

ACR-B040/ACR-B080

TELEPHONE RECORDING SYSTEM

USER'S *MANUAL*

ACR-B040/ACR-B080 TELEPHONE RECORDING SYSTEM

User's Manual

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Overview

Front Panel

The front panel contains various status LEDs that indicates system activities / faults.



- POWER
Power LED.
- ACT
Solid Bright – LAN connected / Dark – LAN not connected / Blink – Transferring Data
- 100M
Solid Bright – 100Mbps LAN connected / Dark – 10Mbps or No LAN connected
- LED 1-4(ACR-B040) / LED 1-8(ACR-B080)
Solid Bright – The channel is occupied / Blink - The channel is un-occupied

Rear Panel

The rear panel contains registered jacks as telephone / LAN interfaces.



- DC12V
Power jack for connecting bundled adaptor.
- Jack 1-4(ACR-B040) / Jack 1-8(ACR-B080)
RJ-11 jacks for analog telephone line connections.
- LAN
RJ-45 jack for LAN / PC connection.

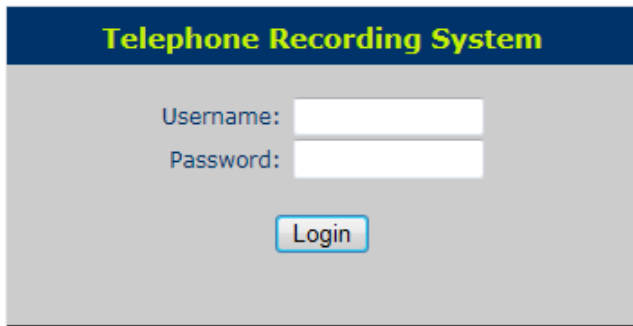
Before You Start

The factory default IP of ACR-B040/ACR-B080 is “192.168.0.190”. If your LAN was on a different network segment (e.g. 192.168.1.XX), you have to change the IP first. Please connect ACR-B040/ACR-B080 to a PC on the same network segment, and log in to it by Internet Explorer to change the default IP.

Operating Instructions

Login

Run Internet Explorer, type in system IP to access the telephone recording system. The default Username is [admin](#), and the default Password is [admin](#). Please set your desktop resolution as 1280 * 768 for the best result.



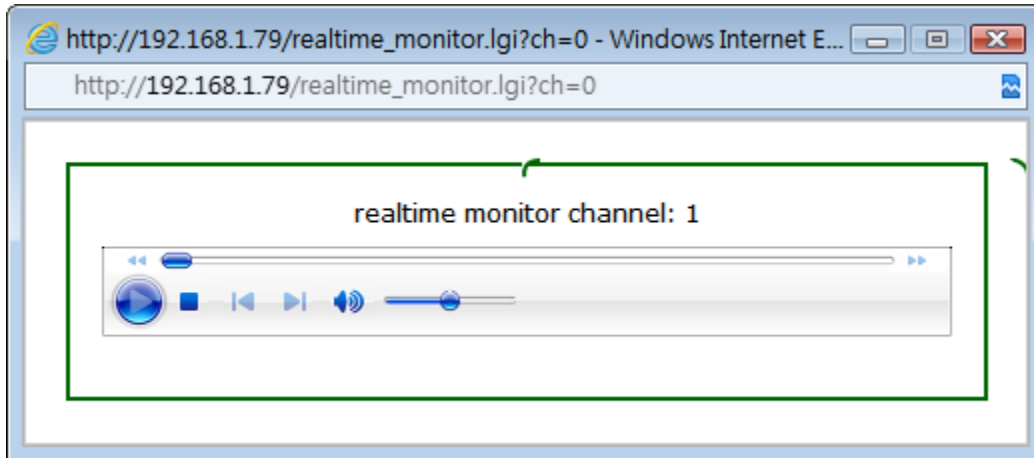
The screenshot shows a web browser window with a dark blue header containing the text "Telephone Recording System" in yellow. Below the header, on a light gray background, there are two input fields: "Username:" followed by a white text box, and "Password:" followed by a white text box. Below these fields is a blue button with the text "Login" in white.

