# **Standalone recorder instruction**

1,Product profile	2
2. Hardware interface	2
2.1 2 &4 &8 channel standalone recorder front panel	2
2.2 8&16 channel standalone recorder device interface	3
3, Hardware connection	3
2 port standalone recorder	3
4 port standalone recorder	4
8 port standalone recorder with SD card	4
8 port standalone recorder with hard disk	5
16 port standalone recorder	5
4, Standalone Recorder IP Instruction	6
4.1, If your computer IP is 192.168.0.x, directly add standalone recorder default IP on the soft	ware 6
4.2, If your computer IP is not 192.168.0.x, there are 2 ways to run the software at the first tin	ne 6
Solution 1, Add IP: 192.168.0. x and gateway:192.168.0.1 in your computer	6
Solution 2, Use telephone key to change the standalone recorder IP and gateway	15
Change IP after connecting software successfully	16
5, WEB for Standalone recorder (only use in IE browser)	17
5.1, Security setting on IE browser	17
5.2, LAN: Login in WEB on IE browser	17
5.3 Install Active control files	17
5.4 Live time monitor	18
5.5 Search, Play, download	19
6 RDMC Software installation: manage one device	22
6.0. Standalone recorder RDMC software operation instruction	22 22
6.1 Pun PDMC ave in C. PDMC	22
6.2 Add Standalone recorder ID address on the software	22
6.2 Software function introduction	25 25
6.3. 1 Main interface	25 25
6.3.2 Standalona recorder PDMC list interface	25 25
6.3.2 Monitor	25 26
6.3.3.1 Live monitor on the main software interface	20 26
6.2.2.2 Live monitor on the list software interface	20 26
6.3.4 Search	20 27
6.2.4.1 Torminal Sourch	27 27
6.2.4.2 Local Secret	21 20
6.2.5 Statistics	20 20
6.2.6 Customer	29
0.3.0 Customer	29
0.3./ System Setting	30
$0.5./.1  \text{Permission Setting} \dots$	30
0.3.1.2 Add ferminal IP:	32
6.3. / .3 Kecording set	32

6.3.7.4 Update Embedded	
6.3.7.4.1 Update terminal program files	
6.3.7.4.2 Update terminal recording system time	
6.3.7.4.3 Update Terminal IP	
6.3.7.5 Embedded settings	
6.3.7.6 Read embedded version	
6.3.7.7 Database (only for second development)	
7, G729 Voice decoder installation	
8, Center Management software instruction (Manage multiple devices)	
9, Others	

## **1,Product profile**

Standalone recorder does not need to connect the computer, only connect power to record. Adopt high resistance parallel connection, can record all kinds of analog telephone, audio signaling. Store the calls info in the SD card or SATA hard disk. The device develops on Linux OS. Anti-virus. It is more stable. There are 2/4/8/16 channels to choose. Support internet search, play, monitor, backup, multiple places to install, centralized management. It is easy to install and operate, stable and reliable. It widely use in finance security, public security, call center, electric power and traffic area and so on which need to record the telephone conversations.

## 2. Hardware interface

### 2.1 2 &4 &8 channel standalone recorder front panel





"8 5 4 1": connect one-to- four connector, can be 8 port telephone line port

RESET: reset default IP and default user and password (Attention: when need to reset default setting(default IP, user name, user password, port number): press reset button over 4 seconds; less then 4 seconds, only restart the device).

" ETHERNET" : connect RJ45 network connection line

"USB": connect to serial port line to check the device when the device has error (This serial port line is specially

made by ourself)

"+5V/DC": connect 5V direct-current power supply (5V/3A)

"SD" : connect SD card, maximum is 32G.

## 2.2 8&16 channel standalone recorder device interface



**Rear panel** 



**On-off:** Power switch (Attention: When turn off device, you need to press "on-off" switch firstly, then pull out the power line after 4 seconds, or else the calls may miss or the hard disk may be broken)

DC 12V/3A: connect power

Channel port: connect telephone line

SD card: can use SD card and hard disk store the voice files at the same time

RESET: reset default IP and default user and password and port number

SPK: do not use this port now

NET: connect network cable

VGA: invalid now

SMDR IN: Connect serial line to check the device when the device has error. Or connect serial port line on this port to record trunk line to get extension info.

