

GIGAMEDIA

IP Network PA System Server Management V1.0

User Manual

1 Introduction

Product Introduction

The system mainly completes the configuration of GGM IPA series IP network terminals.

1.The server management system can real-time monitor the on/off line status of network terminals, occupancy status of current terminal.

2.Show the state of the conversation, the initiator and type of the current conversation, easy to manage, can end of the conversation directly.

3.Sever can create a terminal zone, easy to manage the operation.

4.The call tasks of the terminal can be configured, such as call transfer and other operations;

5.Alarm settings, all the 16-port alarm zones can be allocated according to the user's own needs respectively.

6.Create timing tasks, reduce manual operating costs, complete the specified task timely.

7.There are media library management, system alarm, ringing, tone and other audio files, all can be managed the operated from the server

8.System settings, user management, can finish the system management and complete information configuration.

Notice

1.Please prepare a clear computer as server to install software, Preferred to use to use windows server 2008 R2 system. please do not install any other software into it, in case cause some conflict for some procedure.

2.Some antivirus progress may stop installation. Please close antivirus progress and firewall before you install the software, and install it as Administrator mode to default file path.

The software is mainly accessed in the browser

Mainstream browser	Google, Firefox, IE(9 and above)
---------------------------	----------------------------------

2 Catalogue

1 Introduction.....	1
2 Catalogue.....	2
3 Installation Manual.....	4
4 Login.....	6
4.1 Software Authorization.....	6
4.2 Login settings.....	8
4.3 Main Interface.....	9
5 User Management.....	9
5.1 User List.....	9
5.2 User management operations.....	10
6 Terminal management.....	12
6.1 Terminal management interface.....	12
6.2 Terminal management operation.....	13
7 conversation status.....	18
7 Zone Management.....	19
7.1The Terminal Zone Management List.....	19
7.2 Zone Management Operation.....	20
8 Paging Configuration.....	23
8.1 Paging strategy management list.....	23
8.2 Paging configuration operation.....	24

9	Alarm configuration.....	27
9.1	Alarm device management list.....	27
9.2	Alarm configuration operation.....	28
10	Timer task management (Main list).....	30
10.1	Timer ring management.....	30
10.2	Timer task management.....	40
10.3	Regularly patrol management list.....	47
11	Remote control task setting.....	51
11.1	Remote task list.....	51
11.2	Remote task list operation.....	52
12	Media Library.....	58
13	Recording List.....	60
14	System setup.....	61
15	Postscript.....	63

3 Installation Manual

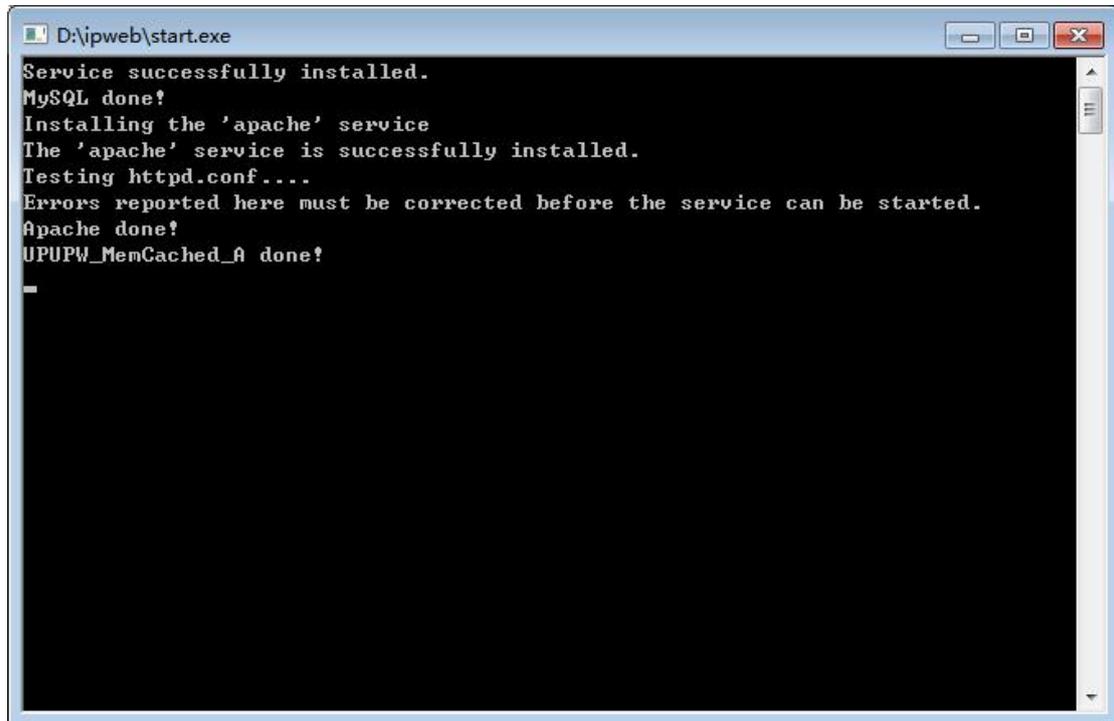
1.Double-click to run the software(Automatically get administrator privileges, please close the security guards when you install the software)

2.If you have installed the old version, it is prompted to uninstall the old version; if the first installation, it will be directly into the installation interface.

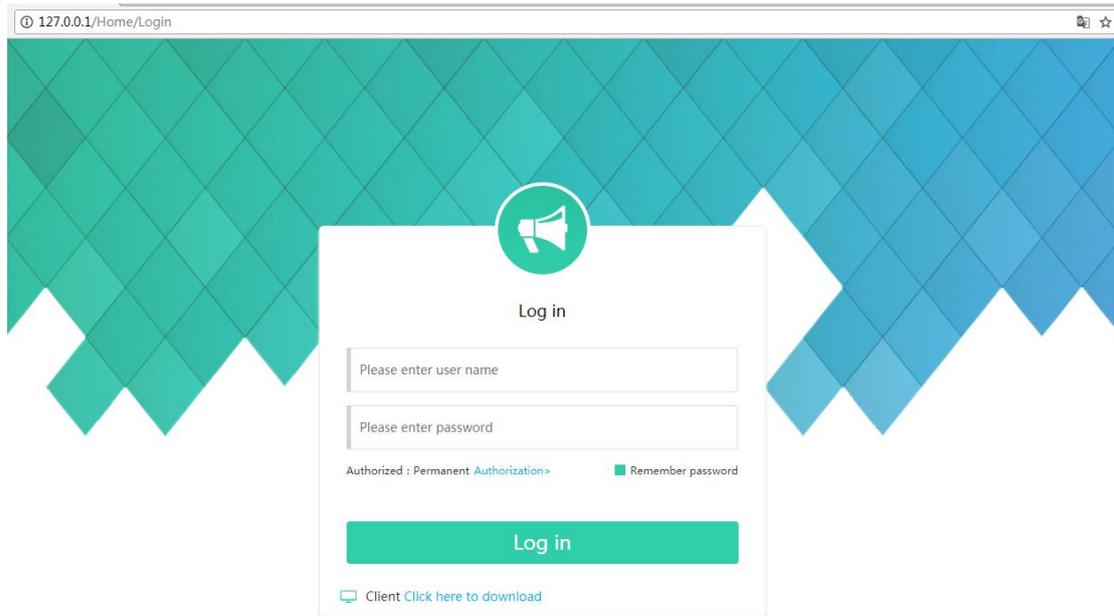


3.Installation path selection: no spaces / Chinese (recommended to install in the root directory)

4.The page will pop up after installation-



4.Wait for the starting-up to be finished, automatically access the browser and open the system login page



5.Visit: open the browser, enter the address 127.0.0.1 into the server management page, there will be a system login interface

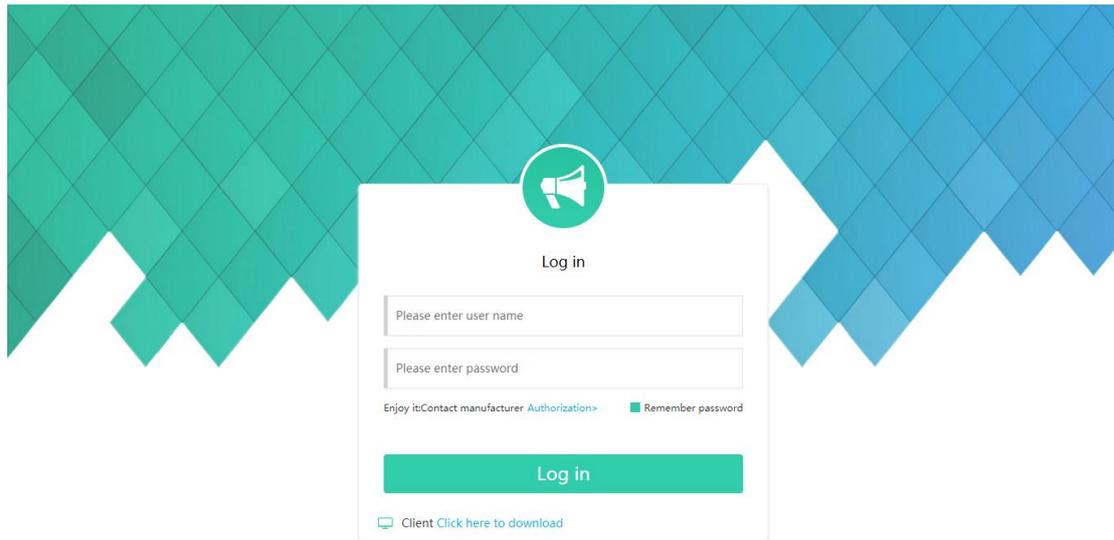


4 Login

4.1 Software Authorization

4.1.1 Trial Version

Software is not authorized, the default use of trial version, the trial version can only use the part of the functions. After it is authorized, then can use all the functions of the software, the authorized version includes the valid for use and permanent use.



4.1.2 Authorization method

➤ Dongle Registration

Insert the authorized dongle into the server host, click authorization on the login page to enter the authorization page, enter the dongle with the registration code, click "Register" to complete the software authorization.

➤ Serial Number registration

Provide the serial number on the authorization page to the internal R & D personnel and generate a registration code, enter the registration code on the authorization page to complete the software authorization.

4.2 Login settings

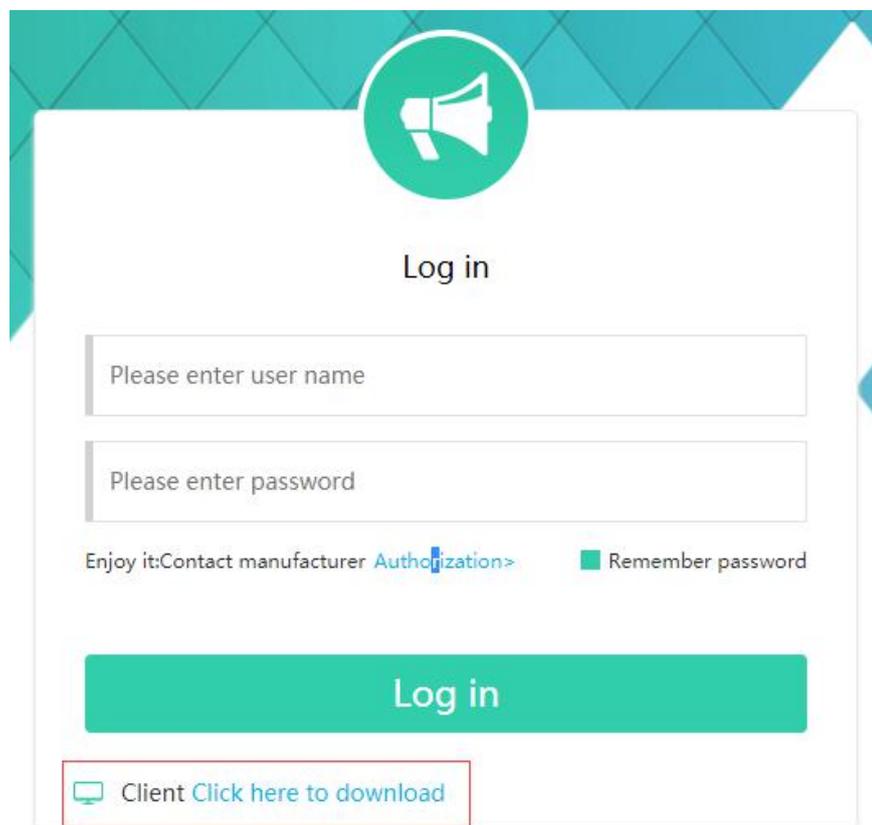
Before login account, you need to create an account in the web server management - user management, the default administrator account: admin, login password: 123456

The server account is no limit on the number of users; the same account can be logged on multiple web terminals.

The correct input to the normal login system; error message will be issued a reminder

- Login interface can also download the client software APP.