Channel Status

The system will show current channel status after you log in successfully.

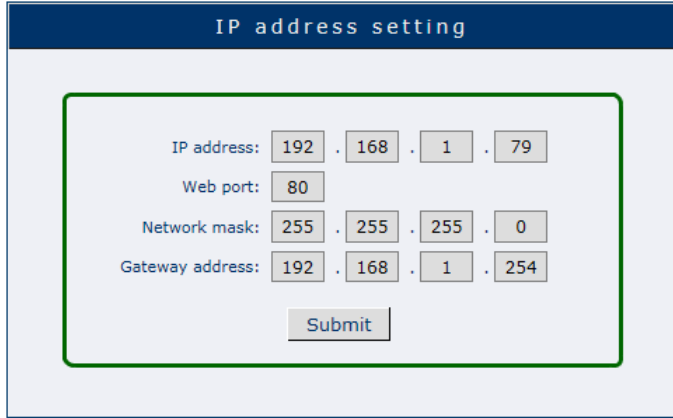
Channel status					
Channel	Line number	Status	Number	Time length	Monitoring
1	704	Incoming	065982065	0:00:18	Monitoring
2	702	Idle			Monitoring
3	701	Idle			Monitoring
4	703	Idle			Monitoring
5	700	Idle			Monitoring
6	705	Idle			Monitoring
7	706	Outgoing	0936353760522822	0:02:29	Monitoring
8	707	Outgoing	0875618938318311211121101101831	0:01:11	Monitoring

Click “Monitoring” to start real-time monitoring the call.



IP Address Setting

Here you can change IP address related settings. Please contact your IT staff if you need more help.



The screenshot shows a web interface titled "IP address setting" with a dark blue header. The main content area is light gray and contains a green-bordered box with the following settings:

- IP address: 192 . 168 . 1 . 79
- Web port: 80
- Network mask: 255 . 255 . 255 . 0
- Gateway address: 192 . 168 . 1 . 254

A "Submit" button is located below the settings.

Download Software

You can download G.729 decoder and Firefox browser here. Your PC has to have G.729 decoder installed in order to play recordings thru the web.

Download software

G.729 decoder

[↓ DOWNLOAD](#)

[Firefox](#) Browser



[Local Download v3.6.17](#)
[Official Download v3.6.17](#)
[Official All Download List](#)

Recommend [Firefox](#)

Query by Time

Here you can query the recordings by designating the time.

2011 7 1						
Channel	Line Number	Total	Outgoing	Incoming	Missed Calls	Details
1	700	21	9	12		Details
2	701	14	8	6		Details
3	702	18	14	4		Details
4	703	7	1	6		Details
5	704	4	3	1		Details
6	705	3	1	2		Details
7	706	8	7	1		Details
8	707	17	16	1		Details

Single day
 Multi-day
 Date: 2011-07-01
 [Details](#)

