CLIENT-SIDE
USER MANUAL

H.264 NETWORK
VIDEO SERVER
一、 MAIN OPERATION
二、 SERVER SETTINGS
三、 MAIN SETTINGS
四、 Mobile monitoring demands to IP server
Main Operation

1.1 Client-side setup

Step 1
Take out the CD

Step 2
① Install the client-side software “IP server V1.4” in CD (show in picture 1). After installation, it will create a shortcut in your desk (show in picture 2)

![Picture 1](image1.jpg) ![Picture 2](image2.jpg)

② Click the shortcut to enter, please type in the login user name and password in the dialog box.

Default user name: admin, password: blank (Show in picture 3)

![Picture 3](image3.jpg)

③ If login succeed, it will appear the following window (Show in picture 4)

![Picture 4](image4.jpg)

1.2 Client-side explanation

1.2. Video window: Maximum support 25ch display in one screen

In this video display window, each channel display its channel name, time, frame and server address.

Please drag the camera to video display window

Display function, please refer to picture 5

C1 : Channel name. It can be changed

Time: 2010-3-23 1 4:53:39

IP address : display IP address in wan / domain name only / LAN

Real-time frame : real frames in each channel
2) Functions by right click mouse (picture 5)

Close: close the present channel

Record: Record the selected channel. (Recording when there is a red dot in the displaying channel) Please choose the recording save path before recording. Details please refer to computer recording in 3.1

Snapshot: You can mark the picture like 1.content typeface 2.content position 3.content format 4.remark 5.Saving format and 6.watermark; Show in picture 6

Audio output: After enable the picture output, there will be a trumpet in the display channel.

1.2.2 Server settings and advanced settings .Show in picture 7

Server settings : Set all the device which is in the server list

Advanced settings : set the client-side

1.2.3 LAN search: Search the local server

Operation for server adding
Login to the client-side software. Go to LAN searching window, click « discover » then select server click « add »

Notice: you can add the product address or dynamic domain name in the added “Addr”; port is for server port; user name and password is for this device only not for client-side. Show in picture 8

1.2.4 PTZ operation: You can control camera PTZ function no matter which camera been drag to the video display window.(Note: camera must support PTZ function and connected well) Please select the camera which need PTZ control function then go to PTZ control protocol, after setting please click apply. Show in picture 9

This picture is the quality of using 27X zoom camera. This device can connect with middle speed dome and high speed dome camera. (Note: camera need to support PELCO-D 2400 protocol and RS485)
二、SERVER SETTINGS

2.1 Usage of related function on server

2.1.1 Settings

1. Channel parameters setting
   Video resolution, bit stream, frame and camera quality adjusting
   CBR fixed bit stream is for mobile phone viewing
   Note: In order to view camera well, please make sure video quality is 60 or less at 2M-6M speed of normal network, and frame is 12 or less. After setting the video parameters, please save it as default if you want to use it often. Only to click “apply” will restore to factory defaults after device restart

2. Network system setting
   Camera system exchange. Device naming, obtain IP address information
   Default IP is: 192.168.1.168. Please assure the device is in the same network segment to your computer
   Note: Server port is to connect server essential function, Web port (IE port) is to connect device via IE, but it also need server port to enable server essential function.

3. Hardware settings
   Control local output Video

4. I/O motion detection alarm settings
   I/O motion detection input and related I/O alarm output
   Control its connection status by alarm device and sensor; also you can set the alarm output to specific alarm device
   Motion detection related alarm output
   According to motion detect camera set to any I/O alarm output

5. Storage (USB Storage)
   ① You can modify the recording mode for four channels. Function of recording mode is including: disable, continuous recording, motion detection, pre-record (Default is no recording and pre-recording mode)
   ② Recording time settings: including 24 hours continuous recording or sub-period of recording. You can set the recording channel according to different demand. And you can set recording mode to continuously or period time and save it to the USB storage device.
   USB storage device is detected
   [Image]
   Mobile USB storage recording: motion detection recording, pre-recording, continuous recording and time recording. Green mean recording now
   Note: After recording full, USB storage will automatically recover the former records by first in first out.
6.  Two way audio function
After enable the two way audio function, the green light will flash

7. Media center
For server connect to media center, easy for central surveillance.

8. User management
4 levels user management rights, including: user, power user, administrator, default administrator

9. DNS SETTING
Support Dyndns, 3322 etc domain name server, no need to login it in router, directly login the dynamic domain name in device.
Q) Login http://www.dyndns.com to create new account.

Q) Fulfill related account name and other information to create new account, it will send email to your mailbox for completed.

Q) Login to new account, add new hostname
(4) Fill New Hostname information

(5) Success in creating Hostname.