Login Example Figure 1.0

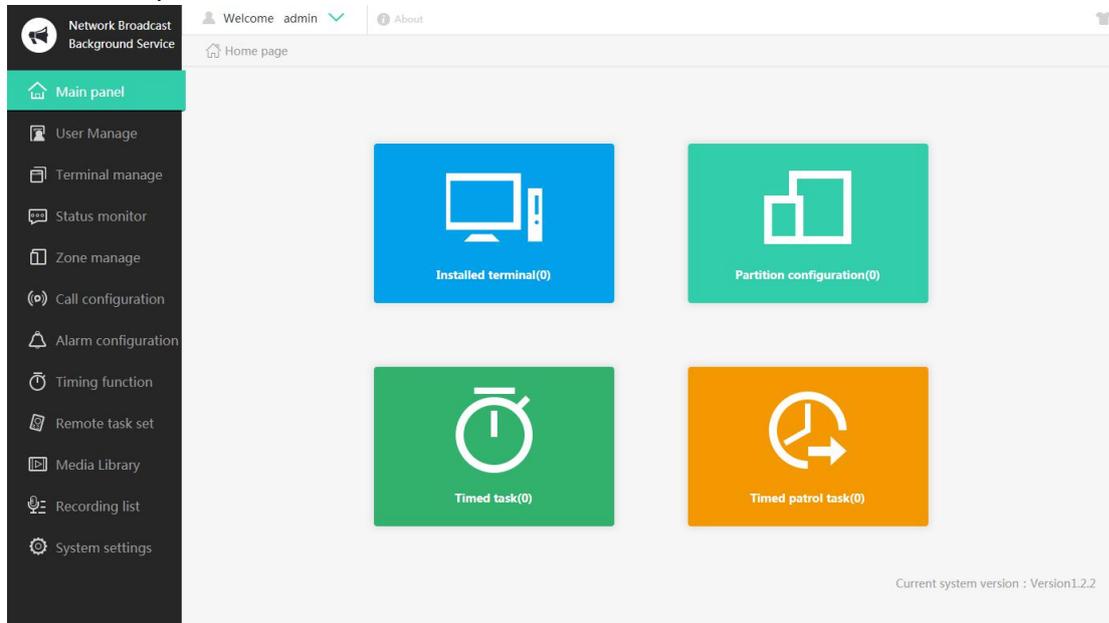


The image shows a login interface with a teal header and a white login form. At the top of the form is a circular icon of a megaphone. Below the icon is the text "Log in". There are two input fields: "Please enter user name" and "Please enter password". Below the password field is a link "Enjoy it:Contact manufacturer Authorization>" and a checkbox labeled "Remember password". At the bottom of the form is a large teal button labeled "Log in". Below the button is a link "Client Click here to download" with a small icon of a computer monitor.

Figure 1.0

4.3 Main Interface

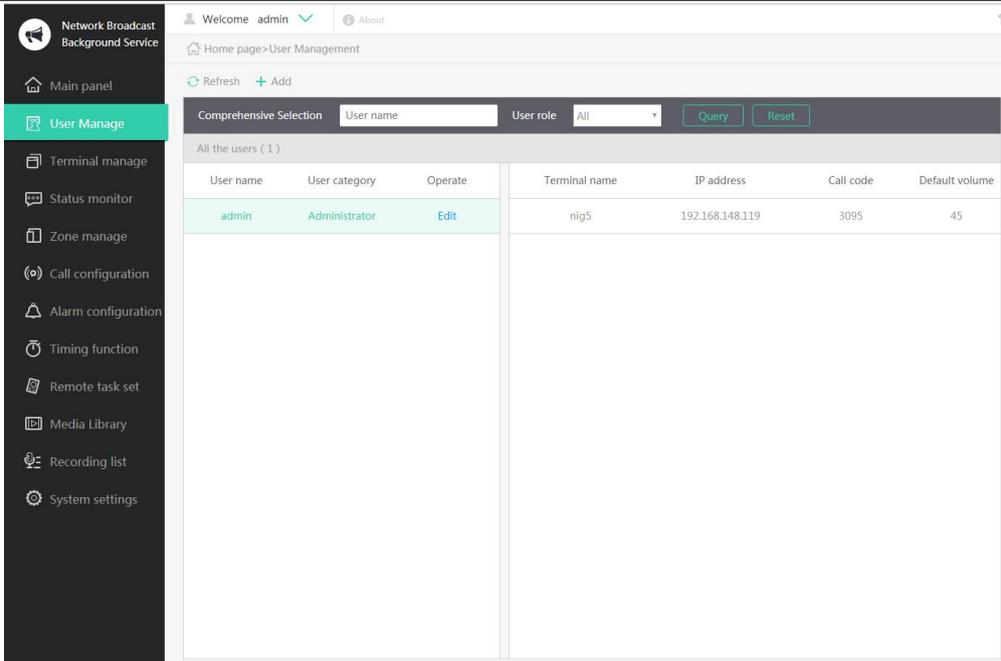
After login, enter the main interface, the main interface is the main functions of the shortcut port.



5 User Management

5.1 User List

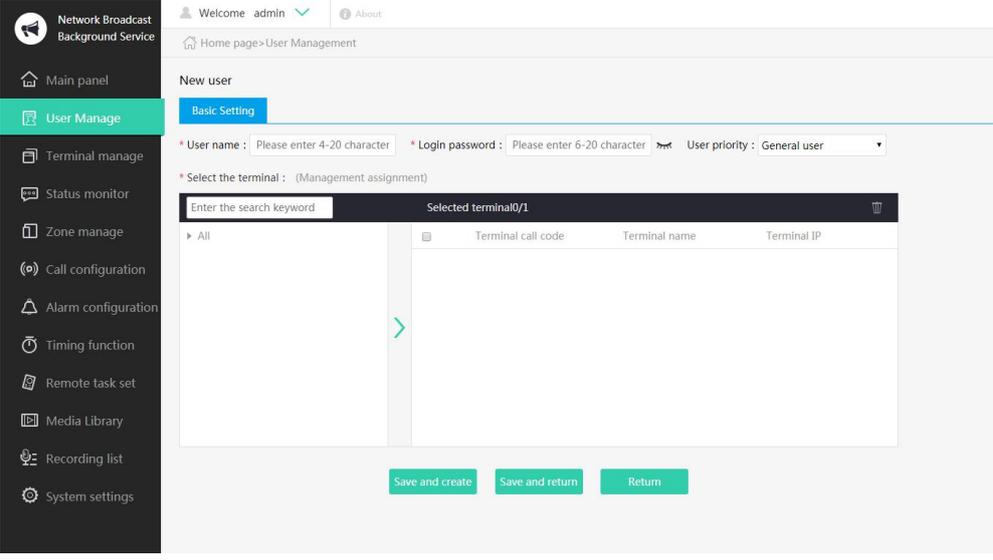
<p>Module overview</p>	<p>Complete the system user's maintenance function, the purpose is the operating user can register new system users and maintenance old system users in the system.</p>
<p>Function buttons</p>	<p>【New】 : Click then jump to the “new” interface 【Edit】 : Click then jump to the “edit” interface 【Delete】 : Click to delete the selected user data 【Query】 : Click to perform the query function 【Reset】 : Click to clear the query area query conditions</p>

<p style="text-align: center; font-weight: bold; font-size: 1.2em;">Process</p>	
<p>Explanation</p>	<p>NO</p>

5.2 User management operations

5.2.1 New

<p>Functional description</p>	<p>Complete the creation of new users in the system</p>			
<p>data</p>	<p>Data</p>	<p>Input method</p>	<p>Data specification</p>	<p>Remark</p>
	<p>user name</p>	<p>manual input</p>	<p>Required, unique; 4-20 non-null characters</p>	
	<p>user</p>	<p>manual</p>	<p>Required</p>	

	password	input		
	user type	manual selection	Required	
Sample page				
explanation	<p>1.Administrator users, no need to allocate the terminal, can be directly created successfully.</p> <p>2.Ordinary users, need to allocate the terminal in order to be created successfully.</p>			

5.2.2 Query

Functional description	Complete the function of the query based on the query condition entered by the user.			
Query conditions	query condition	input method	query specification	remark
	user name	manual input	Fuzzy query	NO
	user Character	manual selection	Accurate query	NO

constraint	NO
-------------------	----

5.2.3 Delete

Function description	Completed to delete the existing user
constraint	NO

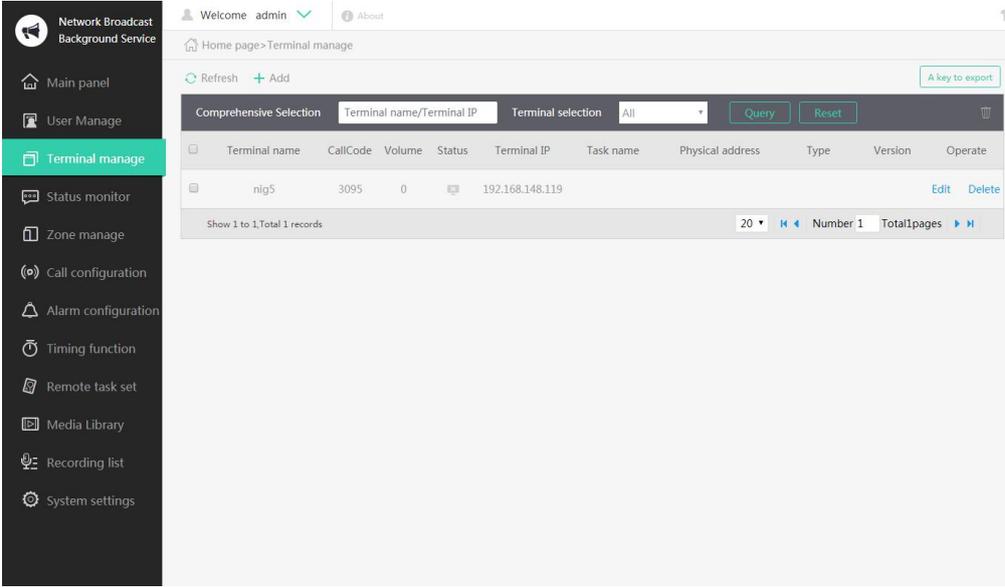
6 Terminal management

6.1 Terminal management interface

Terminal management interface, the main view, operational information

[Figure 2.0]

Module overview	To complete the maintenance function of IP network broadcast terminal, the purpose is operating user can create a new terminal and maintain the old terminal in the system.
function buttons	<p>【Refresh】 : Click the list to complete the refresh</p> <p>【New】 : Click then jump to the new interface</p> <p>【Query】 : Click to perform the query function</p> <p>【Reset】 : Click to clear the query area query condition, the list data is restored to the default list data.</p> <p>【One key to export】 : Click the pop-up window file to save the interface, after the completion, Automatically open the file</p>

	<p>location.</p> <p>【Edit】 : Click then jump to the terminal “Edit” interface.</p> <p>【Delete】 : Click to delete the selected terminal data.</p>
process	 <p>The screenshot displays the 'Terminal manage' interface. On the left is a dark sidebar with a menu including 'Main panel', 'User Manage', 'Terminal manage' (highlighted), 'Status monitor', 'Zone manage', 'Call configuration', 'Alarm configuration', 'Timing function', 'Remote task set', 'Media Library', 'Recording list', and 'System settings'. The main area shows a table with columns: Terminal name, CallCode, Volume, Status, Terminal IP, Task name, Physical address, Type, Version, and Operate. A single record is visible with Terminal name 'nig5', CallCode '3095', Volume '0', and Terminal IP '192.168.148.119'. Above the table are search and filter options, and a 'A key to export' button is in the top right.</p>
explanation	<p>1.A key to export, pop-up the save path window; or browser automatically download the file</p>

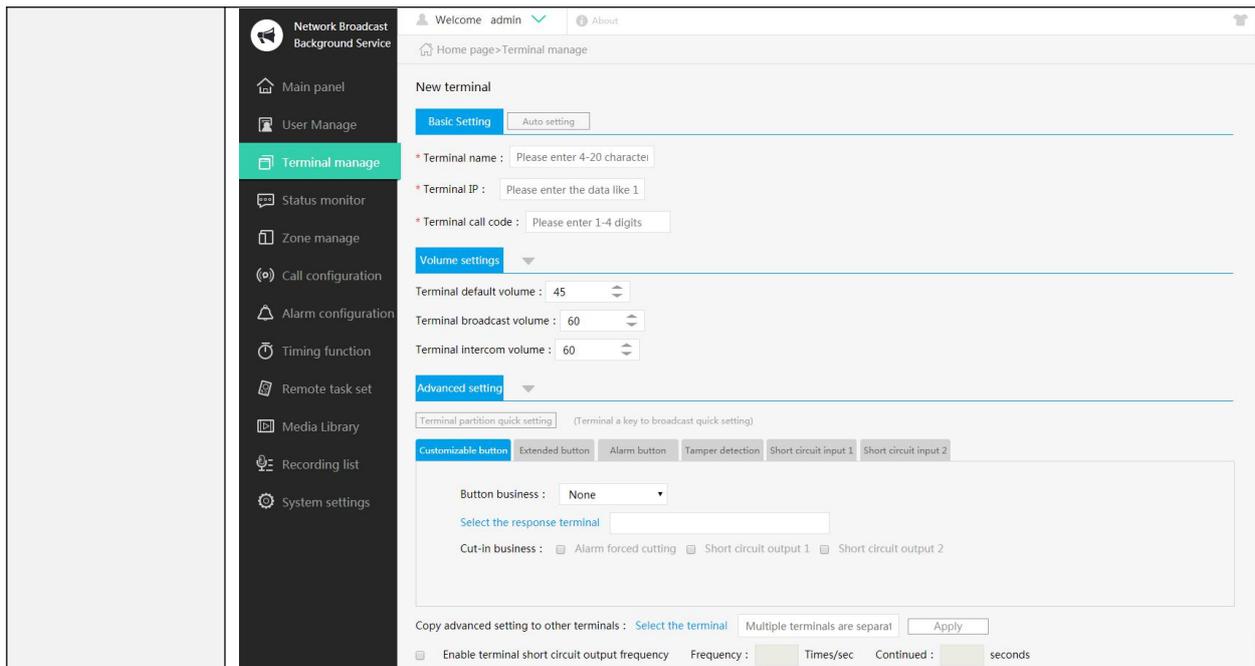
6.2 Terminal management operation

6.2.1 New

Functional description	Complete the creation of new terminals in the system			
data	Data	Input method	Data specification	remark
	Terminal	Manual	Required, unique;	

