel view. And the right bottom corner of the current channel has a normal recording video symbol .
- : Takes a snapshot of the displayed image.
- : Increase or decrease brightness.
- : Increase or decrease image contrast.
- : This indicates that the channel has detected motion while in motion-detection mode of the remote indoor unit.
- : Unlock for the door machine. Click this button to access the “Unlock” window (shown as below), input the correct password and click the button to confirm.



3.5.2 Controls

To use the controls, move the cursor over the icons, which will become highlighted when selected.

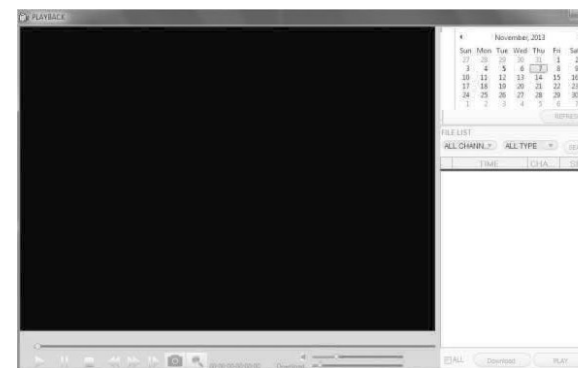
- / Connect all windows or disconnect all windows.
 - Capture images which can be saved in a local disk (the default system save path is “c:\IVR\Capture\”).
 - Quick-start to record video on all channels, and the right bottom corner of each channel has a normal recording video symbol (the default system save path is “c:\IVR\Record\”).
 - Click this button to unlock for the door machine.
- Click these icons to switch between the single-screen () , quad-split () and full-screen () options.

3.5.3 Other Operations

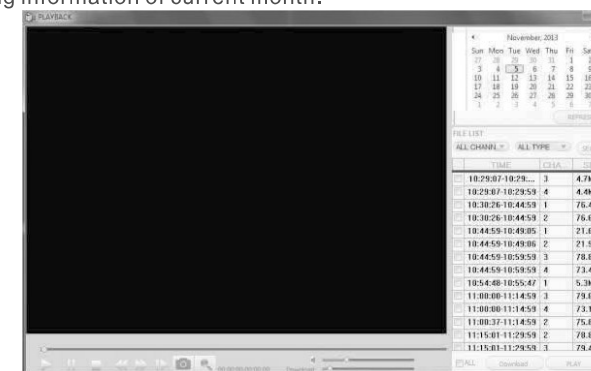
1. Select one channel from the preview screen (the color of the selected channel's frame will change to blue), and double-click the left mouse key will enlarge the current channel view. And single-click right mouse key as a full-screen display of the selected channel.
2. Single-click right mouse key on the preview screen will maximize all the current channels to full-screen. And single-click right mouse key again will back out.

3.5.4 Playback

Click **“Playback”** to enter the playback interface.



To search for a recording by date, click calendar in the upper-right corner, and use “<” and “>” to set the month of the video being searched for; click “REFRESH” (located just below the calendar) to display the recording information of current month.



The highlighted date indicates the recording date of the video being played. Click on a date to view the recording file list for that day. For example, the preceding figure shows that there are videos on file that were recorded on November 5th and 7th (indicated by the numbers being in bold print), and the recording file list that is currently open is the list of videos recorded on November 5th (indicated by the darker background and the “5” in white text). Another way to find a video is to select the channel and type of the file in question from the file list below the calendar. After selecting the channel and type from their respective drop-down menus at the top of the file list, click “SEARCH” and the results will be displayed in a list like the one in the following figure.

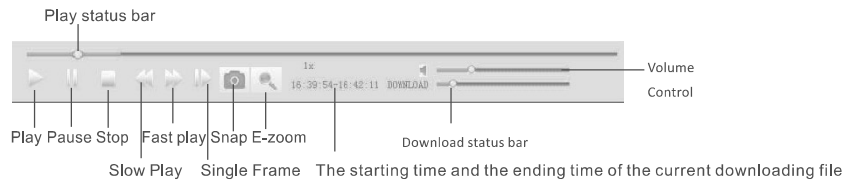


Double-click one of the listed recorded videos or select one of the listed recorded videos and then click “PLAY” to begin playback.



