HAPPOK®

Multimedia Recording and Broadcasting Services

User Manual

2011−11

Statement

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My company and responsible attitude to the user, careful preparation of the manual, but does not guarantee that the contents of this manual is completely correct. Because our products will continue to make improvements, so we reserve the right to modify this manual without notice.

Tip: Please tear the protective film of the chassis above, so as not to affect the heat.

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

一、SM\HM\EM Instruction

A.System installation

1.1 preparations

Before installation of the system, please prepare the following:

Server's power cord, network cable and switch with mirror function, be prepared to record the terminal or MCU port mirroring to the recording and broadcasting port.

On-demand and live pc recommend using windows xp proferional sp2, the system must be installed on the windows media version player9.0 above

1.2 Equipment Installation

   The device is designed in accordance with the standard 19-inch chassis. Simply packaging the attachment installed on both sides of the equipment, tighten the screws to the rack.

1.3 Equipment Connection

   Series servers use 10/100/1000Mbps network cable as its medium of communication. 2 10/100/1000Mbps adaptive Ethernet port on the backplane of the device,

LAN1: communication interface

LAN2 is: to connect the external network

Two. Interviewing and Web management of the service system
Multimedia mining broadcast service system does not need to install any software and plug-ins that can be applied, the recording of multimedia mining and broadcast services system, stop, its recorded content, etc. is released via a web form. Convenient for users to access and management.

2.1 User Login
    In order to restrict unauthorized users access to the server system, into the server's web pages, you must provide a valid username and password.
    In the address bar type http:// server address: 8899/playVideo to server web landing page (by default the LAN1 / IP address 192.168.100.100, LAN2/IP address is 192.168.100.101, ", the default Subnet Mask: "255.255.255.0 default Gateway:" 192.168.100.1 "), shown in Figure

2.1:

Picture 2.1 Welcome to mining-play system interface

    After entering the correct username and password (the factory, the system provides only one administrator account, user name "admin", password "admin"), click on "Login" button, the system proven to log in to multimedia mining broadcast service system management interface, as shown in Figure 2.2:
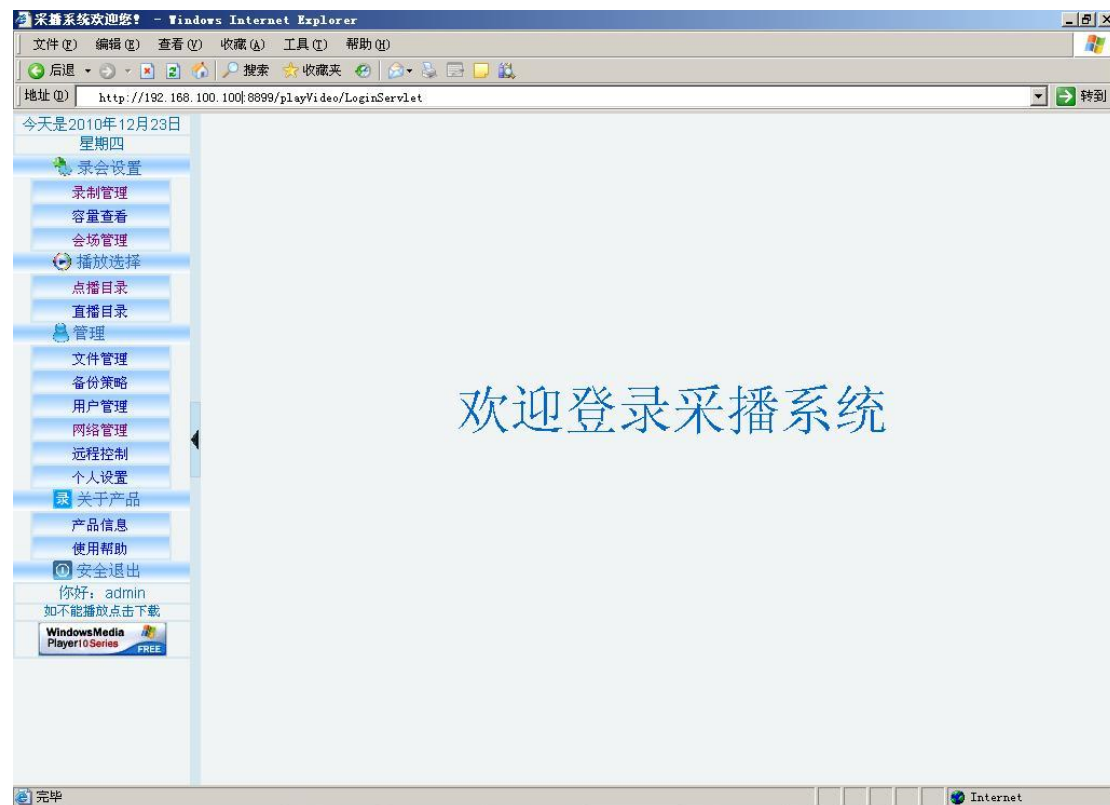
Picture 2.2 Multimedia mining sowing the main interface of the service system