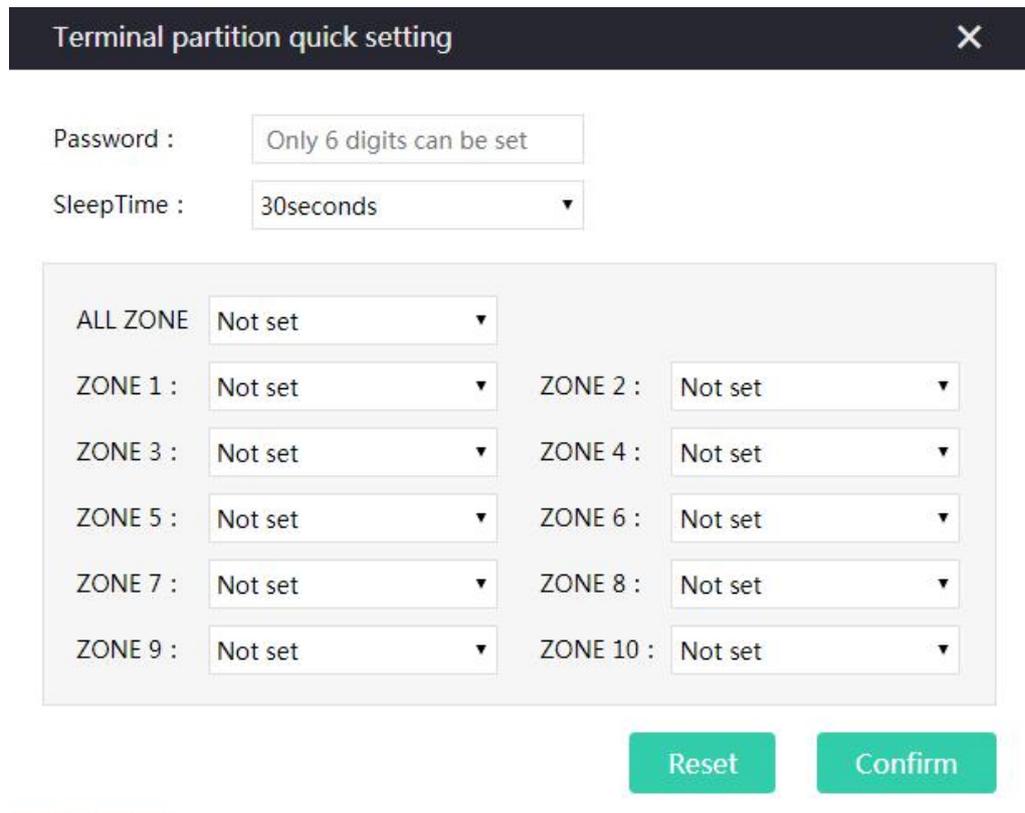
	name	input	4-20 non-null characters	
	Terminal IP	Manual input	Required, unique;	
	Terminal call code	Manual input	Required, unique; 1-4 bits are not numbered with 0	
	Terminal default volume ; Terminal broadcast volume ; Terminal intercom volume	Manual selection / input	The volume range is 0-100	
	Terminal zone settings	Manual selection	For 7702A terminal equipment	
	Customize button	Manual selection	For 7703,7703E terminal equipment	
	Extended button	Manual selection	For terminal equipment with Patrol extended button	

	Alarm button	Manual selection	7703,7703E terminal trigger	
	Tamper detection	Manual selection	terminal trigger With alarm button	
	Short circuit input 1	Manual selection	Short in1 (Short circuit trigger)	
	Short circuit input 2	Manual selection	Short in2 (Short circuit trigger)	
	Copy to other terminals	Manual selection	Copy the advanced settings to other terminal advanced settings (direct application)	
	Terminal short circuit output frequency	Manual start ; Frequency and time, manual input		
constraint	NO			



- 1.Auto setting:Click to automatically set the terminal name, terminal IP and terminal call code
- 2.Terminal shortcut zone settings pop-up window (the shortcut settings is for 7702A screen zone display)

**Sample
page**



- 3.Copy advanced settings to other terminals: select the terminal and click "Apply" to save the application data.

6.2.2 Query

Function description	Complete the function of query based on the query condition entered by the user.			
query condition	query condition	input method	Query description	remark
	Terminal name	manual input	Fuzzy query	NO
	IPTerminal IP	manual input	Fuzzy query	
	Online Status	Manual selection	Accurate query Single option: All / Online / Busy / Offline Default all	NO
constraint	NO			

6.2.3 Delete

Function description	Complete the function of delete the current terminal
-----------------------------	--

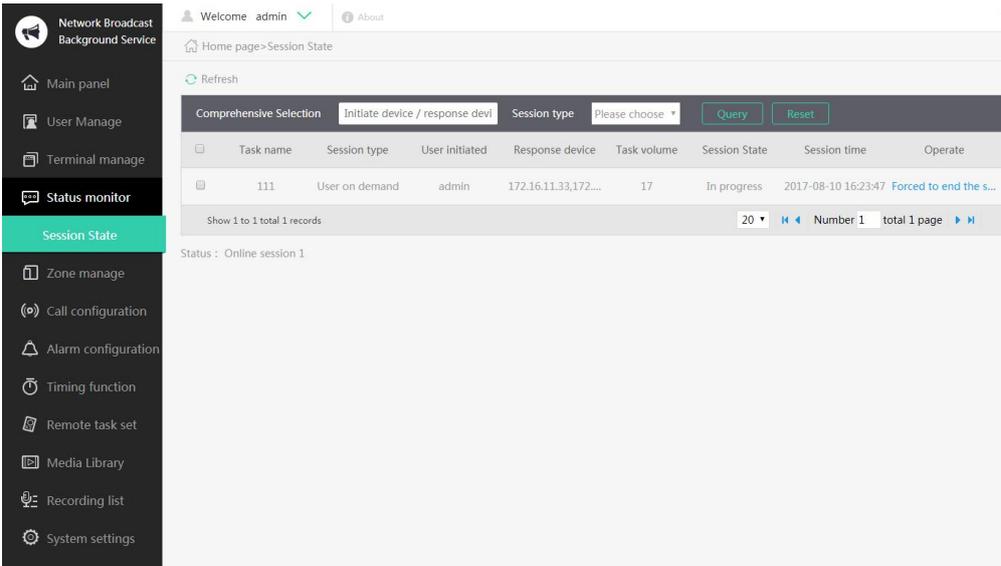
constraint	NO
-------------------	----

6.2.4 One key to export

Function Description	Complete to export the part of data in current terminal																																																
constraint	➤ one key to export, direct download and save the file																																																
sample interface	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Terminal name</td> <td>Call code</td> <td>Terminal IP</td> <td>Terminal number</td> <td>terminal default volume</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>nig5</td> <td>3095</td> <td>192.168.148.119</td> <td>1</td> <td>45</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		A	B	C	D	E	F	G	1	Terminal name	Call code	Terminal IP	Terminal number	terminal default volume			2	nig5	3095	192.168.148.119	1	45			3								4								5							
	A	B	C	D	E	F	G																																										
1	Terminal name	Call code	Terminal IP	Terminal number	terminal default volume																																												
2	nig5	3095	192.168.148.119	1	45																																												
3																																																	
4																																																	
5																																																	

7 conversation status

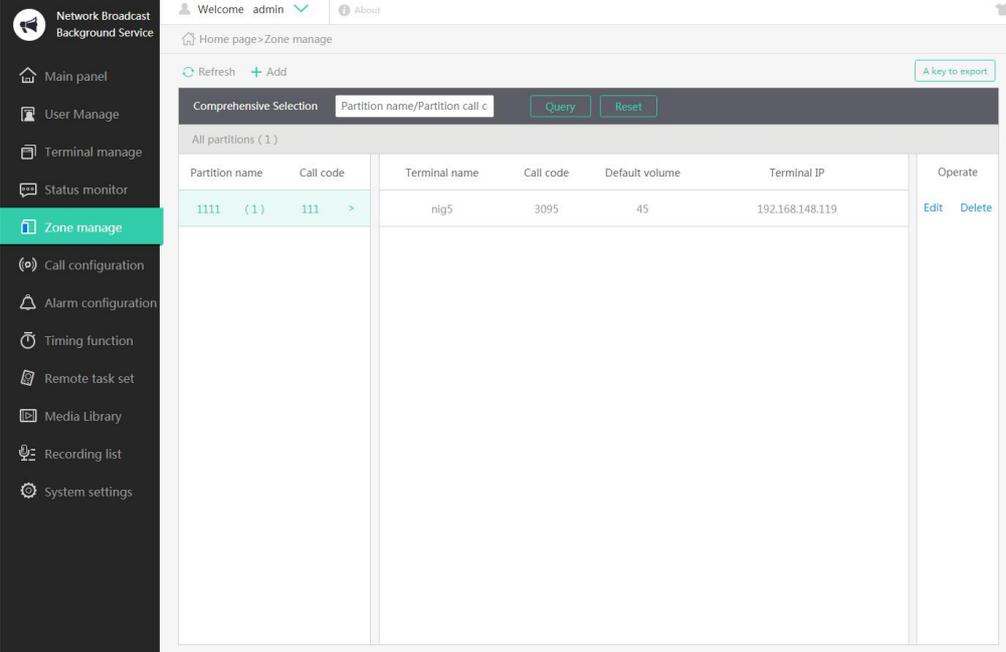
module overview	complete the presentation of the current terminal conversation status
function buttons	<p>【Refresh】 : Click the list to complete the refresh</p> <p>【Force End Conversation】 : Click to end the Conversation task</p> <p>【Query】 : Click to perform the query function</p> <p>【Reset】 : Click to clear the query area query condition, the list data is restored to the default list data.</p>

<p style="text-align: center;">Process</p>	 <p style="text-align: center;">1.The page is loaded to show all current conversation types.</p>
<p>Explanation</p>	<p>NO</p>

7 Zone Management

7.1The Terminal Zone Management List

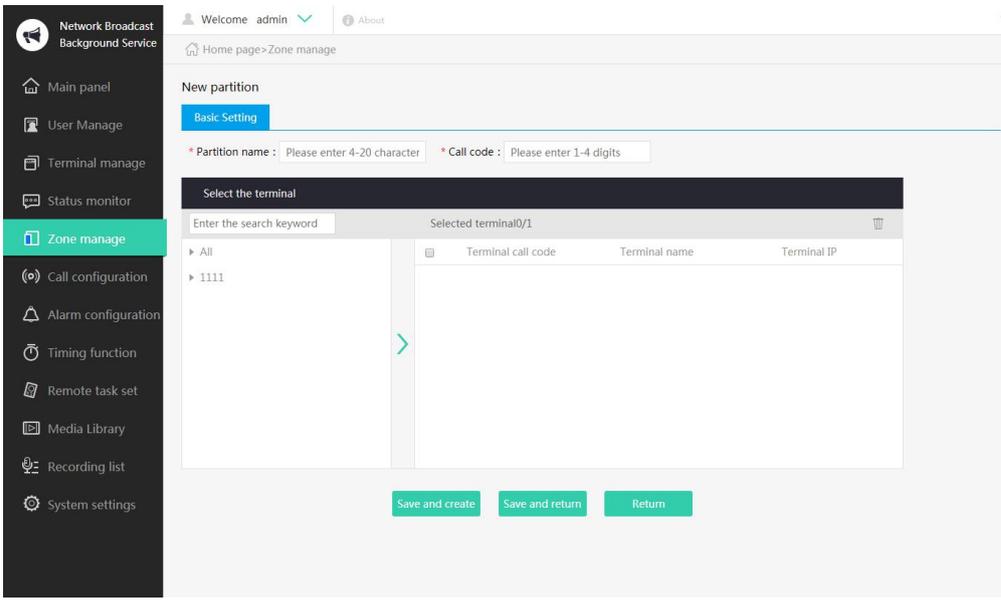
<p>Module Overview</p>	<p>Complete the function of terminal zone maintenance, the purpose is that users can create a terminal zone and maintenance in the system.</p>
<p>Function Buttons</p>	<p>【New】 : Click then jump to the “new” interface</p> <p>【One key to export】: click to automatically open the save path of the file (the system default to specify the save path)</p> <p>【Query】 : Click to perform the query function</p> <p>【Reset】 : Click to clear the query area query conditions</p>