USB: do not use this port now

## 3, Hardware connection

2 port standalone recorder: directly connect telephone line to Line1 and Line2.



**4 port standalone recorder**: one-to-two RJ11 connector connect to Line1-2 and Line3-4, put the telephone line parallel connect to one-to-two RJ11 connector. The maximum to connect is 4 telephone lines.



**8 port standalone recorder with SD card**: directly put the telephone line parallel connect from port 1 to port 8



**8 port standalone recorder with hard disk**: directly put the telephone line parallel connect from port 1 to port 8



**16 port standalone recorder**: one-to-two RJ11 connector connect to Line1 and Line8, put the telephone line parallel connect to one-to-two RJ11 connector. The maximum to connect are 16 telephone lines.



Connect network line to ETHERNET port.

Connect power to "DC 12V/3A" port.

It will install ok after connect power. (8 and 16 port standalone recorder need to turn on the power switch)

## 4, Standalone Recorder IP Instruction

## 4.1, If your computer IP is 192.168.0.x, directly add standalone recorder

default IP on the IE browser address bar or our software.

Standalone recorder default IP is 192.168.0.230.

Ø	Windows Internet Explorer	
Θ		📀 🗸 🔂 🖉

4.2, If your computer IP is not 192.168.0.x, there are 2 ways to run the

## WEB/ software at the first time.

### Solution 1, Add IP: 192.168.0. x and gateway: 192.168.0.1 in your computer

(x can be set 2~255, not 230)

4.2.1 in Windows XP



Click Start -> My network Places->Properties



Right click Local Area Connection-> Properties

Local	Area Connect	tion Properties	?
General	Authentication	Advanced	
Conne	et using:		
聊 /	AMD PCNET Fam	ily PCI Ethernet Ad	Configure
This co	onnection uses the	e following items:	
	File and Printer QoS Packet Sc Internet Protoco	Sharing for Microsc heduler bl (TCP/IP)	ft Networks
	Install	Uninital	Properties
Tran Wide acto	mpuon hsmission Control F a area network pro bss diverse interco	Protocol/Internet Protocol that provides nnected networks.	otocol. The default communication
Sho Not	ow icon in notifical ify me when this c	ion area when con onnection has limit	nected ed or no connectivity
		[	OK Cancel

Click "Internet Protocol (TCP/IP)" -> "Properties"

General	ropernes 🕜
You can get IP settings assigned this capability. Otherwise, you ne the appropriate IP settings.	automatically if your network supports ed to ask your network administrator for
🔘 Obțain an IP address autom	atically
• Use the following IP addres	5:
IP address:	192.168.1.203
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192.168.1.253
Obtain DNS server address	automatically
• 📀 Use the following DNS serv	er addresses:
Preferred DNS server:	202 . 96 . 134 . 133
Alternate DNS server:	
	Advanced
	OK Cancel

Click "Advanced"

ettings DNS WINS (	Jptions
P addresses	11-10-00-00-00-00-00-00-00-00-00-00-00-0
IP address	Subnet mask
192.168.1.203	255.255.255.0
Ad	d Edit Remove
Default gateways:	
Gateway	Metric
192.168.1.253	Automatic 😞
bA	d
Automatic metric	
nterface metric:	

## Click "Add"

TCP/IP Address	s 🕜 🔀
Subnet mask:	
	Add Cancel
Gateway 192.168.1.253	Metric Automatic
	Add Edit Remove
Automatic metric	

Advanced TCP/IP Settings	? 🗙
IP Settings DNS WINS Options	
IP addresses	
TCP/IP Address	×
IP address: 192 . 168 . 0 . 200	
Subnet mask: \$255.255.255.0	5
Add Canad	
Add Cancel	
192.168.1.253 Automatic	
Add Edit Remo	we
Automatic metric	
OK	Cancel

IP address 192.168.1.203 192.168.0.200	Subnet.mask. 255.255.255.0 255.255.255.0
A	dd Remove
Default gateways: Gateway 192.168.1.253	Metric Automatic
A	dd Edit Remove
Automatic metric     Interface metric	

### // Add IP address: 192.168.0. x Subnet mask as default value

		TCP/IP Gateway Address
TCP/IP Address	20	Gateway: 192 . 168 . 0 . 1
IP address:		Automatic metric
Subnet mask:		Metric:
	Add Cancel	Add Cancel

// Add gateway: 192.168.0.1

// after add IP 192.168.0.X and gateway 192.168.0.1 in your computer, add the standalone recorder default IP (192.168.0.230) in the software.