2.2 Management

2.2.1 User management

Multimedia mining broadcast users of the service system is divided into two types: administrators and ordinary users. Ordinary users can assign the appropriate permissions to watch live and taped programs, download programs; Administrators have all permissions, including creating users, delete users, modify user password, the program recording parameter settings, stop recording the program, file management and so on. Click on the "management" and "User Management", as shown below:

picture 2.3 User information browsing

2.2.1.1 new users

Click the user a list of the top-left icon pop-up new user page, shown in

Figure 2.4:

Account: login accounts, support for Chinese characters and English letters, numbers and underscore;

Password: Login password;

User types: divided into ordinary users and administrators

Group: already in the drop-down box, select, there is no direct input.

Broadcaster: used to assign users permission to watch live.

On Demand | Download: for whether there is demand and download permissions to assign users

Picture 2.4 Add users

2.2.1.2 file allocation

The file allocation is for the user to allocate its available to watch video files. As shown below: on the left shows the file the user is not assigned, the right side shows the files the user has been assigned.

    Selected in the available files] at the distribution of files by group, and then select the file, click on "Add" button, the file is assigned to the user, then click "OK" button. When unassigned file, you only need to select the file on the right, click "Delete" button, then click "OK" button.

Picture 2.5 file allocation

2.2.1.3 View user information

    The administrator can view any user's information, and can modify the user's account, password, user type, the right to live and download on demand the right; Click to view Figure 2.3 User Information Browse the modification is complete, click the "Save" button. to save

2.2.1.4 deleted users

If not allow a user to login to the server, the administrator can delete the user account management list. Select the user is deleted, click the icon, you are prompted to "Delete" to delete the user, will also be disconnected has been assigned to the association between the user program and the user.

2.2.2 Document Management

    Management Conference recorded video files; click on the "Management" document management ", as shown below: File Management: Video file (for the management of wmv files).

Picture 2.6 View user information

2.2.2.1 Download

    Select the file you want to download, click on "download", pop-up download interface for file download operation, you can also click on the "Right" way to save as to download;
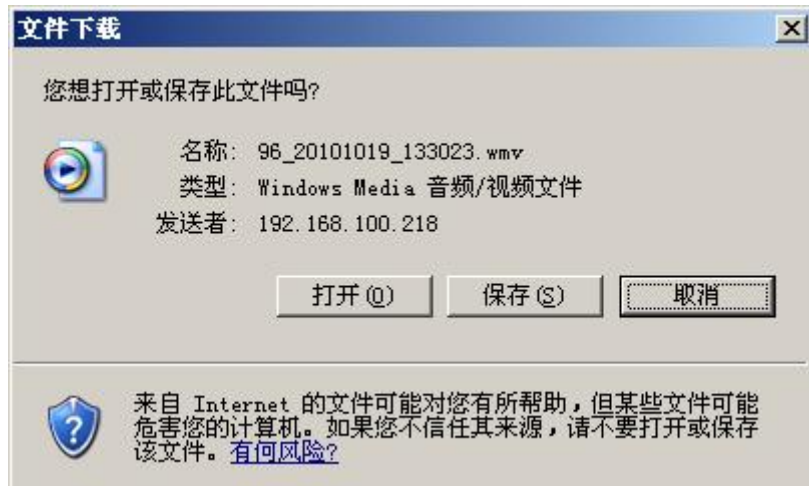
Picture 2.7 Download