	<p>【Edit】 : Click then jump to the zone “edit” interface</p> <p>【Delete】 : Click to delete the selected zone data</p>
<p>Process</p>	
<p>Explanation</p>	<p>1.Click the zone name line, the corresponding terminal data is switched.</p> <p>2.One key to export, download and save the file directly</p>

7.2 Zone Management Operation

7.2.1 NEW

<p>Function description</p>	<p>Complete the function of create zones in the system</p>			
<p>data</p>	<p>date</p>	<p>input method</p>	<p>data specification</p>	<p>remark</p>

	zone name	manual input	Required, unique; 4-20 non-null characters	
	zone code	manual input	Required, unique; 1-4 bits are not numbered with 0	
constraints	NO			
sample page				
Description	<p>1. Select the terminal as a generic interface</p> <p>2. Terminals can not be re-selected, different zones may exist the same terminal</p>			

7.2.2 Query

function description	complete the function of query based on the query condition entered by the user.			
query	query	input	query specification	remark

condition	condition	method		
	zone call code	manual input	Fuzzy query	NO
	zone name	manual input	Fuzzy query	NO
constraints	NO			

7.2.3 Delete

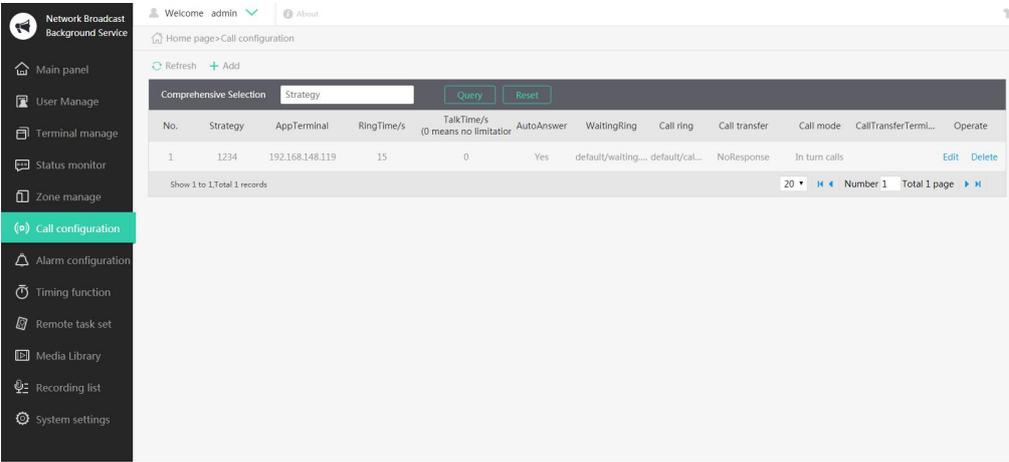
Function Description	Complete the deletion of the existing zone, and corresponds to the relevant zone settings, clear all datas (linkage data processing)
Business constraints	No

7.2.4 One key to export data

Function Description	Zone data export is finished.																																																
Constraint	➤ The export format is .xlsx.																																																
Example	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> </tr> </thead> <tbody> <tr> <td>1</td> <td colspan="2">Partition name(partition call code)</td> <td>Terminal name</td> <td>Terminal call code</td> <td>Default volume</td> <td colspan="2">Terminal IP</td> </tr> <tr> <td>2</td> <td colspan="2">1111(111)</td> <td>nig5</td> <td>3095</td> <td>45</td> <td colspan="2">192.168.148.119</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		A	B	C	D	E	F	G	1	Partition name(partition call code)		Terminal name	Terminal call code	Default volume	Terminal IP		2	1111(111)		nig5	3095	45	192.168.148.119		3								4								5							
	A	B	C	D	E	F	G																																										
1	Partition name(partition call code)		Terminal name	Terminal call code	Default volume	Terminal IP																																											
2	1111(111)		nig5	3095	45	192.168.148.119																																											
3																																																	
4																																																	
5																																																	

8 Paging Configuration

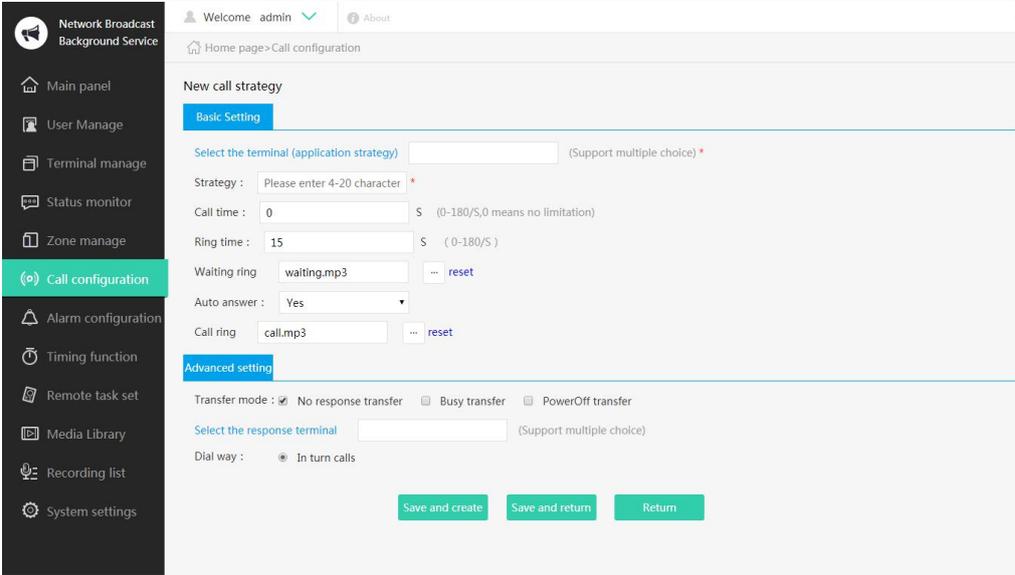
8.1 Paging strategy management list

<p>Module Review</p>	<p>New built paging strategy and maintenance of paging strategy are finished.</p>
<p>Function button</p>	<p>New-built: Click to jump to newinterface Volume control: Click to pop-up control interface Query: Click to operate query function Reset: Click to empty query area and query condition Edit: Click to jump to edit interface Delete: Click to delete selected paging strategy</p>
<p>Procedure</p>	
<p>Explanation</p>	<p>1. When the quantity of application terminal/paging terminal is large, the default quantity is 5. Move the mouse to check the detail.</p>

8.2 Paging configuration operation

8.2.1 New-built

Function	Newpaging strategy is finished.			
Description				
Data	Data Item	Input mode	Data specification	Remark
	Applicati on terminal	Manually select	Must, multiple choice	
	Strategy name	Manually input	Must and unique 4-20 characters	
	Communi cation time	Manually input	0-180/S, 0 represents no limited	
	Ring time	Manually input	0-180/S	
	Wait ring	Manually input	From media library	
	Auto answer	Manually input	Yes/No	
	Call	Manually	From media	

	ringtones	input	library	
	Transfer mode	Manually input	Multiple choice	
	Response terminal	Manually input	Multiple choice Do not conflict with application terminal	
	Dial mode	Manually input	Single choice	User could choose "dial at the same time" when the auto answer is selected "NO" .
Example				
Explanation	<p>1, When the auto answer option is "YES" , dial model is automatically changed to dial in order and no more change.</p> <p>2, Transfer mode: the default option is no response transfer.</p>			

	3, Transfer strategy: Carry out the first class strategy when conflict.
--	---

8.2.2 Query

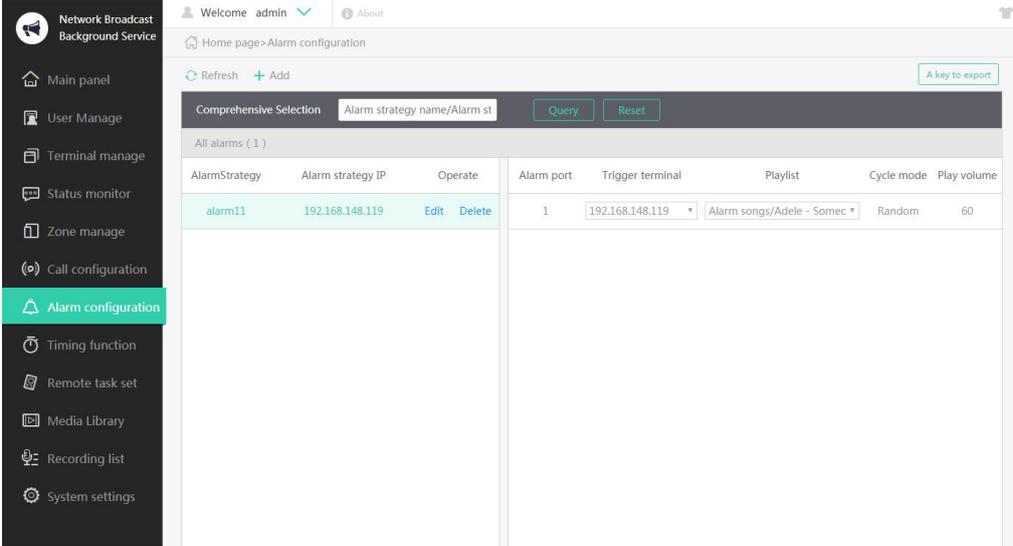
Function description	Query according to user' s query condition.			
Query condition	Query item	Input method	Query description	Remark
	Strategy name	Manually input	Vague query	NO
Constraint	None			

8.2.3 Delete

Function description	Delete of already existed paging strategy function is finished.
Constraint	None

9 Alarm configuration

9.1 Alarm device management list

<p>Module Review</p>	<p>Finish alarm devices maintenance function. The purpose is that user can build new alarm device, alarm trigger linkage and maintenance.</p>
<p>Function button</p>	<p>New-built: Click to jump to new interface Query: Click to carry out query function Reset: Click to empty query area and query condition Edit: Click to jump to alarm editor interface Delete: Cluck to delete the selected alarm strategy One key to export: Click to export the existing alarm data to local disc.</p>
<p>Procedure</p>	
<p>Explanation</p>	<p>One alarm device has only one alarm strategy. It means that alarm</p>

	strategy IP is unique.
--	------------------------

9.2 Alarm configuration operation

9.2.1 New-built

Function description	Finish the newof alarm devices in system			
Data	Data item	Input method	Data specification	Remark
	Alarm name	Manually input	Must, Unique ; 4-20 non-null characters ;	
	Alarm strategy code(Alarm IP)	Manually select	Must, Unique	
	Volume(alarm volume)	Manually select	Optional(default)	
	Trigger terminal	Manually select		
	Wait ring	Manually select		
	Play mode	Manually	Single option	

		select		
Example				
Explanation	<p>1, Play list can be multiple. Click and pull down to display more detail.</p> <p>2, Trigger terminal can be multiple, click and pull down to display selected terminal.</p> <p>3. One alarm has 16 ports and can choose terminal setting.</p>			

9.2.2 Query

Function description	Finish the filter and view alarm function.			
Data	Data item	Input method	Query Description	Remark
	IP Alarm name / IP	Manually input	Vogue query	无 None