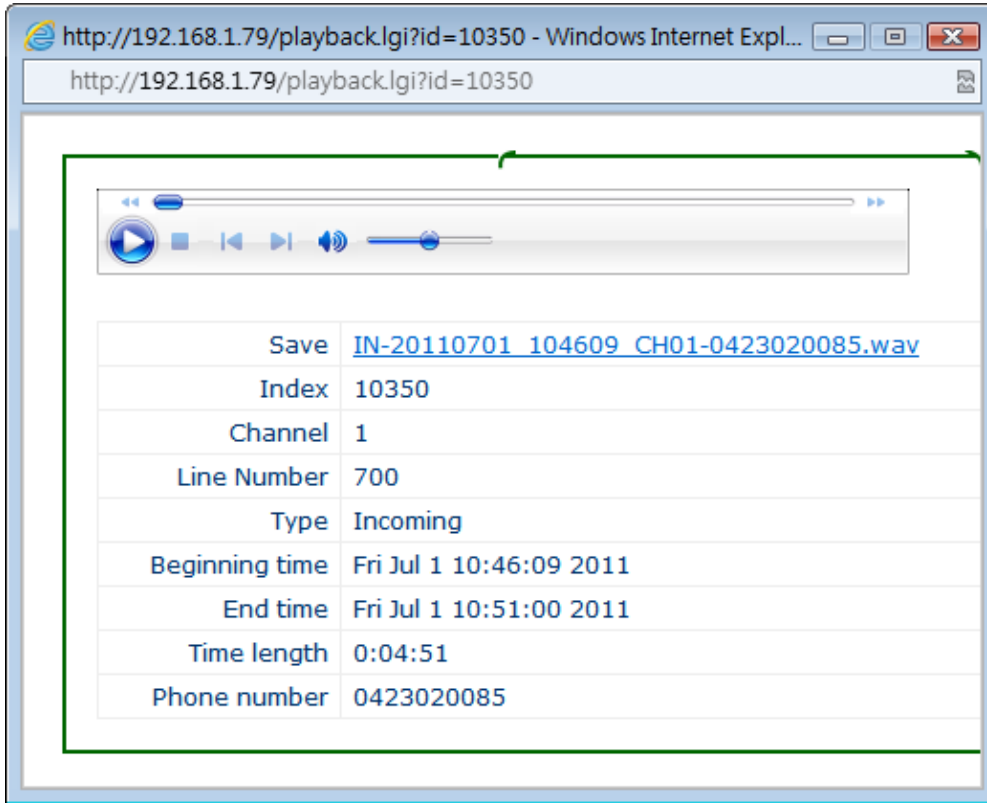
- Single day
Querying recordings of a specific day.
- ACT
Querying recordings of a specific range of days.

Click “Details” to see the result.

1 2 3 4 5 6										Uncheck all	Sort checked	Delete
Index	Channel	Line Number	Type	Play & Save	Phone number	Beginning time	End time	Time length				
10346	6	705	Outgoing		89510189	2011-07-01 10:43:39	2011-07-01 10:46:04	0:02:25				
10345	1	700	Incoming		77212066	2011-07-01 10:44:43	2011-07-01 10:45:32	0:00:49				
10344	3	702	Outgoing		067833380	2011-07-01 10:44:02	2011-07-01 10:44:18	0:00:16				
10343	3	702	Outgoing			2011-07-01 10:42:34	2011-07-01 10:43:39	0:01:25				
10342	6	705	Outgoing		8951	2011-07-01 10:43:22	2011-07-01 10:43:37	0:00:15				
10341	1	700	Outgoing			2011-07-01 10:42:54	2011-07-01 10:43:20	0:00:46				
10340	2	701	Incoming			2011-07-01 10:42:34	2011-07-01 10:43:02	0:00:28				
10339	1	700	Incoming		66173313	2011-07-01 10:40:42	2011-07-01 10:40:52	0:00:10				
10338	1	700	Incoming		0921175364	2011-07-01 10:38:36	2011-07-01 10:39:44	0:01:08				
10337	1	700	Outgoing			2011-07-01 10:36:25	2011-07-01 10:37:53	0:01:27				
10336	4	703	Incoming		0423020085	2011-07-01 10:37:42	2011-07-01 10:37:50	0:00:08				
10335	2	701	Outgoing			2011-07-01 10:36:25	2011-07-01 10:37:39	0:01:14				
10334	6	705	Outgoing		89510189	2011-07-01 10:37:05	2011-07-01 10:37:19	0:00:14				
10333	6	705	Outgoing		89510189	2011-07-01 10:33:10	2011-07-01 10:33:25	0:00:15				
10332	8	707	Outgoing		6032485	2011-07-01 10:31:54	2011-07-01 10:32:20	0:00:46				
10331	3	702	Outgoing			2011-07-01 10:29:28	2011-07-01 10:29:55	0:00:27				
10330	1	700	Outgoing			2011-07-01 10:29:28	2011-07-01 10:29:52	0:00:24				
10329	4	703	Incoming		26210013	2011-07-01 10:27:16	2011-07-01 10:27:54	0:00:38				
10328	3	702	Outgoing		04252627	2011-07-01 10:27:37	2011-07-01 10:27:43	0:00:06				
10327	1	700	Incoming		77026191	2011-07-01 10:26:28	2011-07-01 10:27:22	0:00:54				