2.2.2.2 modified

Select the file you want to modify, Note the "Change / retrieve the file name" edit box to repair a name, (no need to input suffix) and click "edit", you are prompted to confirm that you want this operation, click OK, modify success, "cancel" not doing anything; If you enter a name already exists, will be prompted to change failed, please check whether this file exists! ", click OK, the file without any changes;

2.2.2.3 deleted

Select the file you want to delete, click "Delete" button in order to prevent misuse, will again be prompted to delete operation. Click "OK" prompt "deleted successfully";

2.2.2.4 bulk delete

Click, as shown below: choose "Select All" - "delete" to delete all files.

Picture 2.8 modified

2.2.2.5 file upload

For the user on your PC to upload files to the adopted broadcast server. (Usually wmv file)

Picture 2.9 file upload

2.2.2.6 file retrieval

Enter to retrieve the file name, or retrieve the date, you can retrieve the appropriate file.

2.2.2.7 Packet Management

You can see the group file management information, and file re-allocation, and can be completed on the same page group to add and remove.

File grouping: grouping the file is not currently selected, click "Add" button to add files to the right, and then select or direct input (when the group did not meet) group, and then click "OK" button to complete the group.

Add and delete groups: [target packet directly enter a new group, the operation can be the reference file grouping. Deleted, in [packet] Office, select the group you want to delete, click the "Delete group" to complete the deletion. Note: [ungrouped refers to the packet of documents where groups can not be deleted.

Picture 2.10 file retrieval

2.2.3 Network Management

Set of multimedia mining Broadcasting System server network address

Click on the "management" - "Network Management: managers select the appropriate network adapter is being used and modify the corresponding IP address and other information, the completed, click" Save "to modify the server address....

Picture 2.11 Network Management

1、Tip:

1, set the IP address, the requirements of the system is idle, not being recorded in the system, on demand, back to the point, to modify the system IP address in the live!

2, after editing required in accordance with the new IP address, login web interface;

3, set the IP address of the purpose of interviewing and can be operated via a web server.

4 multicast to the last saved IP address of the multicast source address.

2.2.4 The remote control

Used to control the mining and broadcast services system shutdown, restart, cancel the shutdown to restart the operation and restart mining Broadcasting System; click "manage" the "remote control", as shown below: Select the appropriate button to operate.

Picture 2.11 The remote control

2.2.4.1 restart mining multicast services: In the case of closed mining multicast server, you can restart mining broadcast services to the mining broadcast anomalies;

2.2.4.2 Close the mining multicast server: used to close the mining multicast server;

2.2.4.3 restart mining multicast server: used to restart mining multicast server;

2.2.4.4 cancel the shut down (restart) to adopt the broadcast server: If you

click on the closed mining broadcast server "or" restart mining multicast server ", you want to cancel this operation, you can click Cancel to close the (restart) to adopt the broadcast server" However, this operation is to click Close mining multicast server "or" restart mining broadcast server "after 30s.

2.2.5 Personal settings

"Manage" the "personal settings" as shown below, then click Change Password, and prompted to update success after successfully modified.

Picture 2.12 Personal settings

2.2.6 backup strategy

This feature is used to interviewing and recorded to upload files to FTP server. This function has the following characteristics:

Support the user to manually perform an upload to upload the system automatically performs two ways;

Mission Control, users can start or stop the task and the user can select the upload option;

Support for HTTP, if the upload is stopped, the next time you perform the task due to the causes of accidents such as broken network breakpoint, then the implementation of the last unfinished task.

Picture 2.13 backup strategy

2.2.6.1 [task configuration] Click "New Task" button, the page Go to the task to fill in the information shown in Figure 2.14, respectively in the corresponding position to enter the FTP server IP address, as well as the assigned account number and password, in the time settingselect the upload time, notes are optional, you can enter the popular name of the server, such as: R & D department and the FTP server, and then click to save it.