4.2.2 in Windows 7

#### Add IP: 192.168.0. x and gateway: 192.168.0.1 in your computer

(x can be set 2~255, not 230)



Right click network icon -> Open Network and Sharing Center

	All Control Panel	Items 🕨 Network and	d Sharing Center		- 49	Search Control	Panel	- 0 ×
Control Panel H	łome	View your bas	sic network in	formation	and set u	ıp connectio	ns	0
Change adapte Change advand settings	r settings red sharing	WIN7		Networ		Inte	) rnet	See full map
	General Connection - IPv4 Conne IPv6 Conne Media State	ectivity: ectivity: ectivity:	In No Internet a Er	ternet access nabled	Acce	ess type: Internet interne	Connec terriet ical Area Con	t or disconnect
	Duration: Speed: Details.	•	13: 1.0	04:54 ) Gbps	d hoc, or Vi	PN connection;	or set up a ro	uter or access
See also	Activity —	Sent —		eived	is er network	computers, or cl	hange sharin	g settings.
HomeGroup Internet Option Windows Firev	Propertie	s SDisable	Diagnose	Chee	or get trou	bleshooting info	ormation.	



// Add IP address: 192.168.0. x Subnet mask as default value

// Add gateway: 192.168.0.1

TCP/IP
IP DNS WINS
IP         255.255.255.0           192.168.1.199         255.255.0
(A) (B) (V)
:@):
192.168.0.1 192.168.1.1
(U) (U) (U)

// after add IP 192.168.0.X and gateway 192.168.0.1 in your computer, add the standalone recorder default IP (192.168.0.230) in the IE browser or our software (RDMC or Center Manager software).

System Setting		×
Permissions Setting Add Terminal IP Re-	cording set Update Embedded Embedded settings	
IP Address	Terminal Name	^
▶ 192.168.0.230 ivy		
		~
IP Address 192,168.0.230		
	Terminal Code	
Jse default port		
Main Port 12345	WEB Port 80	
Add Mo		

### Solution 2, Use telephone key to change the standalone recorder IP and gateway

Ping the new IP you want to change on your PC: Click "Start" ->"Run"-> input "ping 192.168.1.230 -t"

After connecting telephone line to standalone recorder and connect device power, press the follow telephone key to change device IP and gateway (May need to press several times until ping the new IP ok):

Modify IP and gateway: press the follow key : ##12666666666666668192\*168\*1\*230#192\*168\*1\*1## Attention: the IP you want to change instead of 192\*168\*1\*230 the gateway you want to change instead of 192\*168\*1\*1

Detail instructions:

Press key: "##12Standalone recorder hardware user password#ip address#gateway address##"; (For example: standalone recorder default user password: 666666666, standalone recorder IP change as 192.168.1.230, standalone recorder gateway change as 192.168.1.1, so press the follow key : ##1266666666664192\*168\*1\*230#192\*168\*1\*1##)

- ➔ Press ##
- ➔ press 12 ( function code)
- ➔ press standalone recorder hardware user password (default password is 66666666; if you changed the device password, please press the modified password)
- → press #
- → Press IP address (format: 192\*168\*1\*230, use "\*" instead of ".")
- ➔ Press #
- → Press gateway address (format: 192\*168\*1\*1, use "\*" instead of ".")
- ➔ Press ##

After change the new IP ok (ping new IP to test if change ok), connect the new IP on the software.