6 page load complete Total recordings: 105 Total recording time: 1:37:09

Move the cursor to the recording and click  to play.



The screenshot shows a Windows Internet Explorer browser window. The address bar contains the URL <http://192.168.1.79/playback.lgi?id=10350>. The main content area features a media player control bar with a play button, a progress slider, and volume controls. Below the control bar is a table with the following data:

Save	IN-20110701_104609_CH01-0423020085.wav
Index	10350
Channel	1
Line Number	700
Type	Incoming
Beginning time	Fri Jul 1 10:46:09 2011
End time	Fri Jul 1 10:51:00 2011
Time length	0:04:51
Phone number	0423020085

Query by Channel

Here you can query the recordings by designating the channel.

Query by channel						
Channel	Line Number	Total	Outgoing	Incoming	Missed Calls	Details
1	700	1991	632	1359	392	Details
2	701	1436	544	892	393	Details
3	702	1281	806	475	391	Details
4	703	1051	447	604	393	Details
5	704	943	495	448	391	Details
6	705	915	483	432	391	Details
7	706	1140	707	433	392	Details
8	707	1596	1164	432	392	Details

Click “Details” to see the result.

Advanced Query

Advanced Query provides more advanced options for querying recordings.

Advanced query	
<input type="checkbox"/> Select channel range	No check means to select all channels.
<input type="checkbox"/> Select line range	No check means to select all line numbers.
<input checked="" type="checkbox"/> Select time range	<input checked="" type="radio"/> Today <input type="radio"/> This week <input type="radio"/> This month <input type="radio"/> Date range
<input type="checkbox"/> Select call type	No check means to select all types.
<input type="checkbox"/> Select phone number range	No check means to select all phone numbers.

Click “Query” to see the result.

Recording Parameters Settings

You can configure the recording parameters here.

Recording parameter settings			
Name	Value	Default	About
Min. recording time length(second)	<input type="text" value="5"/>	5	Auto delete if the recording time is less than this
Max. recording time length(second)	<input type="text" value="4:00:00"/>	4:00:00	up to 99 hours
Outgoing number identification delay time (second)	<input type="text" value="7"/>	7	4 - 20 seconds
Incoming number prefix	<input type="text"/>		
Outgoing number prefix	<input type="text"/>		
Voice encoding	<input type="text" value="g729"/>	g729	
Disk full strategy	<input type="text" value="Loop record"/>	Loop recording	
Start recording when	<input type="text" value="Hook off"/>	Hook off	
Caller ID type	<input type="text" value="Auto"/>	Auto	

- Min. recording time length
Only record calls that exceeds the designated length.
- Max. recording time length
The max. length of the recordings.
- Outgoing number identification delay time
The delay time for identifying outgoing numbers.
- Incoming number prefix
Country/Area code filter for incoming numbers.
- Outgoing number prefix
Country/Area code filter for outgoing numbers.
- Voice encoding
Select G.729 (recommended) or MP3 encoding.
- Disk full strategy
Select Loop (recommended) or Stop when disk is full.
- Start recording when
Select to start recording by Ring or Hook off.
- Call ID type
Auto/FSK/DTMF

Click “Setup” to save the configuration.

System Time Setting

You can configure the system time here.

System time setting

Last sync. Time 2011 / 7 / 1 03:15:28 PM

Manual Date: 2011-07-01 Time: 14:42:46 Timezone: 8 [-12, 12]

Submit

- Last sync. Time
The last sync. time. with your desktop.
- Manual
Setup current time manually.