Note: each IP address can only have an upload task, can not set two of the same FTP server IP address.

Picture 2.14 Task configuration

2.2.6.2 [mission control] and click the Start New Task to complete the mandate implementation plan, if you want to change or delete a task, you must first stop the task.

In addition, the administrator may at any time to manually upload. Manually upload in real time to see the progress of the upload and the file being uploaded.

2.3 recorded will be set

2.3.1 The venue management

Picture 2.15 The venue management

Venue management in the left menu, select the page into as shown above.
Before recording the first complete some configuration operations:
First to be completed to add a venue. Click on the "new venue" page, enter the following figure:

Picture 2.16 The venue management

Playback settings: live and taped in two ways;
In the form of "live", you can watch online meeting recording, select "start recording" in the recorded set;
Select the "taped" can not live online watch, you need to record in the recorded set, select "start recording";

Entry
The venue name: enter the venue described;
IP Input: IP address of the terminal input to be recorded;

Video settings
Video types: single-stream is divided into static double two states, a single stream is not necessary to set the auxiliary flow parameters, the Shuangliu you need to set the parameters of the auxiliary flow;
Select screen size: optional CIF, 4CIF, 720P, 1080P and 1080i.
Note: SM8000 series resolution support (CIF, 4CIF); SM9000 series resolution support (720P which SM9000H Series can support up to 1080i and 1080P).

General settings:
If you built a number of meetings of its parameter set is the same, select the item, it is set automatically to other venue. Note: only did not start recording and broadcasting venue. Fill it out, click "OK"; and select "OK", the system

hard disk capacity less than 10G will prompt the user disk space is less than 10G, if it continues, may affect the normal recording of the meeting. "Hard disk capacity is less than 5G, disk space "can only record one hour, please delete some files after recording" can not record the meeting.

All conference information is set up, select the recording and broadcasting of the venue, click "Send" button, jump to the "record management" function page. In order to guarantee the recording of the conference, will appear "insufficient disk" prompt.

2.3.2 Recording Manager

2.3.2.1 start recording

Send finished recording parameters, and no conference recording, you need to click to start recording and meeting recording.

2.3.2.2 pause recording

Need to pause recording, click on "pause recording", then recorded, and then click "Start Recording" to continue recording. Such recordings are saved in one file.

2.3.2.3 terminate recording

Recorded to terminate in two ways: through the terminal end of the meeting; manual intervention to terminate via the web.

Through the terminal end of the meeting: the normal end of the meeting;

Manual intervention via the web: you can use in some special cases, this situation will not affect meeting the normal; steps: Click "record settings" -> "Record Management" -> "to terminate recording, as shown below follows:

选择会场	会场	状态	单播直播	组播直播	操作	定时录制
☐	研发部会议	▬▬▬▬▬	🌐	🌐	开始 暂停 终止	
		☐全选/全不选 开始	暂停	终止		

Picture 2.17 terminate recording

Interviewing and service system service does not start, select the "termination meeting" prompt "to terminate the recording session, the communication service is not open!" At this point, you need to open the mining services of broadcast service system, method: re-start mining multicast service can be;

To facilitate the users to operate more than one venue, where a batch operation. : Select the desired operation of the venue, and then click on the venue below the "Start", "pause", "terminate" button. Can be completed more than one venue to simultaneously record, pause, termination of the operation.

2.3.2.4 Timer recording

The timer recording function for the venue at a time to start recording. The user can choose the time, and then click "Start", so that you can reach the change time automatically start recording work. Click on the corresponding timer recording venue input box will pop up to select the time control. As shown below.

Picture 2.18 Timer recording

Note: if the user did not choose the time, or select the current time, or time before the current time, it will start recording directly.

2.3.3 Capacity View

Click on the "recording settings" - "the capacity to view, you can view the overall capacity of the disk space and free space;

Picture 2.19 Capacity View

2.4 naming convention

When recording, the system automatically generate a program name and the corresponding media file name; the naming rules of the program name is a combination of "8 venue IP address _ date _ Minutes"; produce a corresponding media file.