	15.4.11					
	IP Address		Ter	minal Name		
192.	168.1.230	ivy				
	ID Address 1921681	230		<b>T</b>	******	
	IF Address 152,100.1	.200	Input new IP	i erminai passwori	3	
	Terminal Name <sup>ivy</sup>			Terminal Code	voice	
		fourth month				
	🧹 Jse de	iauli pori				
	Terminal Name ivy		]	Terminal Code	voice	
	🤳 Jse de	iauli puit				
	🧹 Jse de	rauicpon				
	🗸 Jse de	rauit port				
	Jse de Main Port 12345	rauit port			. 00	

#### Change IP after connecting software successfully.

Firstly, open **RDMC** 

Click **System setting -> Update Embedded->**click **IP-> change IP, Mask, Gateway->** Start update (When it show 'update file successfully).

IP address: standalone device new IP Mask: standalone device subnet mask Gateway: standalone device new gateway

Please set the above information to match your network settings (check you network IP: Start-> run-> input " cmd" -> input "ipconfig /all")

Finally, you must click "Reboot Terminal" button. The new IP will come into effect after 1 minute.

System Setting 🛛 📃 🔀
Permissions Setting Add Terminal IP Recording set Update Embedded Embedded settings
IP Address   erminal Name 192.168.0.240 ivy IP Address 192.168.0.240 Reboot terminal Cancel
Upate terminal program files Please input or browse program file(For example: C:\RDMC\pubfile\gxem_record) Start Update
Update terminal recording system time 2012-10-31 17:38:55 Start Update
Update terminal IP
Mask         255.255.255.0           Gateway         192.168.0.1

After change IP, connect the new IP on the software to work.

# 5, WEB for Standalone recorder (only use in IE browser)

5.1, LAN: Login in WEB on IE browser: input standalone recorder IP on IE browser

address bar (LAN): 192.168.0.230, then enter





Default user name: admin Password: admin, then click Connect.

5.2 Install Active control files: (Our plugin has been certified by Microsoft security, please feel free to

use)

gxem\_ocx.cab, LoadRD.cab





# 5.3 Live time monitor

	S	tanda	lone	Call	Logg	er W	eb Ma	ana	gement	System			
	100	≫ Real-ti	me stat	us			99977				the second secon		
Login User:	admin		Channel	Local No.	Ch Name	Mode	Status	I/0	Incoming No.	DTMF	Start Time	Duration	<u>^</u>
Login Time:	17:25:47	Monitor	] 1	001	aaa	Voltage	Disconnect						
		Monitor	2	002	ivy	Voltage	Idle						
Log Change F Change IF Channel S Update Dev Device S Restart	out Password P Address Settings vice Time Version Device	Voice	Logger	A Sear	ch (Remote	<u>)</u>				Play Down	load Backup A	11) Expor	
		Channe	Local I	No. Ch N	ame I/O	S	start time		DTMF	Incoming No.	Duration I	P Address	

Click "Monitor" to real time listen the voice file.