User Accounts

You modify user authority/password in this page.

User accounts										
Account	Authority							Change authority	Change password	Delete account
	Account management	System management	Recording parameters	Query	Delete recording	Playback & Save	Real-time monitoring			
admin	✓	✓	✓	✓	✓	✓	✓		Change password	

- Change Password
Change user password.

Change password

Account:	admin
New password:	<input type="text"/>
Confirm new password:	<input type="text"/>

- Create Account
Create new user account.

Create account

Basic information

Account	<input type="text"/>
Password	<input type="text"/>
Confirm new password	<input type="text"/>

Authority

<input type="checkbox"/> Account management	Create account, change authority and delete account.
<input type="checkbox"/> System management	Setup IP addr, system time and restore factory default.
<input type="checkbox"/> Recording parameters	Setup voltage threshold, recording time length, line number and phone number prefix.
<input type="checkbox"/> Query	Query recordings.
<input type="checkbox"/> Delete recording	Delete recording.
<input type="checkbox"/> Playback & Save	Playback and download recordings.
<input type="checkbox"/> Real-time monitoring	Real-time monitoring phone calls.



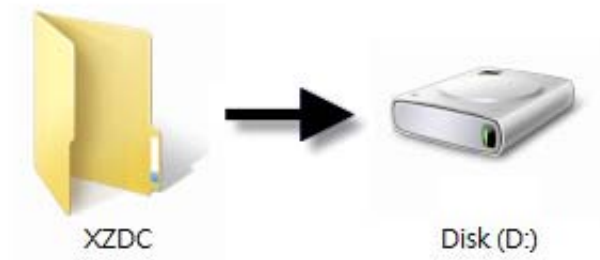
XZDC Network Inquiry

Introduction

XZDC is a standalone client of ACR-B040/ACR-B080, which enables users to control the unit or inquiry recordings over LAN. It can also backup the recordings on ACR-B040/ACR-B080 automatically. With Loop Recording feature enabled, you'll almost have unlimited space for recording.

Installation

To install XZDC, please simply copy XZDC folder from the bundled CD to “D:\” first.



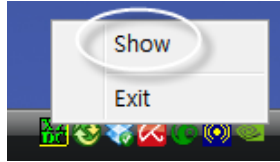
* Please exit/shut down Skype service before you run XZDC.

Run D:\XZDC\XZDC.exe and the XZDC icon will be shown on the System Tray. XZDC will start automatically with your Windows.

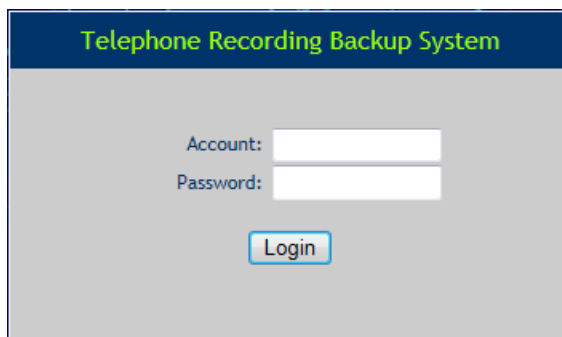


Run XZDC

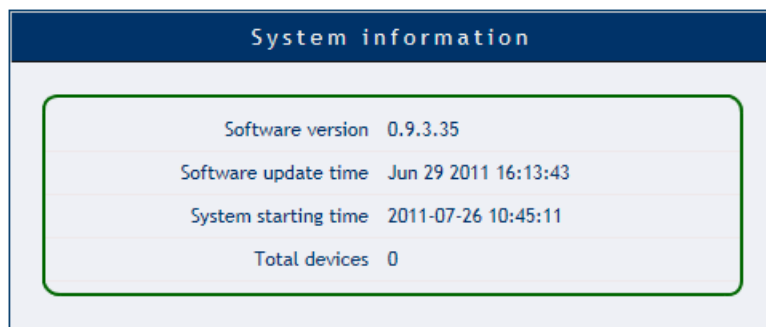
Right-click on XZDC icon, select “Show” to visit the login page.