DOWNLOAD Using this button, users can download files to their computers and save them to a HDD for backup or later viewing. The downloaded file format is “AVI”. The option “” on the left side of the file is available for downloading. “” indicates the file will be saved to a HDD after clicking the “**DOWNLOAD**” button.

3.5.5 Toolbar Guide

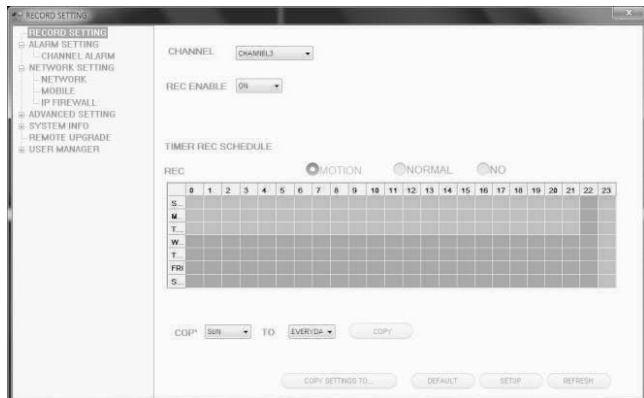


3.5.6 Remote Settings

Click “Remote Setting” to enter the “Remote Setting” setup menu. This interface includes record setting, alarm setting, PTZ setting, network setting, advanced setting, system info, remote upgrade and user modify, which can all be modified remotely through an Internet browser.

A. Record Settings

In the sidebar on the left, click “Record Setting” to enter the recording settings menu. From this page, users can enable or disable recording for channel 3 or channel 4, set recording schedules, and adjust specific recording parameters, i.e. enabling/disabling record, and setting recording modes.



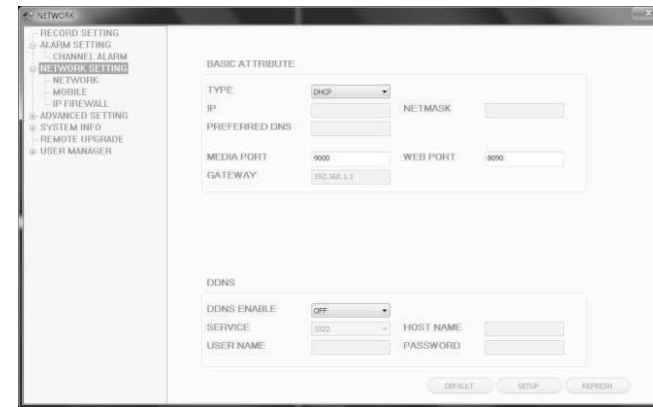
B. Alarm Settings

From the sidebar on the left, click “Alarm Setting”, then select “Channel Alarm” to enter the “Channel Alarm” setup interface. From this interface, users can set motion-detection alarms, define motion-detection privacy masking areas, motion sensitivity, and motion alarm push.



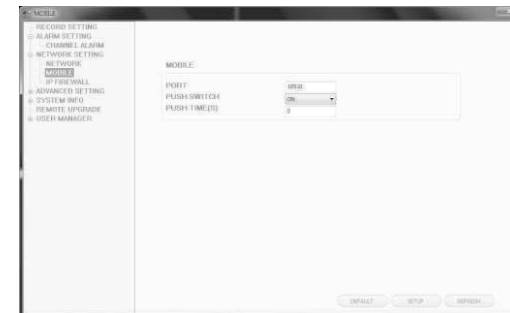
C. Network Settings

From the sidebar on the left, click “Network Setting”, and then select “Network” to enter the network settings interface. The menu allows users to set basic attribute and DDNS setup.