Constraints	None
--------------------	------

9.2.3 Delete

Function description	Delete already existed alarm function
Constraints	None

9.2.4 One key to export

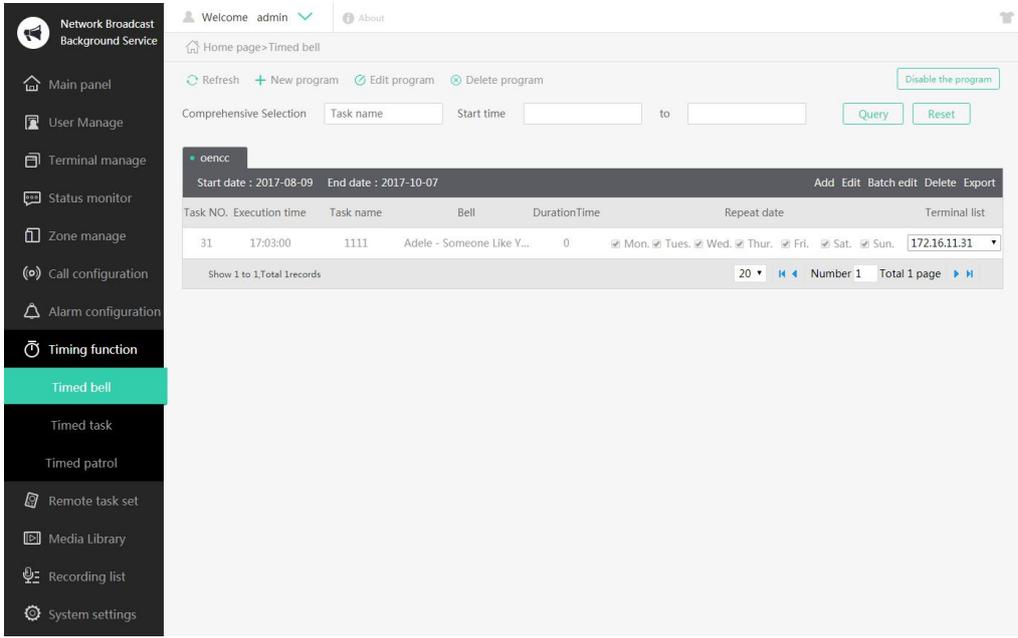
Function description	Finish export of already existed alarm function																																																						
Example	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Alarm IP</td> <td>Alarm name</td> <td>Alarm port</td> <td>Trigger terminal</td> <td>Playlist</td> <td>Play type</td> <td>Play volume</td> <td></td> </tr> <tr> <td>2</td> <td>192.168.148.119</td> <td>alarm11</td> <td>1</td> <td>192.168.148.119</td> <td>_20170810163350.mp3</td> <td>Loop</td> <td>60</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		A	B	C	D	E	F	G	H	1	Alarm IP	Alarm name	Alarm port	Trigger terminal	Playlist	Play type	Play volume		2	192.168.148.119	alarm11	1	192.168.148.119	_20170810163350.mp3	Loop	60		3									4									5								
	A	B	C	D	E	F	G	H																																															
1	Alarm IP	Alarm name	Alarm port	Trigger terminal	Playlist	Play type	Play volume																																																
2	192.168.148.119	alarm11	1	192.168.148.119	_20170810163350.mp3	Loop	60																																																
3																																																							
4																																																							
5																																																							
Constraints	None																																																						

10 Timer task management (Main list)

10.1 Timer ring management

Module review	Finish the maintenance of timer ring program. The purpose is that user can build new timer ring task and maintenance the record of the task.
	Newprogram: Click to open newprogram pop-up window

Function button	<p>Edit program: Click to open edit program pop-up window</p> <p>Delete program: Click to delete selected program</p> <p>Stop program: Click to stop the program, and button change to "Open program"</p> <p>New-built: Click to jump to timer task newinterface</p> <p>Edit: Click to jump to task editing interface</p> <p>Batch edit; Click to pop-up Batch edit windows</p> <p>Delete: Click to delete selected timer task</p> <p>Export: Click to export timer ring data</p> <p>Query: Click to carry out query function</p> <p>Reset: click to empty query area and query condition</p>
------------------------	---

Procedure	 <p>1. New program pop-up windows</p>
------------------	--

New program
✕

Name

Start date

End date

【Description】

- ① Program name, start date and end date are required to fill in
- ② Program name is 1-20 non-null characters
- ③ Start date and end date are manually input or select
- ④ End date should be later or the same as start date

2. Edit program pop-up windows

Edit program
✕

Name

Start date

End date

【Description】

- ① Each data specification should be the corresponding with newprogram

② When change the program date, user could make sure the date of existed tasks are included.

Batch edit pop-up windows

Batch edit

Task selection

Task number selection from 31 to 31

Enter the search keyword
1111

Selected task 0/1

Number	Task name
--------	-----------

Start time : Advance 8 S

DurationTime : 28 S

Select termianl : Add Select the terminal

Confirm Apply

【Description:】 Task can be selected by number or search function

3. Right-click the pop-up window

Task NO.	Execution time	Task name	Bell	Empty list	Repeat date	Terminal list
31	17:03:00	1111	Adele - Someone Like Y	Copy Task	Mon. Tues. Wed. Thur. Fri. Sat. Sun.	172.16.11.31

Show 1 to 1, Total 1 records

① Reminder of empty list

Confirm windows ✕

Sure to delete the task list named oencc ?

② Clone task

Clone ✕

Task name

Start time

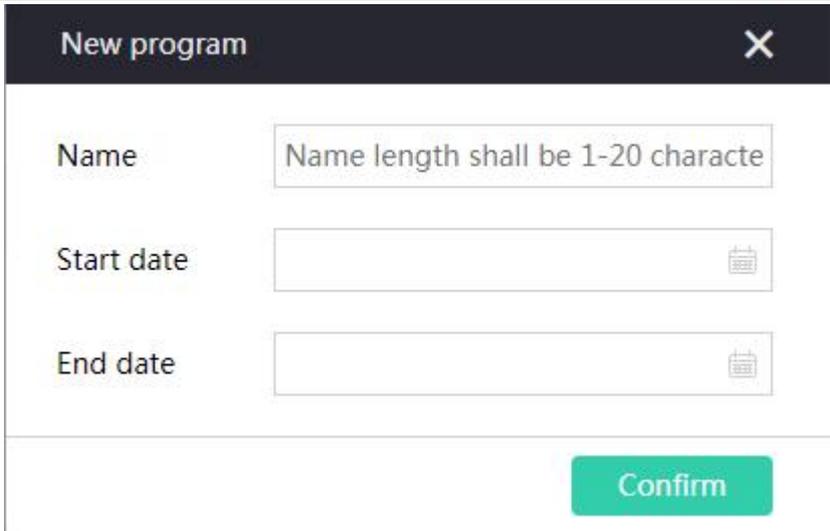
Select copy object

【Description】

- ① Task name, start time and clone subject are required to fill in
- ② Task name is 1-20 non-null characters
- ③ Start time can manually input or select

	④ The default of copy subject is the selected clone task. User could select other task by search function.
Description	None

10.1.1 New timer ring program

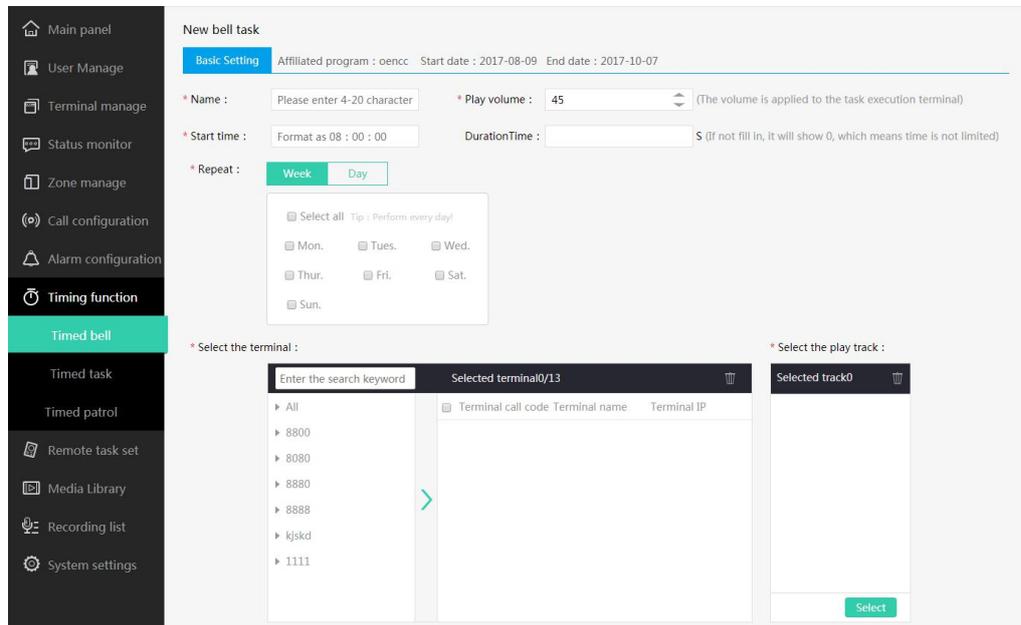
Function description	Built the new timer ring task			
Data	Data item	Input method	Data specification	Remark
	Program name	Manually input	Must be unique	
	Start date	Manually select/ input	Must be in date format	
	End date	Manually select/ input	Must be in date format	End date is later than start date
Example				

Constraint	None
-------------------	------

10.1.2 Timer task of new program

Function description	Complete the creation of new timer task in timer ring program			
Data	Data item	Input method	Data specification	Remark
	Task name	Manually input	Must , unique ; 4-20 non-null characters	
	Volume	Manually select/ input	Must	
	Start date	Manually select/ input	Must, date format	
	Time duration	Manually input	Optional	Default is 0, no limited time
	Repeat time	Manually select	Must	Repeat by date or weak
	Terminal selection	Manually select	Must	
Play track selection	Manually select	Must ; From media		

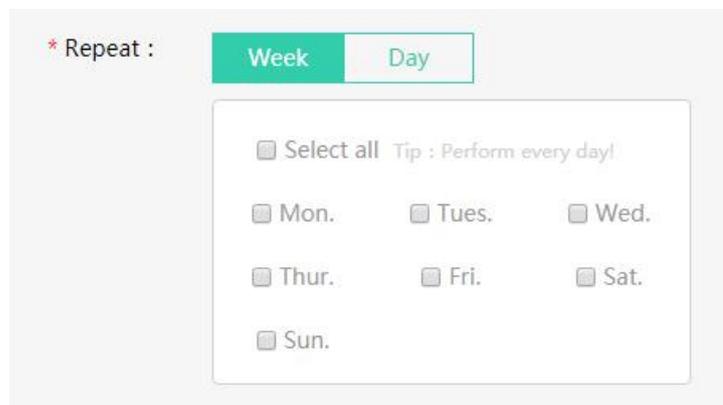
1.



Example

2. Repeat date selection

Repeat by week :



Description: directly select the repeat date

Repeat by day :

* Repeat :

Week Day

<< 2017 >>
< Aug. >

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

DateSelected(Date can be deleted) Clone

2017-8
9
10
11

Description :

- ① Only can select the date later than start date. If not, wrong operation reminder will be indicated.
- ② Move mouse to top right side of the date. User can delete the date by clicking delete icon.
- ③ Select one month on right side and click to clone button to show the clone pop-up windows.

Clone date
×

Please select clone month

1
 2
 3
 4
 5
 6

7
 8
 9
 10
 11
 12

Confirm

Confirm the reminder
×

Sure to overridden the clone data(invalid date will be automatically filtered) ?

Confirm

	<p>Click “confirm” , then pop-up window will close and data on right side will be refreshed automatically.</p> <p>④ Invalid date will be filtered automatically during clone.</p>
Explanation	1.Task start time/ repeat time is valid only if it is within valid time of program

10.1.3 Query

Function description	Query according to user’ s query condition.			
Query condition	Query item	Query method	Query description	Remark
	Task name	Manually input	Vogue query	None
	Start time	Manually select/ input	Precise query	None
Constraint	None			

10.1.4 Delete program

Function	Delete already existed timer ring program
-----------------	---

description	
Constraint	None

10.1.5 Export

Function description	Export the timer task data from selected program.																																																						
Example	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Task number</td> <td>Execution time</td> <td>Task name</td> <td>Bell</td> <td>Duration time</td> <td>Repeat date</td> <td>Terminal list</td> <td></td> </tr> <tr> <td>2</td> <td>31</td> <td>17:03:00</td> <td>1111</td> <td>20170809091627.mp3</td> <td></td> <td>0ed.,Thur.,Fri.,Sat.,Sun.</td> <td>172.16.11.31</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		A	B	C	D	E	F	G	H	1	Task number	Execution time	Task name	Bell	Duration time	Repeat date	Terminal list		2	31	17:03:00	1111	20170809091627.mp3		0ed.,Thur.,Fri.,Sat.,Sun.	172.16.11.31		3									4									5								
	A	B	C	D	E	F	G	H																																															
1	Task number	Execution time	Task name	Bell	Duration time	Repeat date	Terminal list																																																
2	31	17:03:00	1111	20170809091627.mp3		0ed.,Thur.,Fri.,Sat.,Sun.	172.16.11.31																																																
3																																																							
4																																																							
5																																																							
Constraint	None																																																						

10.2 Timer task management

Module review	Finish maintenance function of timer task. The purpose is that user can create new timer task in system and maintenance historical record of timer task.
Function button	<p>New: Click to jump to new interface</p> <p>Clone: Click to pop-up windows and finish clone task</p> <p>Edit: Click to jump to edit interface</p> <p>Delete: Click to delete selected timer task</p> <p>Execute test : Click to execute selected timer task</p> <p>Stop test: Click to stop executing timer task</p> <p>Query: Click to execute query function</p>