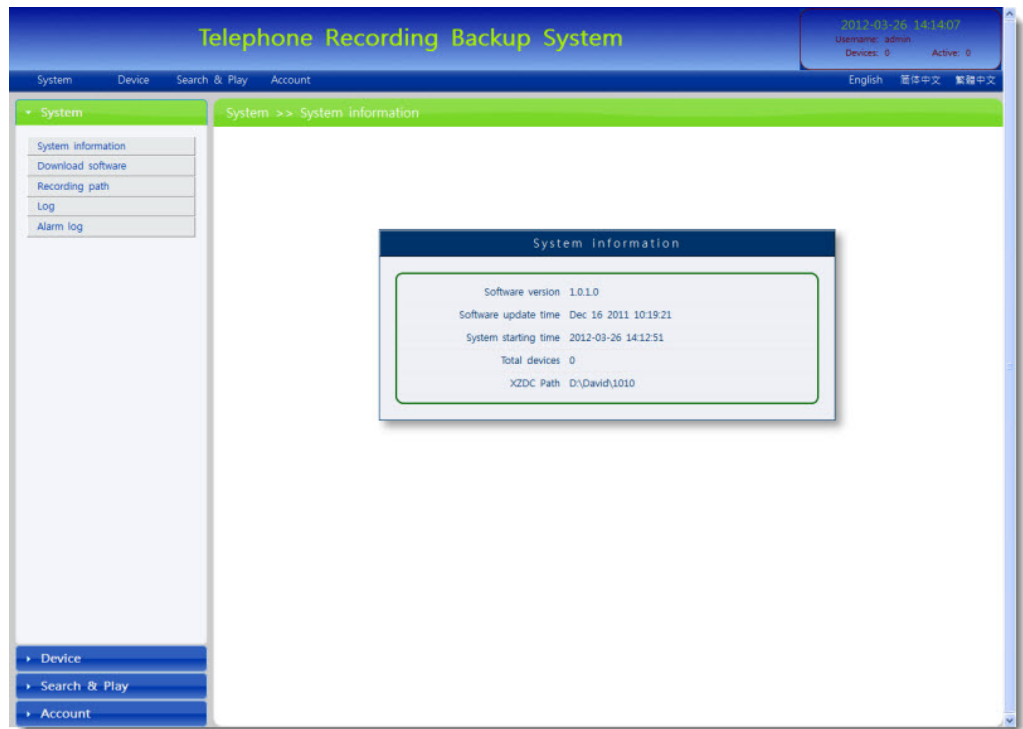


Enter Account name and Password to login. Default: [admin](#) / [admin](#).



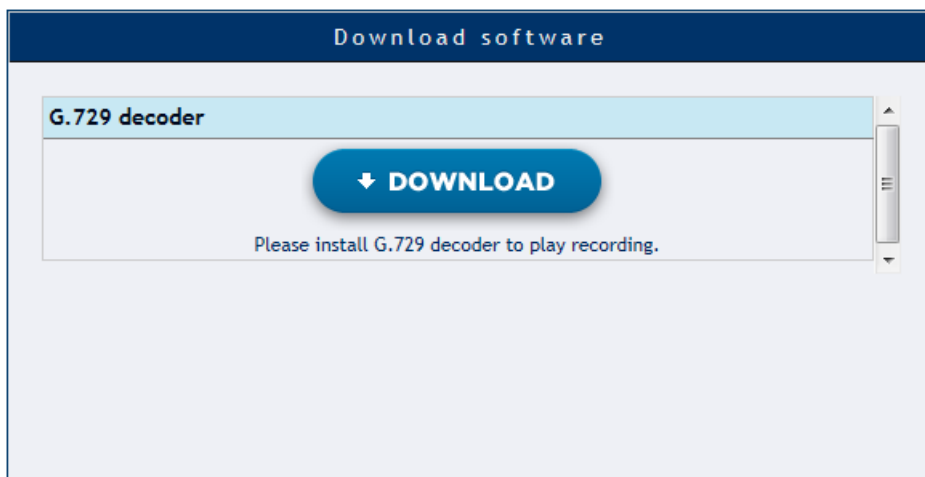
You can see the current version info after you login successfully.





