1, Instruction

1.1 Instruction

EASYVMS provides preview/playback/video services for small and medium network of IP camera Manager. This manual may contain technically Incompletes, and its contents will be regularly updated without notice; the updated contents will be added in the new version of the user manual. We will improve or update the products described in this manual at any time.

Specification
Support P2P device addition and management
Simplify for CMS system, convenient to operate, Without AD.
Centralized manage user, Error management, system maintenance and TOP navigation
Provide streaming media distribution function
Provide streaming media storage and playback, monitor playback connection status, and provide relevant status notification

Operation System environment
OS: Microsoft Windows XP sp1 or above
CPU: Intel Pentium IV 2.4 GHz or above
Memory: 1G memory or above

2. Installation and Operation

2.1. EASYVMS installation

Search the file in the software directory. Running the software, it will step for installation.
Welcome to EasyVMS v2.3.1.5122 Setup

Setup will guide you through the installation of EasyVMS v2.3.1.5122.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Choose Install Location

Choose the folder in which to install EasyVMS v2.3.1.5122.

Setup will install EasyVMS v2.3.1.5122 in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.

Destination Folder

[Path to destination folder]

Browse...

Space required: 14.3 MB
Space available: 36.2 GB

Nullsoft Install System v3.03

< Back  Install  Cancel
After finished the installation, press the program of ICON, then you can running the EASYVMS and login the system.

Username is admin, Password is empty

Interface and Function

2.2. Interface for introduce
Running the CMS software EASYvms, you can see the follow picture.
there have Live, Remote, Playback, Album, Device Manage, System Log, Alarm Information, Setting main functions, press the button, it will change to Sub functions. for the left area is device navigation, for the right area is video screen, for the upper right corner, it is help, logout, minimize, maximize, close buttons

2.3 Device Manage
Click the device manage button to enter the device manage page, there have add, modify, delete operations for area and device.

2.3.1 Area Configuration
Manage device in area, Add area

Also can press right key for custom new area.
2.3.2 Device Add, Modify, Delete
Click the Refresh button for search device.

Click the camera ip address and show “modify IP” dialog box for change the new IP address of camera.
If you want easy, you can choose “Reference PC IP”, so it will default the ipaddress for your camera. You also can manual fill the IP address on it, but username: admin, password: empty (no password) After press “OK” button, save address and refresh IP.

Press Live function, you see the preview the interface
Double click the left camera ip address, you can see the video on the right screen. If you want to add more device, you can choose Device”> Default area(right key) Choose “Auto Open”/“Open by Area” Open all channels

Delete Device:
On the device listing, you can choose one or more device for delete, just press Remove batch.

2.3.4 Device Control
Device control have function include: Time synchronization, device restart, clean alarm Etc
Time synchronization:
Device manage> added device, Choose the device, Press Time synchronization button, then the device and the pc will same time.

You also can choose “Remote config” and “Clear Alarm” at the same time.

2.3.1 System Configuration
Press “Settings” Login System Configuration
1. Support setting auto start running CMS EASYVMS. Choose 【auto startup】 button and save. Then it will auto running in next restart computer.

2. Support Setting auto Proofreading interval time, Choose 【automatic sync time to device】 button, input the time (like: 120), and save it, then it will proofreading interval time after 2 hours.

3. Support Setting duration of local recording, Choose the dialog box of the duration and input the number (like 30), then it will recording half hours one file.

4. You can setting save time of the log file.

5. Setting the Snapshot and recording save path, Press "..." choose the path, like (G:\EASYVMS \Image/ G:\EASYVMS \Video). After save, the snapshot path is G:\EASYVMS \Image, Recording path is G:\EASYVMS \Video.

Account Management: Login to system setting, you can manage local account for operation, include Create Administrator, Create Guest, Change password, Delete device and more.

Press 【account management】 button, Press 【Create】. input new user name, password, and user group.
After save the operation, the group will see a user1 in the list.

Press 【Account Management】 button, choose operation user name is user1, Press 【Delete】 , then the create user account will delete.

The authority have three level for user:
Administrator: Administrator authority can arrange device and user, live, playback, search log, change password, switching user, exit CMS.
Operator: Live video, playback recording, search Log, switching user, change password.
Guest user: Live video, switch user, change password.
2.5, Live Preview

2.5.1. Live Preview
Double Click Device name on left side, you can preview the device video on right side for screen. Close the single preview, press right key of the device, you will see listing, press “Close live” for close the device preview.

2.5.2. Preview Control
There have some function button on the preview.

- Icon [ ] is close full channels of preview.
- Icon [ ] is snapshot, capture picture to local to save.
- Icon [ ] is close full channels recording.
- Icon [ ] is close full channels audio.
- Icon [ ] is setting multiple video on screen, can setting single, 4/9/16/25/36/64 channel video for preview
- Icon [ ] is make video to full screen, press it make full screen, press ESC exit it.

2.5.3. Channel right key control menu
For the preview, choose a channel for right key, it show the menu.
Press 【close live】 Button, close the channel preview.
Press 【audio on】 Button, open the channel audio.
Press 【snapshot】 Button, snapshot picture of the channel save to local.
Press 【start record】 Button, recording video of the channel save to local.
Press 【picture ratio】 Button, setting preview video size.
Press 【full screen】 Button, make the preview video of the channel to full screen.
Press 【definition】 Button, setting the channel video quality (main stream/ sub stream, only use for p2p)
Press 【zoom】 Button, digital zoom for this channel.
Press 【Remote config】 Button, configure remote camera parameters.