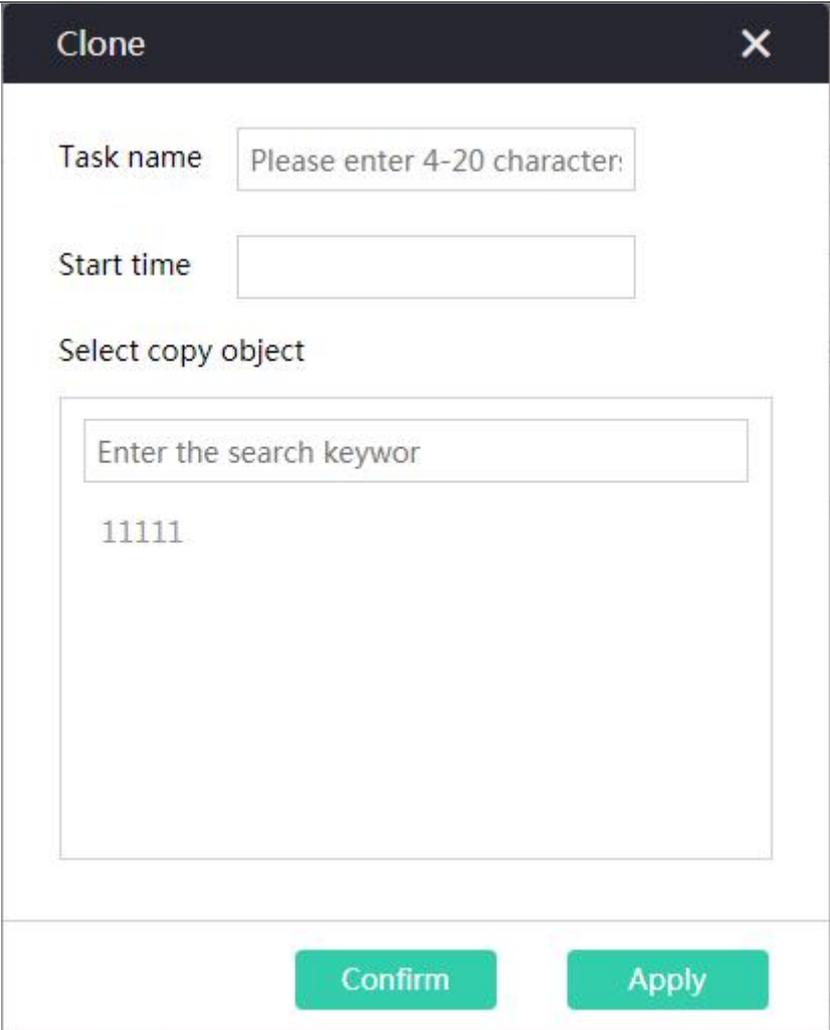
Reset: Click to empty query area and query condition

Procedure

The screenshot shows the 'Network Broadcast Background Service' interface. The sidebar menu on the left includes options like 'Main panel', 'User Manage', 'Terminal manage', 'Status monitor', 'Zone manage', 'Call configuration', 'Alarm configuration', 'Timing function', 'Timed task' (highlighted), 'Timed patrol', 'Remote task set', 'Media Library', 'Recording list', and 'System settings'. The main content area displays a 'Timed task' configuration page. At the top, there is a 'Comprehensive Selection' section with a 'Task name' input field and 'Query' and 'Reset' buttons. Below this is a table with columns: Task name, RunTaskTerminal, StartTime, Duration/s, Volume, Repeat, and Operate. The table contains one row for task '11111'. To the right of the table, there is a detailed view for the selected task, showing 'Audio source : file list', 'Start date : 2017-08-09', 'End date : 2017-08-23', and a list of files with their durations. At the bottom, there is a 'Create user : admin' field.

Task name	RunTaskTerminal	StartTime	Duration/s	Volume	Repeat	Operate
11111	172.16.11.31	11:03:30	60	20	<input checked="" type="checkbox"/> Mon. <input checked="" type="checkbox"/> Tues. <input checked="" type="checkbox"/> Wed. <input checked="" type="checkbox"/> Thur. <input checked="" type="checkbox"/> Fri. <input checked="" type="checkbox"/> Sat. <input checked="" type="checkbox"/> Sun.	Edit Delete Perform Stop

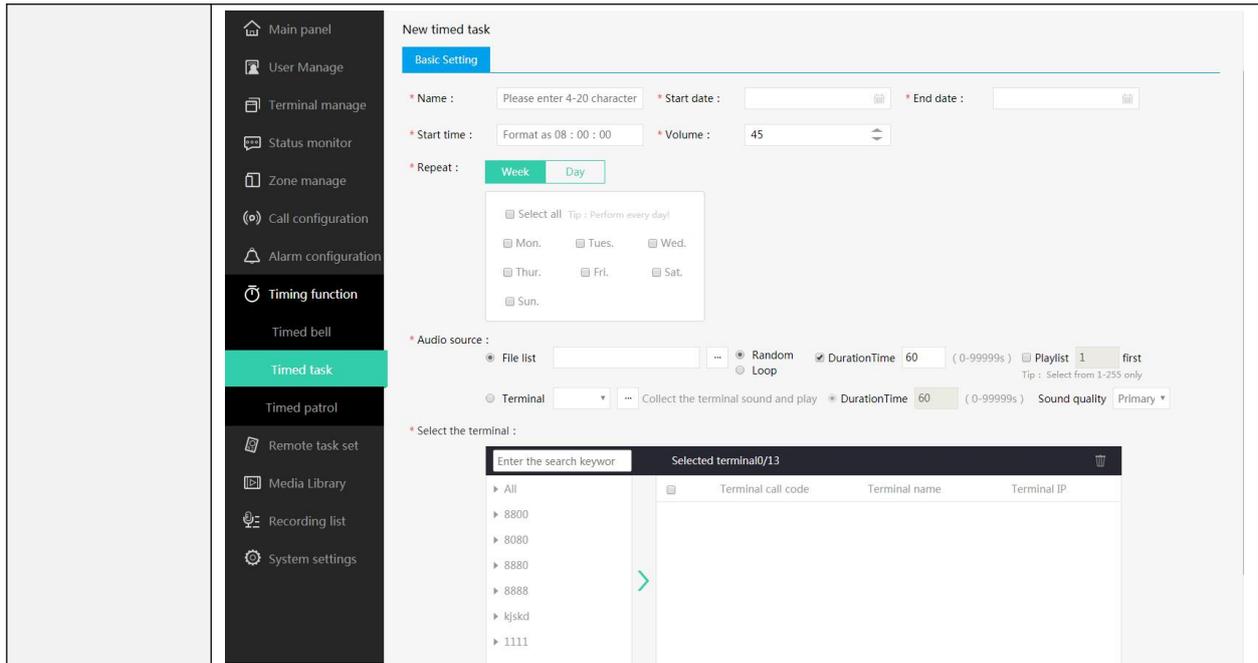
1. Clone pop-up windows

	
Explanation	<p>1.Click apply represents to start one clone. Operation continues after empty filled data. Click confirm represents to finish one clone. Pop-up windows will close automatically.</p>

10.2.1 New

Function Description	Complete the new timing tasks in the system			
Business	Data Item	Input Mode	Data	Remarks

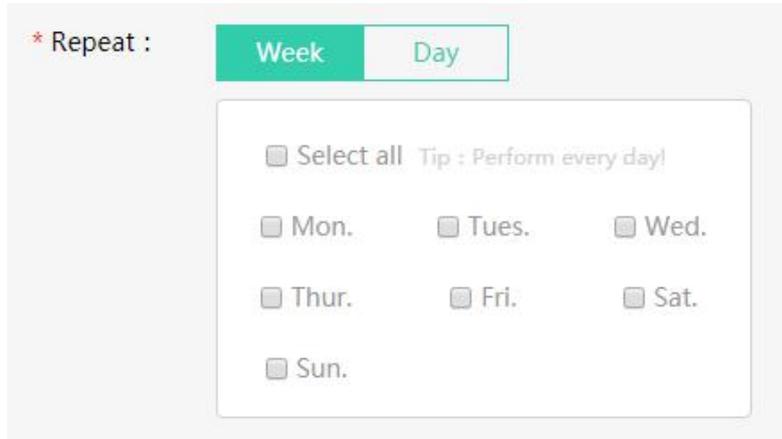
data			specification	
	Task Name	Manual Input	Must fill; sole; 4-20 non-empty characters	
		Manual select/Input	Must fill, date format	
	Task end daae	Manual select/Input	Must fill, date format	The end date must not less than the start date
	Task start date	Manual select/Input	Must fill, date format	24-hour
	Repeat	Manual select	must fill	
	Audio source	Manual select	must fill	When selected filelist, duration/playlist must be selected
	Terminal selection	Manual select	must fill	



1. Repeat date selection

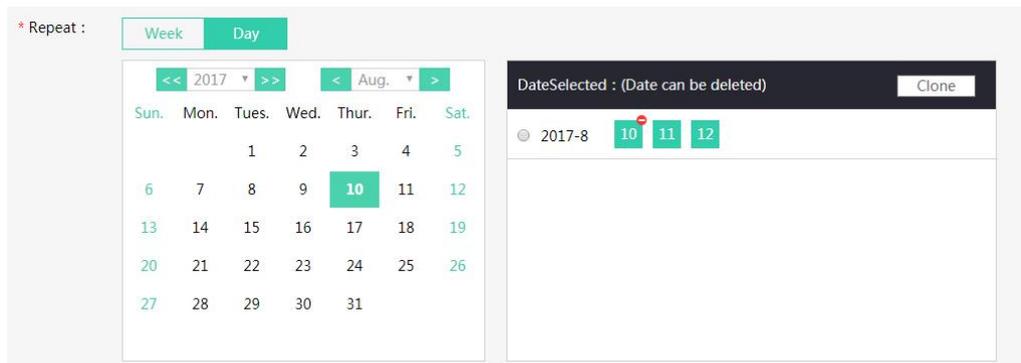
Repeat weekly :

Example



【explanation】 : just check the week you want to repeat

Repeat Daily :

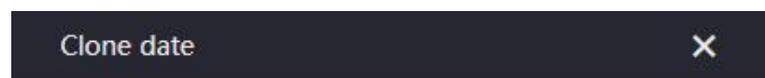


【explanation】

① Can only select the date within the task starting time, select the invalid date will report error

② Move the mouse to the date on the right, appear the Delete logo, click and delete the date

③ Select a month on the right, click the clone key and then the clone date popover would be appeared



Please select clone month

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Confirm



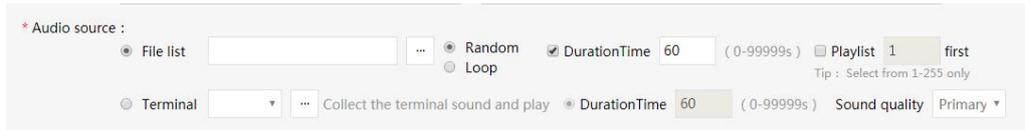
Sure to overridden the clone data(invalid date will be automatically filtered) ?

Confirm

Click "confirm" to close the popover and automatically refresh the data on the right

④ Automatically filter invalid dates when cloning

2. Audio source selection



Can only select and play one audio source (file audio source/terminal audio source)

① file audio source :

Busin ess data	Date Item	Input Mode	Date Specification	Remarks
	Filelist	Manual Select	Must fill	multiple choices
	Play mode	Manual Select	must fill (Default random play)	
	duration time	Manual input	umber 0-99999	
	playlist	Manual input	number 1-255, means the music play number	Duration and playlist can only be selected one

② terminal audio source :

Busin	Data item	Input	Data	Remark
-------	-----------	-------	------	--------

	ess		mode	specification	
	data	Terminal selection	Manual select	must fill, the terminal must have sound pick-up	
		duration time	manual input	must fill, number 0-99999	
		voice quality	manual select	must fill, selection items: Junior/intermediate/advanced	
Business constraint	No				

10.2.2 Query

Function explanation	The query function is to search query according to the input query conditions			
query condition	Query condition	input mode	query statement	remark

	item			
	task name	manual input	fuzzy query	no
Business constraint	No			

10.2.3 Delete

function description	Complete deletion of existing timed task functions
Business constraint	No