-Mail Setting-

Email sending: please fill in one available email address.

The sender mailbox must support smtp server, otherwise, the mail sending function will be useless in this product.

Sender name can be any name.

smtp: Sending mailbox must support smtp, and you must fill it in “mail setting”, the port is the smtp server port.

SMTP : SMTP full name is “simple Mail transfer Protocol”. “Simple Mail transfer Protocol” is a set of mail transfer specification from source to destination address; it used for controlling transfer mode in mail.

Need to verify; fill in the sender’s mail address and password.

-System monitoring-

System Monitoring: You can view the online video server information, or you can reboot the video server which online.

You can view online users whom watch the same device at the same time and that related information.
Update Settings

Update: application upgrade.

In order to ensure good use of equipment, it is recommended to reboot after application upgrade; then restore factory settings.
三、Basic settings
To non-fixed device, you can set up the relative setting as long as the video screen in the video window (on the client-side's management)

3.1 PC recording
Please set the recording saving path if need to record on PC; otherwise the recording won’t be success.
Note: The client-side software or IE-side software can’t be closed while PC recording.
Begin PC recording: PC recording begin, it would automatically save the video record in PC hard disk according to the saving path; And the device will automatically create video files path in the disk. The video file path is: VS_STORAGE→2010→1→18→192.168.1.168.8080.ch1.20100118.13.1.dat. Year, Month, Day is according to the PC to update (Please note the PC time before recording). The final video name is IP address (domain name) + channel name + Year, Month, Day + Hour + Number (it may create several files in one hour, so the number will be 1, 2, 3 ….)
Note: Before PC Recording, you must set the recording saving path. If the disk is full, it will cover the video file automatically.

3.2 Playback
Video playback software main function: connecting to video data in remote or local USB removable storage device, and PC video files playback, photograph and save it when playback.

3.3 Motion Detection
Choose a video to set up motion detection first, double click to amplify picture. When picture is amplified to big enough, motion menu will become black color from gray color, then user can set the motion detection; Select sensitivity, and then activated, choose area (can be 2 area in one picture) then save it. Please double click picture back to normal picture, motion detection begins
Note: After activation of motion detection need to open the "motion detection in "1 / O / motion detection alarm"; the operation details refer to "2.1.1 Settings", No. "4"

3.4 Other settings
After setting the motion detection or hardware alarm, the alarm associated with PC message. Users can select sound card alarm in computer or select the sound file format; alarm can also choose the voice prompt file. (You can do with a song or a word audible alarm) Note: supported file formats can only be "wav" format
User can chose not connect in auto when Connection unexpectedly interrupted
Video display mode: DirectDraw. Microsoft Standard display
GDI: Adaptive graphics display

3.5 User Management
This User Management is to manage client-side; It dislike the Server User Management, user must pay attention to it.
四、Mobile monitoring demands to IP server

Most of the smart mobile are workable.

Below is a list for suggestion:

**NOKIA**

Support smart mobile(third version), means the version up S60.

Symbian OS v9.1 DP S60 3rd [Full name: Symbian OS v9.1 S60 3rd Edition (initial release)]

Representative type: Nokia:3250 5500 N71 N73 N77 N80 N91 N92 N93 N93i E50 E60 E61 E61i E62 E65 E70

Symbian OS v9.2 DP S60 3rd FP1 [Full name: Symbian OS v9.2 S60 3rd Edition, Feature Pack 1]

Representative type: Nokia:5700 6110N 6120C 6121C 6290 N76 N81 N82 N95 E51 E90 E66 E71

Symbian OS v9.3 DP S60 3rd FP2 [Full name: Symbian OS v9.3 S60 3rd Edition, Feature Pack 2]

Representative type: Nokia:6210N 6220C N78 N95 5320xm 6650

Note: S40 2ed are not supportable.

**Sony Ericsson**

P and G series are smart phone except G502 and G702.K and C series are photograph mobile(The highest pixel is 905,8 megapixels, not smart phone.) M series is the old smart phone. J series is the simple mobile; F series is the game mobile( not smart mobile); W series is the WALKMAN music mobile(W958 and W960 are smart mobile.) T series not know yet.

**MOTO**

The operating system mpx series. WM/windows mobile) series.

Ex series, such as E2, E6, etc..

Exxx series, such as E680 etc.

A series: such as: A1200. These 3 series are use LINUX operating system.

And the Symbian ulQ operating system A952,A1000,V1000 etc.

V8 also LINUX operating system.

*Note: This product support WM/windows mobile but not support LINUX operating system.*

**Dopod**

As long as the mobile support operating system windows mobile 5 and 6.