2.5.4, Remote Config
2.5.4.1, Camera settings
A, Channel Name, edit the channel name and Channel Display, Time display, Set position
B. Setting parameter of camera video.

Smart Night: Normal Mode.
IR-CUT mode: auto (Passive mode), Day/Night, Auto (Active mode)
IR-CUT Sensitivity: 0-50(The higher the number, the higher the sensitivity.)
Image Mirror: close, Flip horizontal, Flip Vertical, Flip Center
2.5.4.2, Network configuration

A, TCP/IP Settings: You can choose the IP address type, manually and DHCP mode, and Modify the IP address parameters.

B, WIFI settings: If you use the camera for the first time, and your camera connect to your router through Ethernet cable, please Click “Search” for add your WIFI setting.
Choose your wireless router WIFI SSID

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<tr>
<th>Index</th>
<th>RSSI</th>
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Input KEY and Check, system will auto check the Wi-Fi details, if successful, please click the app, connect to WIFI.
Setting WIFI successful, Now you can disconnect wired Ethernet cable. And click "apply"
Then Research your camera, at which point you search and add a camera for WIFI connections

Port Configuration:

C, Port Setting, HTTP/ After the signaling/data port is modified in the corresponding access software, it is necessary to manually add the modified port number, otherwise it cannot be accessed effectively (non-professionals do not recommend modifying it to avoid adding devices)
D. Email Setting: Enable and configure.

E. FTP Setting:
2.5.4.3, Encod settings:

A. Code Parameters

Coding parameters: Modify the format of the video screen and the appropriate parameters, has reached the optimal effect

B. Audio setting: The input volume refers to the size of the camera’s microphone recording. The greater the value, the louder the playback sound of the monitoring device; the output volume refers to the sound played by the camera speaker. The greater the value, the louder the camera will play.

C. Recording plan; 1. The main stream (HD) and sub-stream (clear) are optional for recording. HD
recording is the highest resolution recording of the device. At this time, the SD card's recording file and the used memory capacity will become larger. Clear is the default option. 2. The recording mode will be different colors. The timing record is blue. It can be understood as the set time period recording (default is all day timer recording); the alarm recording is red, indicating that the R485 and switch alarms have detected the signal. After the start of recording (this function is dependent on the product); moving recording is yellow, it means that when the object is detected to start recording, you need to enable motion detection in advance; disable the recording to be white, indicating that the current time is not recorded.

2.5.4.4 Alarm Setting
1. motion detection; refers to open or close the motion detection, motion detection alarm trigger method (take a picture when the alarm, by email to the specified mailbox, you must first set up a good mailbox); trigger FTP (Capture a picture during the alarm, send the picture to the FTP terminal via the FTP server; push the button (refer to whether to receive the camera alarm reminder, the home page subscription function needs to enable the linkage push); trigger capture (in the detected When the signal is moved, a picture will be snapped. The captured picture can be viewed on the message function of the home page; triggering the recording (the video will be recorded in different colors after the movement signal is detected); selecting the area (referring to the selected area on the screen The mobile signal will alarm, the selected area is based on the green box.)
2.5.4.5 System Setting

1. Time setting: According to your local time setting the camera time.
2. Device information: display the device model no., network connection type, software version and IP address.

3. PTZ Setting: PTZ control setting (camera up and down, left and right)
4. Disk information: display SD card memory, write status and snapshot, recording for memory size.

5. User Management: Setting user authority
6. Timing Snapshot: Setting where save the snapshot picture (now only support SD card and APP)

2.5.4.6. System Maintenance
1. Restore the default; restore the default (all camera settings restored to the factory state, but will not delete the user data); restore the factory (camera fully initialized, including settings and user data will be deleted)

2.6.1, PTZ control
Click on the preview interface > below the device area bar > PTZ to enter the PTZ control interface

Adjust rotation speed 1: slowest, 10: fastest.

2.6.2. Remote playback (Only support SD card camera and NVR)
2.6.2.1, Remote playback!
Enter the remote playback interface. In the left device tree, select the channel to be played back (Note: currently only supports one playback at a time), select the date on the calendar, click the “Search” button, and the system starts on the DVR (or local Hard disk) Search for video and display search results in search results panel

Playback: Control:
Control Button

(1) Player button, press it can continue play the recording.

Pause Button, press it can pause the play the recording

Stop play Button.

Audio control button, turn on/off when it playing video

Choose Fast forward Slow forward.

(2) Press button, playback snapshot, snapshot for playback video.

Timeline operation
(1) The scale on the time axis is 0-24 points.
(2) Mouse over the timeline to zoom in and out of the timeline.
(3) Double-click the timeline to play it directly. 2.2.6.

Log management
Users can easily query the system log. The operation log records information about each key operation in the system, including the user, operation content, time, and user's IP address.

2.6.3. E-albums
The albums function is manage the picture and video for local, also you can view and delete for
Search by Device. Choose a device, it will search all picture and video for the device.

Search by date, Choose the date, it will search all picture and video for the date

Search by media type: Choose the media type, it will search all you choose type file.

2.2.8. Alarm Information
The alarm interface were recording all type of the alarm information, it include motion detection, video lost, alarm input, “Loss of heartbeat”, User can search and backup the alarm information.

2.2.8.1 Search Alarm Information
Check the type of alarm information (for example, check only the video loss, alarm input) to view the alarm information of all categories

2.6.4, System Log
Login the system Log interface, choose the Client Log, Chose the beginning and end time for search, then you can see user name, IP address, time, description for device.
Press 【export】 Button, you can save the video to .csv video file.

**2.6.5, Output alarm information**

Press 【export】 Button. Choose the save path, then it will output alarm information to local
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