D. Mobile Settings

From the sidebar on the left, click “Network Setting”, and then select “Mobile” to enter the “Mobile Settings” interface. From this page, users can set ports, push switch and push time.



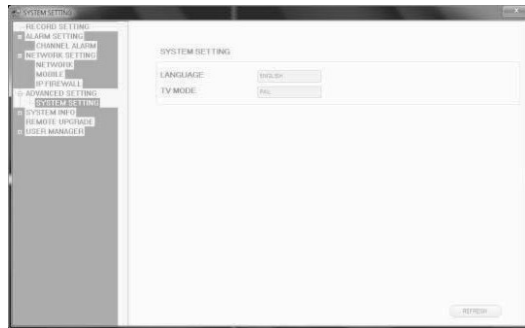
E. IP Firewall

From the sidebar on the left, click “Network Setting”, and then select “IP Firewall” to enter the firewall settings interface. From this page, users can turn the firewall on or Disable for specific IP addresses.



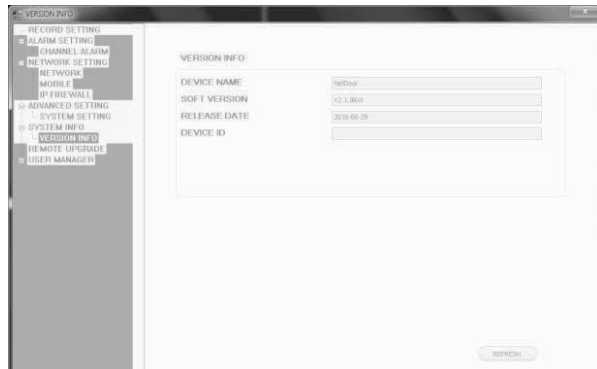
F. System Setting

From the sidebar on the left, click “Advanced Setting”, then select “System Setting” to enter the system settings menu. From this menu users can find out the language and TV mode for the indoor unit.



G. System Info

[Version Information]: From the sidebar on the left, click “System INFO”, and then select “Version INFO” to enter the system information interface. Here, users can find out the device name, software version, and the release date.



H. REMOTE UPGRADE

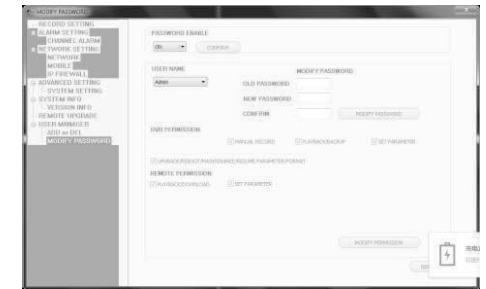
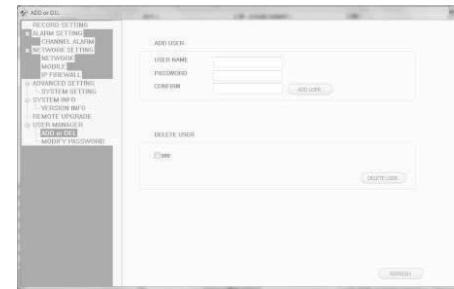
From the sidebar on the left, click “REMOTE UPGRADE” to enter the remote upgrade interface. Clicking “...” will select file for upgrading. Then click the “REMOTE UPGRADE” remote upgrade button in the center of the screen.



I. User Management

[ADD or DEL]: From the sidebar on the left, click “User Manager”, and then select “Add or Del” to enter the add user or delete user interface. The administrator can add new users or deleted an added user.

[Modify password]: From the sidebar on the left, click “User Manager”, and then select “Modify password” to enter the user management interface. Users can modify the user’s password.



3.5.7 Local Settings

From the sidebar on the top, click “Local Setting” to enter the local settings interface. From this page, users can set up the save path for local settings; in the “Record Save Path” field, they can create a save path for recordings; in the “Picture Save Path” field, they can create a save path for video/still images, and in the “File Save Path” they can create a save path for downloads. Clicking “...” will set up the respective save path.