After recording is completed, you can "manage" under the "document management" to the name of re-naming.

2.5 Play the selected

2.5.1 on-demand directory

Program: in the middle column, click to select the program you want to watch. Note: The ongoing live TV, on demand of the program, can not drag and drop and other operations;

Picture2.20 on-demand directory

2.5.2 Live directory

Relative real-time viewing via the web, you can program recording. Broadcast to unicast and multicast broadcast in two ways for users to choose, as shown below:

序号	直播会议	单播直播	组播直播
1	研发部会议	⊙	⊙

Picture2.21 Live directory

Multicast advantage: the client needs the same data stream to join the same group share a data stream, saving network bandwidth, reducing the load on the server; have the advantage of broadcasting with.

Click on the "unicast live": the form of unicast live viewing;

Click on the "multicast live: watch the form of multicast.

2.6 Products

2.6.1 Product information: they display the multicast server model.

2.6.2, the use of help: the interviewing and the server electronic version of the operating manual;

2.7 Exit

Can be safely introduced to the web interface.

Tips: If the user does not normally watch the recording file can download windows media player 10 to watch in the bottom left of the mining multicast service interface prompts.

Second, meeting the voice automatically notifies the instructions for use
The HAPPOK SM/HM/EM series of multimedia mining and broadcast server at
the same time integration of a meeting of automatic notification system,
through the voice server, in accordance with specific customer needs,
automatically dial a phone number, and fast, timely and accurate outbound,
efficient and do a good job notice of the meeting. Support for contact
management, progress management, the meeting notice, the notice of the
meeting content recording, conference call failure log management and other
functions.

1 User Login

Users in the address bar type http:// server address: 8899 / to the server's web
landing page (the default LAN1/IP address "192.168.100.100" LAN2/IP
Address: "192.168.100.101" default sub-netmask: "255.255.255.0, default
gateway:" 192.168.100.1 "), click on the Conference on notification system,
access to the conference notification system interface shown in Figure 1.2:

Figure 1.1 User Login

Figure 1.2 User Login

User name "admin", password "admin", click on the "Login" button, proven to log into the management interface of the multimedia conferencing notification system, as shown in Figure 1.3 as shown:

Picture1.3 User Login

2 voice recording
Click on the right side of the main interface "voice recording" icon, as shown in Figure 2.1:

Picture2.1 voice recording

Enter the phone number definition file name and click "Start Recording", the system will immediately dial the telephone input, and voice prompts to record and save, save the recording available to the new notice of meeting "outside call voice path" option. If the input file name, the default system time for the file name.
Special note: If our telephone access for the classification of the company,

when outbound call to enter a special number in order to allocate to this point, enter the phone number to join the special data + space + telephone number, for example, 9138 ******** ".

3 Upload the user information

Click the top left of the list of users to upload user information "icon, as shown below:

Picture3.1 Upload the user information

The right side and click interface "browse" icon, telephone information imported from the hard disk file, press "OK" button.

Currently only supports a text document format for the phone number + space + name "click" Enter "key to continue to enter the next telephone information input is complete, save it to a local hard disk for file uploads.

View all user information

   View all user information "icon, click on the left side of the main interface shown in Figure 4.1:
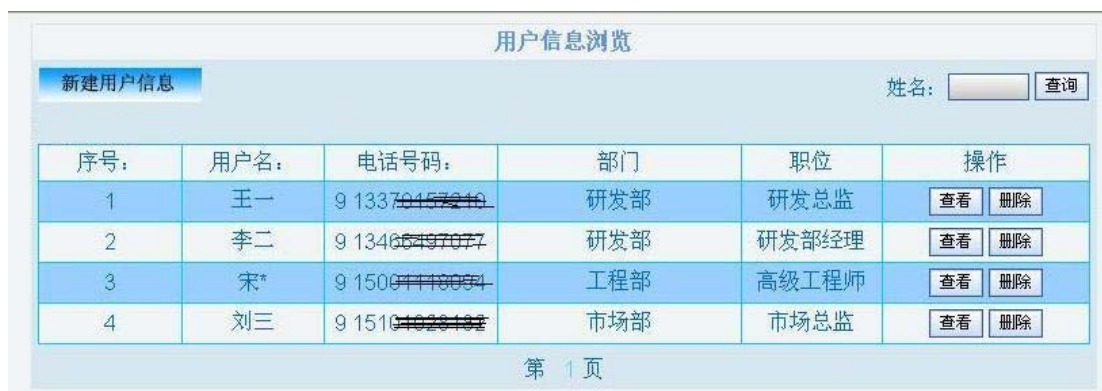
Picture4.1 Upload the user information