Download Software

You can download the required G.729 decoder here.



Add Device

You can add device by entering required IP Address, Port, Account name and Password here. Click “Submit” to add the device to the device list.

Add device

IP addr: . . .

Web port:

Account:

Password:

Confirm password:

Click “Device Manager” to see the device list.



Device manager					
IP addr	Web port	SerialNo	UserID	Account	Remove
192.168.0.190	80			admin	Remove
					Total devices: 1

Click “Device Status” or IP address to see the status of the selected device.

Device status						
IP addr	SerialNo	Line status	Total	Total non-sync'd	Total sync'd	Last active
192.168.1.78						
						Total devices: 1

Recording Path

Click “Recording Path” to see the current recording path.

Recording path							
Path	Free space	Total space	Status	Priority	Adjust priority	to use	Remove
F:\zdc\zxdc_record\				1	 		Remove

[Add path](#)

Click “Add Path” to add new recording path.

Recording path		
Drive	Free space	Total space
C:	3,381 MB	27,510 MB
D:	7,444 MB	9,785 MB
G:	426,161 MB	465,776 MB

Recording path

[Submit](#)

The system will download un-backed up recordings to the assigned path every time when system starts after you submit the recording path.

The system naming rules are as below:

- Folder Name
[/XZDC_Record/N/YYYY/MM/DD] - N=Device ID, YYYY=Year, MM=Month, DD=Day.
- File Name
[OUT-YYYYMMDD_HHNNSS_DEVX_CHXX-NNNN.wav] –
 OUT=Outgoing, YYYYMMDD=Year/Month/Day, DEVX=Device ID, CHXX=Channel ID, NNNN=Outgoing or Incoming No..

Advanced Query

Click “Advanced Query” to search recordings by conditions.

Select your device.

Click “Query” to query the recordings by conditions.

<input type="checkbox"/>	112	3	7	706	Outgoing		23755420	2011-07-28 13:39:30	2011-07-28 13:40:20
<input checked="" type="checkbox"/>	111	3	4	703	Incoming		77303849	2011-07-28 13:35:27	2011-07-28 13:38:14
<input type="checkbox"/>	110	3	8	707	Outgoing		28381238	2011-07-28 13:36:09	2011-07-28 13:37:26
<input type="checkbox"/>	109	3	1	704	Incoming		27774932	2011-07-28 13:31:50	2011-07-28 13:36:32
<input type="checkbox"/>	108	3	2	702	Incoming		28360637	2011-07-28 13:34:33	2011-07-28 13:35:46

If you select “Today” as the time range but there is no data shown on the screen, you may have to wait until the system finish the backup.

Account Management

Click “Account Management” to manage the accounts.

Account management									
Account	Authority						Change authority	Change password	Remove account
	System management	Account management	Device management	Query	Delete recording	Play& Save			
admin	✓	✓	✓	✓	✓	✓		Change password	

[New](#)

The “Change Password” screen.

Change password

Account: admin

New password:

Confirm new password:

Click “New” to create a new account. You can assign the authority here.

Create account

Basic information

Account:

Password:

Confirm new password:

Authority

<input type="checkbox"/> System management	Exit.
<input type="checkbox"/> Account management	Create account, change authority and delete account.
<input type="checkbox"/> Device management	Add device, remove device and modify device account.
<input type="checkbox"/> Query	Query recording.
<input type="checkbox"/> Delete recording	Delete recording data.
<input type="checkbox"/> Play& Save	Playback and download recordings.