3.5.8 logout

Click "Logout" to log out of the system.

4. Mobile Phone Software Visit

This IP video door phone can transmit live feed to your mobile phone, so that you can have 'on the go' access to your surveillance system from virtually anywhere. To view, you must install a mobile operating system specific program into your mobile. Currently, there are a limited number of phones that are supported: Google Android and Apple iPhone or iPad. Please download the app "UcareHome" on "Play Store" with android system or on "APP Store" with IOS system

4.1 Iphone Mobile or Ipad

The Apple iPhone or iPad application, like all iPhone or iPad applications, needs to be downloaded directly from the App Store. Open APP store, search for "uCareHome", it's a free application.

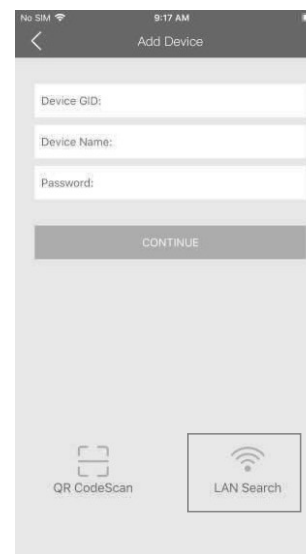
1) Through the indoor unit connection to network, and then to the indoor unit electric start.

Note: The default IP type of the indoor monitor is DHCP, make sure that your smart-phone and the monitor connected to the same router.

2) Login the app "uCareHome", make sure that your smart-phone and the device are connected to the same WIFI network, press "Door Intercom Monitor" -> "Connect New Device" -> "Existing", and press "Confirm".



Press "LAN Search":



Online devices which are connected to the same WiFi router will be shown on the list(as below):



User can access to the indoor monitor by this device IP address on LAN on PC.

NOTE: More information about the "uCareHome" please check the user manual of it.

Appendix 1. Accessing the indoor unit via Mozilla Firefox

1. First, install Firefox on Windows(This document will use Firefox 3.6 as an example)
2. After installing Firefox, search for the “IE TAB” add-on for Firefox; this file is named “ie_tab_plus-1.95.20100930-fx+sm (IE Tab Plus (FF 3.6+).xpi”. (This file can be downloaded from the Mozilla website)
3. To install: Open Firefox, then click “Tools”, and select “Privacy” and a dialog box will appear. Then choose tab which is named “Get Accessory Discreteness”, and copy and paste “ie_tab_plus-1.95.20100930-fx+sm (IE Tab Plus (FF 3.6+).xpi” into the address field. A dialog box will prompt you to install or cancel the program; choose “Install immediately.” After installing the program, restart Firefox Browser.
4. Open Firefox and enter the indoor unit IP address in the address field.
5. Right-click at blank, select “Use IE TAB Plus to play this Page”, and choose “Switch browser engine”. The indoor unit can now be connected successfully.



Appendix 2. Accessing the indoor unit via Google Chrome

1. First, install Google Chrome on Windows(this manual will use Chrome version 7.0.517.36 as an example).
2. After installing Google Chrome, search for the “IE TAB” Chrome add-on; this file is named “extension_1_4_30_4.crx”. (This file can be downloaded from the Chrome Web Store)
3. Open Chrome, enter the IP address of the indoor unit into address bar, and the following screen will appear.



4. Drag the add-on into the browser interface and the following screen will appear.



5. Select “Allow” to download multiple files and the following screen will appear.



6. Select “Continue” to continue installing extensions and the following screen will appear.



7. Click “Install” and the following screen will appear.



Note: If the web page still does not open, press the “ ” icon on the right of the address field to display this page in an IE based-tab.