10.3 Regularly patrol management list

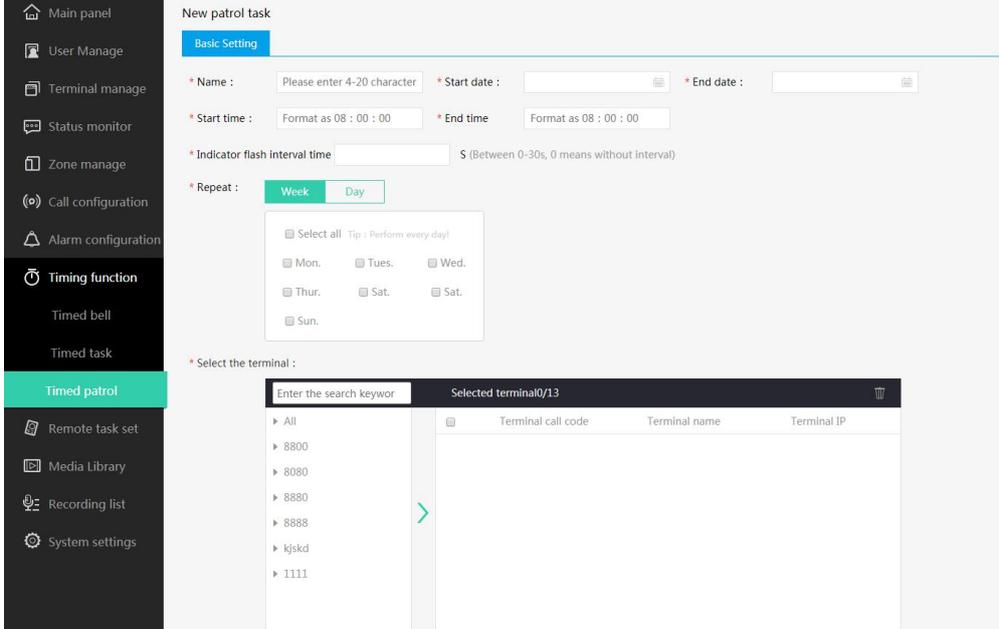
Fuzzy introduction	The Purpose of this function is the create new timed task and maintain the old timed patrol record
function key	<p>【New】 : Click and jump to new interface</p> <p>【Patrolling record】 : Click to go to the track record page</p> <p>【Edit】 : Click and jump to edit interface</p> <p>【Delete】 : Click and delete the selected timing patrol tasks</p> <p>【Excute test】 : Click to perform the selected timing patrol tasks</p> <p>【 close test 】 : Click to stop the regular patrol tasks in the</p>

	<p>execution</p> <p>【query 】 : Click and execute the query function</p> <p>【Reset】 : Click and clear the query condition in the query area</p>
business process	
Business constraint	No

10.3.1 New

function description	Complete the new timing patrol tasks in the system			
Business data	Data Item	Input Mode	Data specification	Remarks
	Task Name	Manual Input	Must fill; sole; 4-20	

			non-empty characters	
Task end date	Manual select/Input		Must fill, date format	
Task end date	Manual select/Input		Must fill, date format	The end date must not less than the start date
Task start date	Manual select/Input		Must fill, date format	24-hour
Task end date	Manual select/Input		Must fill, date format	The end date must not less than the start date
Repeat	Manual select		must fill	
Terminal selection	Manual select		must fill	

<p style="text-align: center;">Sample page</p>	
<p>Business constraint</p>	<p>No</p>

10.3.2 Query

<p>Function explanation</p>	<p>The query function is to search query according to the input query conditions</p>			
<p>query condition</p>	<p>Query condition item</p>	<p>input mode</p>	<p>query statement</p>	<p>remark</p>
	<p>task name</p>	<p>manual input</p>	<p>fuzzy query</p>	<p>no</p>
<p>Business constraint</p>	<p>No</p>			

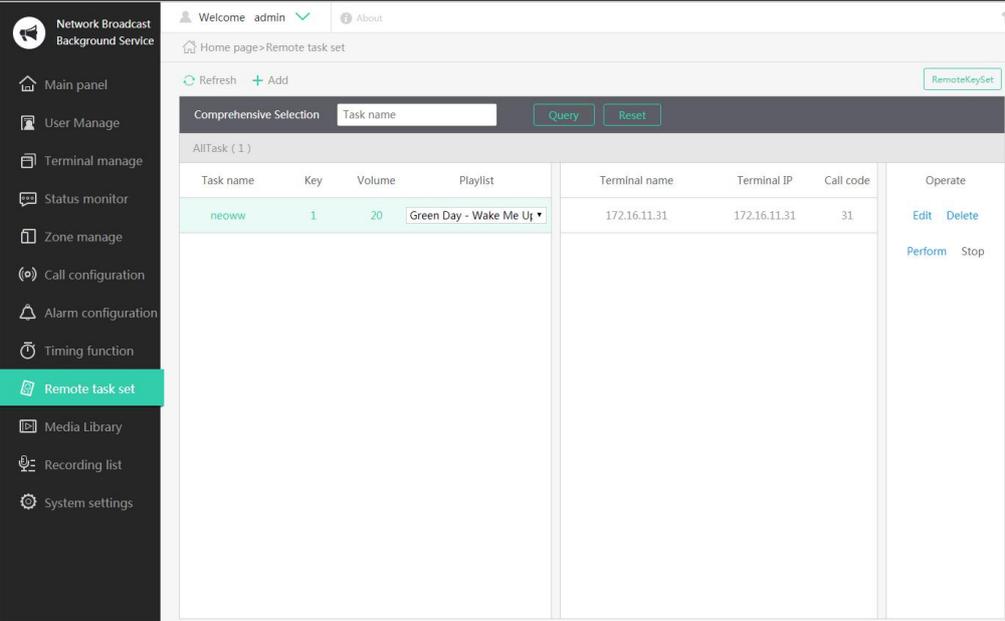
10.3.3 Delete

function description	function of complete deletion of existing regular patrol task
Business constraint	No

11 Remote control task setting

11.1 Remote task list

Fuzzy Description	The Purpose is the create and manage the remote control tasks
Function key	【new】 : Click and jump to new interface 【query】 : Click and execute the query function 【reset】 : Click and clear the query condition 【 remote control key setup 】 : click and the pop-up the remote control Settings window

<p>business process</p>	
	<p>Explanation NO</p>

11.2 Remote task list operation

11.2.1 New

<p>function description</p>	<p>Function of finish the task create new remote control in system</p>			
<p>business data</p>	<p>Data Item</p>	<p>Input Mode</p>	<p>Data specification</p>	<p>Remarks</p>
	<p>Task Name</p>	<p>Manual Input</p>	<p>must fill, sole</p>	
	<p>key select</p>	<p>Manual select</p>	<p>must select</p>	<p>one key can only set on task</p>
	<p>volume</p>	<p>Manual Input</p>	<p>must fill</p>	

	select terminal	Manual select	must select	
	select music play	Manual select	must select	
sample page				
Business constraint	No			

11.2.2 Remote control key setting

function description	Complete the function of defining the remote control key and the remote control disabled time in the system			
business data	Data Item	Input Mode	Data specification	Remarks
	Function key definition	manual select	optional, sole	one key can only set on task

	Remote control disabled time	Add manually	optional	
	port number	manual input	optional	

sample page

RemoteKeySet
✕

KeyDefinition

New/Switch

PreviousSong

NextSong

Volume+ :

Volume- :

Pause/Resume

Stop :

SerialNumber

RemoteDisableTime +

Number	Start time	End time	
1	08:40:00	09:30:00	Edit Delete

Confirm
Cancel

一、 function key definition

KeyDefinition

New/Switch

PreviousSong

NextSong

Volume+ :

Volume- :

Pause/Resume

Stop :

SerialNumber

【Description】 1. Define each key's function of the remote control , and the

	<p>key cannot be repeated</p> <p>2.New/switching: to switch currant remote control task</p> <p>3.The remote control can only operate Previous one, next, volume, pause and stop on the current remote control task</p> <p>二、 Add disabled time</p> <div data-bbox="395 539 1406 875" style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <div style="background-color: #333; color: white; padding: 5px; display: flex; justify-content: space-between;"> SetDisableTime × </div> <div style="padding: 10px;"> <p>Start time : <input type="text"/> End time : <input type="text"/></p> <p style="text-align: center;"> Confirm Cancel </p> </div> </div> <p>【Description】</p> <p>1. Start time and end time as required</p> <p>2.The end time must be greater than the start time</p> <p>3.when disable time setting completed, the remote control cannot be used during that time</p> <p>三、 editing and deletion during the disabled periods</p> <div data-bbox="395 1355 1125 1556" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p style="text-align: right;">RemoteDisableTime +</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Number</th> <th style="text-align: left;">Start time</th> <th style="text-align: left;">End time</th> <th style="text-align: left;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>08:40:00</td> <td>09:30:00</td> <td style="text-align: right;"> Edit Delete </td> </tr> </tbody> </table> </div>	Number	Start time	End time		1	08:40:00	09:30:00	Edit Delete
Number	Start time	End time							
1	08:40:00	09:30:00	Edit Delete						
<p>Business constraint</p>	<p>No</p>								

11.2.3 Edit

<p>function</p>	<p>Complete the function of editing past remote tasks in the system</p>
------------------------	---

description				
business data	Data Item	Input Mode	Data specification	Remarks
	Task Name	Manual Input	Must fill; sole	
	key select	Manual select	must select	one key can only set on task
	volume	Manual Input	must fill	
	select terminal	Manual select	must select	
	select music play	Manual select	must select	
sample page				

Business constraint	No
----------------------------	----

11.2.4 query

Function explanation	The query function is to search query according to the input query conditions			
query condition	Query condition item	input mode	query statement	remark
	task name	manual input	fuzzy query	no
Business constraint	No			

11.2.5 Delete

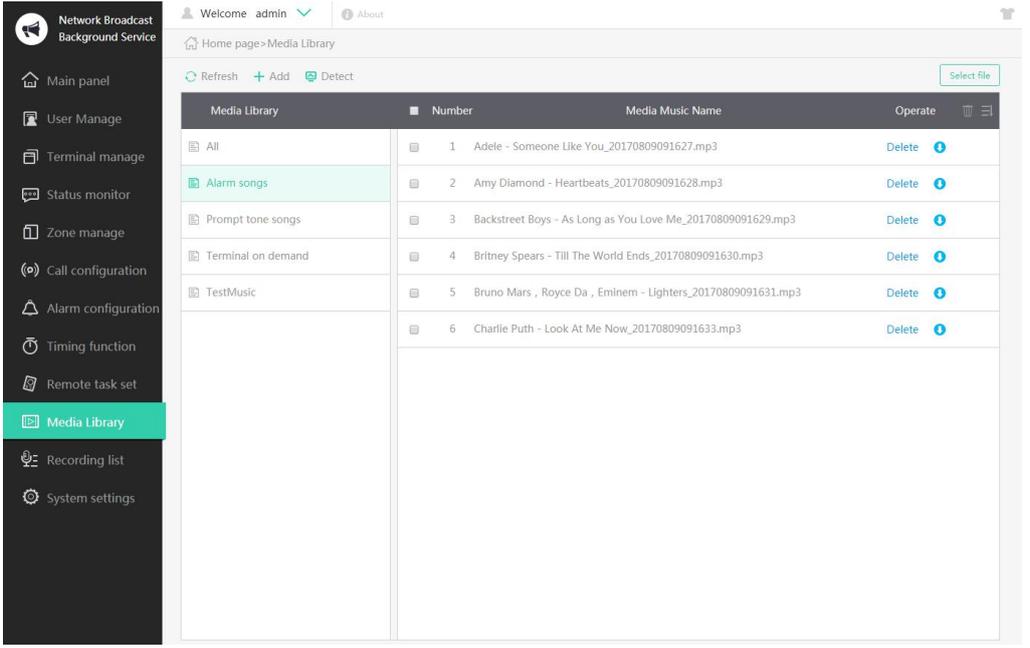
function description	function of delete the existing remote control task
Business constraint	No

11.2.6 Perform test/stop testing

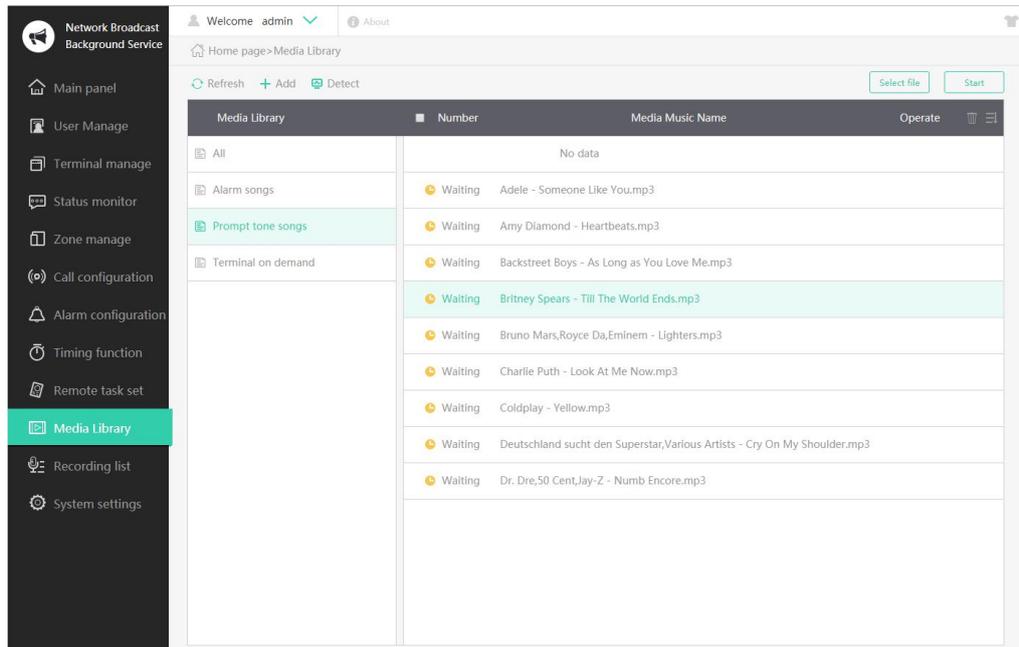
function	Performs the designated remote control task starting and
-----------------	--