     You can see all the user's name, phone number, department, job information, click on "View" to view and modify user information; click the "New User" to carry out new user information, click the "Delete"delete the user information of that article.

Picture4.2 Upload the user information

5 notice of meeting management

5.1 The number of channels management

Click on the "Channel management", the drop-down box, select the number of channels, 8 channel number, select a channel number, you can connect a telephone line for outbound notification, if you select 2-channel-count, you can connect 2 telephone lines, call notification, and so on; select the appropriate number of channels according to the actual situation, click on "Save Changes" button to save.

Picture5.1 The number of channels management

5.2 The notice of the meeting visit

Click on the user list of the top left of the notice of the meeting the Browse icon, you can see the theme of the meeting, outbound voice path, the time of meetings and other information. Click on the icon of the left side of the interface, shown in Figure 5.2:

Picture5.2 The notice of the meeting visit

Icon outbound voice path in two ways, a recorded voice file; another voice from the local hard disk to upload wav format files. Setting notice of the meeting time must be later than the system time, meeting time must be later than the notice of the meeting time. Enter the number you want to call, if the number of calls to set more than 2 times, the system call is completed, users will automatically call the failure to re-call time.

Picture5.3 The notice of the meeting visit

Click to Figure 5.3 "Operation" section of the "start" button, as shown below:

Picture5.4 The notice of the meeting visit

First select participants departments, and then the left mouse button to select a user name, press and hold the "Ctrl" to a multi-selected user name, then click "OK" button.

View notice of the meeting of progress

Click the middle of the main interface to view the notice of the meeting progress icon, as shown in Figure 6.1:

Picture6.1 The notice of the meeting visit

The theme of the meeting can be found, the user name and notification time.

7 fail, call log

Click on the middle of the main interface outside call failure log "icon, as shown in Figure 7.1:

Picture7.1 fail, call log

User for the call failed to give reasons for the failure, and easy to

maintain and manage.

8 administrator information management

Click on the right side of the main interface, "the administrator the information management" icon, as shown in Figure 8.1:

Picture8.1 administrator information management

The administrator information for new, view, and delete operations.

9 Exit

"Exit" icon click on the right side of the main interface, then exit the meeting of the automated voice notification system.

Appendix: Frequently asked questions:

Why live, the recording and broadcasting, the player is black, only the prompt "buffer"?

After setting all the parameters, you need through mining multicast server web interface to send parameters on each terminal will tune

, Why call H.263, 4CIF picture, the image is displayed as the upper and lower levels?

Need to modify the terminal settings, visit the web interface of the terminal, in the "System Configuration" - "Call Settings" HD mode

"under the" enhanced mode "to the" standard model ").

3 Why is there no recorded file?

Need to see if the selected "record management" under the "Start
Recording" button.

4, why send the auxiliary stream, live auxiliary flow can not see?

You need to see the mining multicast server to send parameters IP
address is the IP address of the terminal is not auxiliary flow connection,
if yes, please choose not to send the auxiliary flow terminal IP address
parameter is sent.

, Why use the meeting of the notification system, the total telephone
leakage dial?

Check your phone line connection is in accordance with the LINE1
to the LINE4 the order. The default allocated in accordance with the
interface to the order of the call command, if the intermediate interface
vacant, the assigned call command can not be performed, resulting in
leakage dial.