8. Fill in the correct user name and password to log in.

Appendix 3. How to ensure reliable remote viewing of the indoor device through IE browser on Win 7/Win 8 64bit OS

1. Run 32bit IE on Windows OS (64bit)

Note: On a 64-bit version of a Windows operating system, there are two versions of the Internet Explorer files:

- * The 64-bit version is "C:\Program Files\Internet Explorer\iexplore.exe".
- * The 32-bit version is "C:\Program Files(x86)\Internet Explorer\iexplore.exe".
- * Please run the 32-bit version "C:\Program Files(x86)\Internet Explorer\iexplore.exe".



2. Run Internet Explorer as the Administrator

- 1) Open folder path "C:\Program Files(x86)\Internet Explorer".
- 2) Right click the Internet Explorer icon and choose "Run as Administrator".
- 3) Click "Continue" in the User Account Control window to grant administrator access to Internet Explorer.

3. Fix site display problems with Compatibility View

Sometimes a website you're visiting doesn't look like you expect it to. Images might not show up, menus might be out of place, and text boxes could be jumbled together. This can be caused by a compatibility problem between Internet Explorer and the site you're on. When a site is incompatible with Internet Explorer, you'll see the Compatibility View button in the Address bar. You can only turn on Compatibility View in Internet Explorer for the desktop.

A. To turn on Compatibility View

- 1) See if the Compatibility View button  appears in the Address bar. (If you don't see the button, there's no need to turn on Compatibility View.)
- 2) Tap or click the Compatibility View button  to display the site in Compatibility View. Once you turn on Compatibility View, Internet Explorer will automatically show that site in Compatibility View each time you visit. You can turn it off by tapping or clicking the button again. Or, you can clear the entire list of sites using Compatibility View by deleting your browsing history.

B. To clear the list of Compatibility View sites

Not all website display problems are caused by browser incompatibility. Interrupted Internet connections, heavy traffic, or problems with the website can also affect how a page is displayed. If you're having other problems on a site, such as playing videos, read Video won't play in Internet Explorer.

The Compatibility List is frequently updated, and Internet Explorer automatically downloads these update. This list includes sites that might've been designed for older or other browsers, sites that use Adobe Flash Player, and other settings that help give you a better browsing experience. If you don't want these updates, you can turn off Compatibility List Updates at any time.

C. To turn off Compatibility List Updates

- 1) Open Internet Explorer in the desktop.
- 2) Press the Alt key to display the Menu bar (or press and hold the Address bar and then select Menu bar).
- 3) Tap or click Tools, and then tap or click Compatibility View settings.
- 4) Clear the Download updated compatibility lists from Microsoft check box, and then tap or click Close.

D. To change Compatibility View settings

- 1) Open Internet Explorer in the desktop.
- 2) Press the Alt key to display the Menu bar (or press and hold the Address bar and then select Menu bar).
- 3) Tap or click Tools, and then tap or click Compatibility View settings.

Appendix 4. Compatible Portable SD Card

The following is a list of portable SD cards tested and found to be compatible with the indoor monitor. Before using a SD card not found on this list, it extremely important to test it for compatibility first. Suggested that users use a SD card more than class 10 onto the device.

Note: The SD card maximum supports 128GB. If the SD card is less than 64GB, the file system must be FAT32; and if the SD card is more than 64GB, its file system must be exFAT.

Brand	Model NO.	Type	Capacity(GB)	Speed Class	Origin
Samsung	MB-MP16D	Micro SDHC (TF) card	16GB	UHS-I Grade1, class 10	Philippines
Samsung	MB-MP64D	Micro SDXC (TF) card	64GB	class 10, UHS-1	Korea
SanDisk	32G class	TF card	32GB	class 10	China
Kingston	C08G	Micro SDHC (TF) card	8GB	class 10	Taiwan
Kingston	TF/MicroSD class 1014	TF/MICRO	4GB	class 4	Taiwan
Kingston	SDCX10/64G	microSDXC (TF) card	64GB	UHS-I Grade1, class 10	Taiwan
Samsung	MB-MC128D	microSDXC (TF) card	128GB	UHS-I Grade1, class 10	Korea

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The distance between user and products should be no less than 20cm