description	closeing
Business constraint	No

12 Media Library

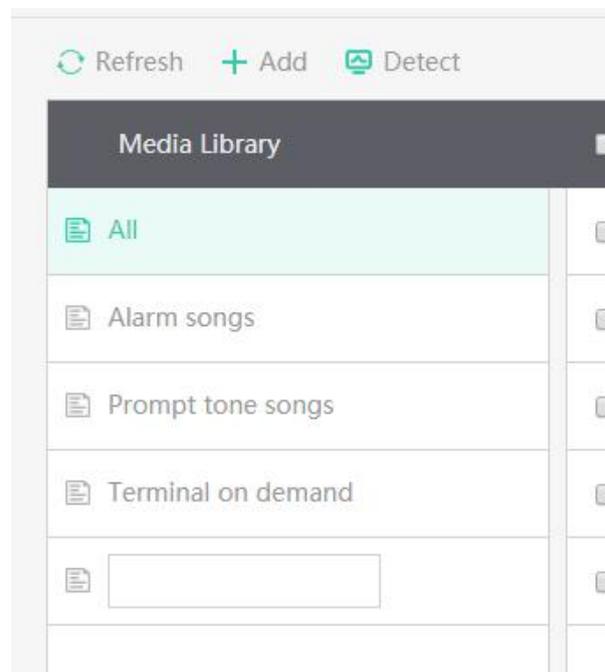
Fuzzy Overview	Complete system media music management and maintenance
function key	<p>【NEW】 : Click and add file classification to the file list</p> <p>【Delete】 : Click and delete the relevant media files</p> <p>【download】 : Click and download the media files to local</p> <p>【Bulk Deletion】 : Click and Delete the selected media files</p> <p>【bulk download】 : Click to download the selected media files</p> <p>【select files】 : Click and open the local folder</p>
business process	

1.Upload media music



Click "start upload" after selecting the local media file to start file uploading, If switch folders, then uploading would be stopped

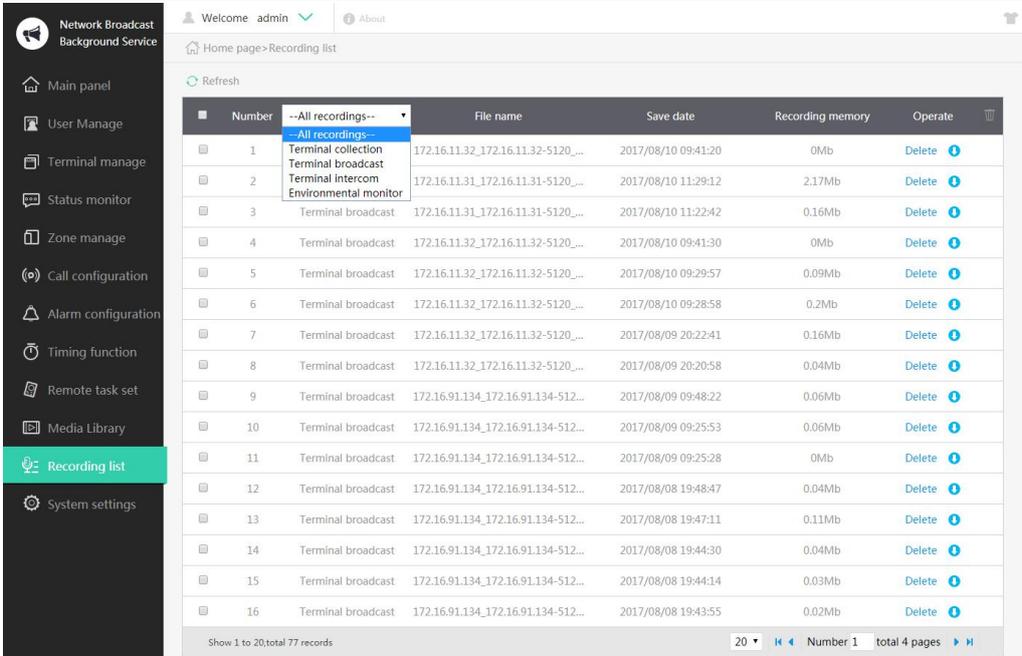
2.new folder



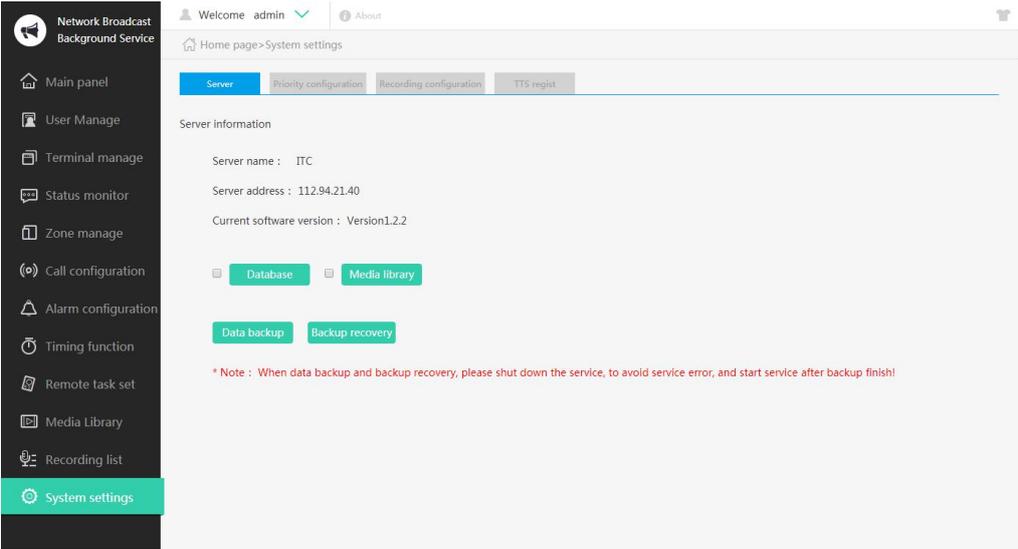
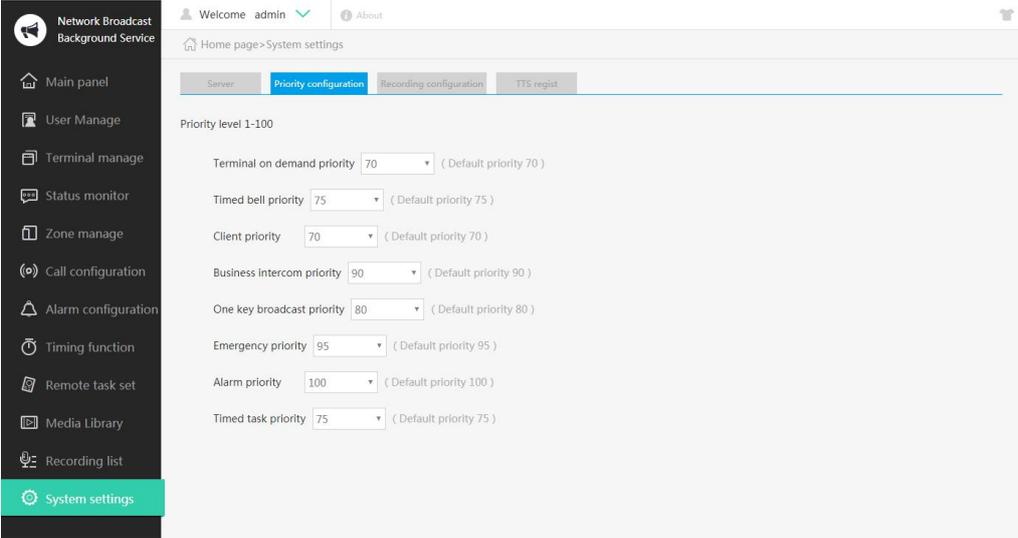
Double-click the folder name to modify the folder name, and the default folder is immutable

	3.File detection: click to detect whether the media file exists, the nonexistent file name would shown red
Explanation	

13 Recording List

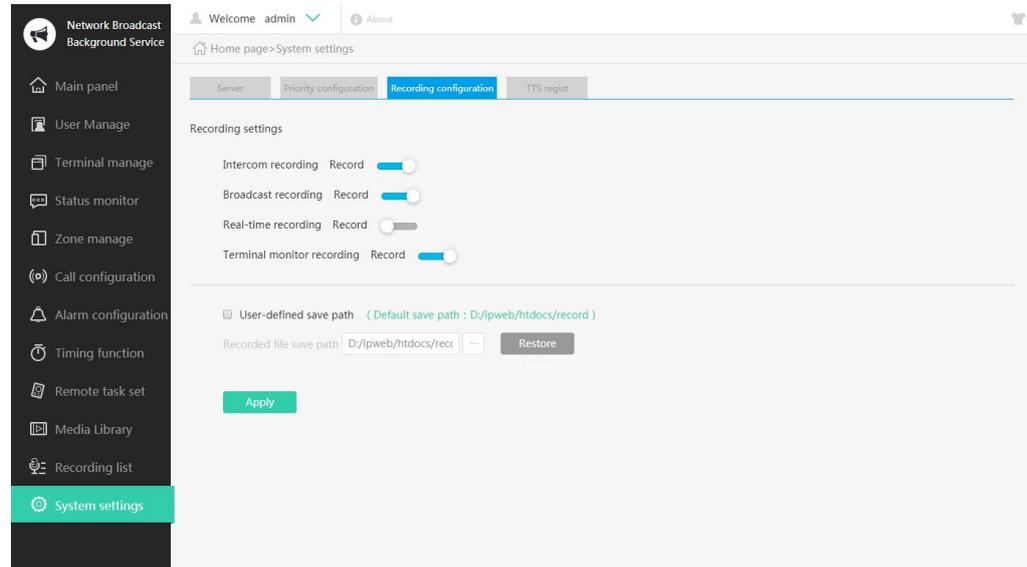
fuzzy overview	system recording files overview and download
function key	Manual pull-down select filter to view the recording type 【Delete】 : Click and delete the relevant recording file 【download】 : click and download the recording files to local 【Bulk delete】 : click and bulk delete the selected recoding files
business process	
Explanation	NO

14 System setup

<p>Fuzzy overview</p>	<p>Complete the system current setting and configuration</p>
<p>business process</p>	<p>1.server</p>  <p>[Description] 1. Displays the current server name, address, and current software version information.</p> <p>2. Priority configuration</p>  <p>[Description] 1.Show priorities for each task, not support</p>

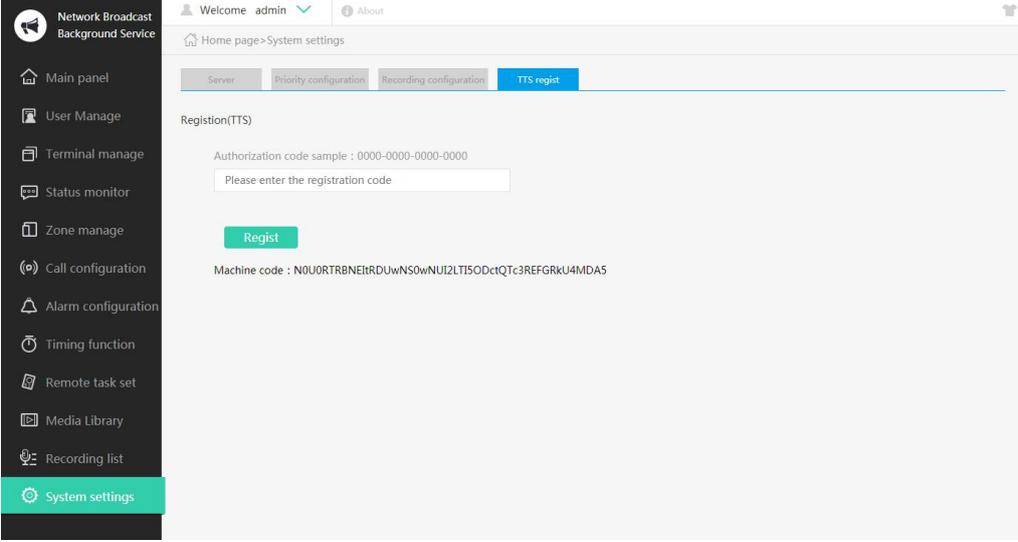
modification

recording configuration



- [Description]*** 1.It can set up the recording for tasks like intercom, broadcast, real time collection and terminal monitoring.
2. Can modify the recording file save path and restore the default value by one key
- 3.The save path can be modified after checking the box of "Customize save path"
- 4.After modifying the path, click "apply" to save the data, this operation is independent with the recording set

4.TTS Registration

	 <p><i>[Description]</i> 1. Can be registered with TTS function 2. Enter the authorization code and click to register.</p>
Explanation	NO

15 Postscript

This document is only applicable to the V1.0 IP network broadcast background management system