	-	Neal til			1							
ogin User: admin	_		Channel	Local No.	Ch Name	Mode	Status	I/0	Incoming No.	DTMF	Start Tim	e Duration
ogin Time: 17:25:	47 🗾	lonitor	1	001	aaa	Voltage	Disconnect					
		lonitor	2	002	ivy	Voltage	Idle					
Logout												
Change Password	1											
Change IP Addres	35											
Channel Setting	s											
Update Device Ti	ne											
Device Version		Voice	Logget	AA Seet	ch (Remote	)						
Restart Device		VOICE	rogger	- Joean	сп(кешоте	/						
Restart Device									Search	Play Down	Ioad Backi	ip AII Expo
			[									
		Beg	gin Time	2014-01-24	1 00:00:01	Er	nd Time 201	1-01-2	1 23:59:59			_
		Beg Cha	gin Time nnel No.	2014-01-24 ALL	1 00:00:01	Er	nd Time 201 I/O ALL	1-01-24	1 23:59:59 ▼	Phone No.		
	D	Beg Cha uration Me	gin Time nnel No. ore than	2014-01-24 ALL	1 00:00:01	Er	nd Time 2014 I/O ALL ss than	1-01-24	1 23:59:59	Phone No.		
	D	Beg Cha uration Me <b>Channel</b>	gin Time nnel No. ore than <b>Local N</b>	2014-01-24 ALL Io. Ch Na	1 00:00:01  Sec  me I/0	Er Le	nd Time 201 I/O ALL ss than <b>Fart time</b>	1-01-24	1 23:59:59 Sec	Phone No.	Duration	IP Address
	D	Beg Cha uration Me <b>Channel</b> 2	gin Time nnel No. ore than Local N 002	2014-01-24 ALL Io. Ch Na ivy	1 00:00:01  Sec  me I/0  / In	Er Le 2014-0	nd Time 201 I/O ALL ss than art time 1-24 14:06:1	9	4 23:59:59 Sec DTMF	Phone No. Incoming No. 6308	<b>Duration</b> 00:00:04	<b>IP Address</b> 192.168.0.180
	D 1 2	Beg Cha uration Ma Channel 2 2	gin Time nnel No. ore than <b>Local N</b> 002 002	2014-01-24 ALL Io. Ch Na ivy ivy	1 00:00:01  Sec  me I/0  In  Out	Er Le 2014-0 2014-0	I/O ALL I/O ALL ss than art time 1-24 14:06:1 1-24 13:13:0	9	4 23:59:59 Sec DTMF 9200000	Phone No.	Duration 00:00:04 00:00:03	<b>IP Address</b> 192.168.0.180 192.168.0.180
	D 1 2 3	Beg Cha uration Me 2 2 2 2	ore than <b>Local N</b> 002 002 002	2014-01-24 ALL Io. Ch Na ivy ivy ivy	1 00:00:01	Er Le 2014-0 2014-0 2014-0	nd Time 201 I/O ALL ss than art time 1-24 14:06:1 1-24 13:13:0 1-24 10:41:3	9 3 4	4 23:59:59 Sec DTMF 9200000	Phone No.	Duration 00:00:04 00:00:03 00:00:23	<b>IP Address</b> 192.168.0.180 192.168.0.180 192.168.0.180

# 5.4 Search, Play, download, Backup all, Export



Play

# 5.5 Device Parameter setting

Logout
Change Password
Change IP Address
Channel Settings
Update Device Time
Device Version
Restart Device

- 5.5.1 Logout : logout WEB
- 5.5.2 Change Login in password

Change Password			Close
Current User:	admin		
Old Password:		Save	
New Password:		Close	
Input again:			

#### 5.5.3 Change device IP

IPAddress set	gs Close
IP Address	Gateway
Mask	Save Reboot
	Close

5.5.4 Channel parameter settings

Channel Settings				Close
Channel	1 🗸	Read Channel Value	Save Channel Val	lue
Local No.	001	Ch Name	aaa	
Enabled Recording	Enabled 🛛 🗸	Record Mode	Voltage 💌 💌	
Start Record Key	#1233	End Record Key	#999#	
Voice Sensitivity	21	Voice Pick Off Time(s)	20	
DTMF Sensitivity	Highest 🗸 🗸	Not receive key after(s)	0	
Enabled AGC	Enabled 🛛 🗸	AGC Value	1400	
Pick Up Time(ms)	120	Pick Off Time(ms)	500	
Pick-up Voltage(V)	15	Pick-off Voltage(V)	24	
Fixed Time Restart Device				
Work Time1	00:00-24:00	Work Time2		

Channel: select one channel in the standalone recorder

Read Channel Value: get the channel parameter value

Save Channel Value: save the channel new parameter value

Local No.: set the telephone line local number

Record mode: Voice: voice control

Voltage: Voltage control (default setting)

Key: key control

Start record key: when key recording control way, the keys to start record (default #111#)

End record key: when key recording control way, the keys to end record (default #222#)

**Voice sensitivity**: detect the voice when the voice volume reaches parameter value (default 20, be valid when use voice control)

**Voice Pick Off time**: the time length for each the channel's call finish recording. Unit is second (Be valid when use voice control)

Enabled AGC: Automatic gain control

AGC Value: Automatic gain control value (default value 1400)

**Pick up time (ms)** : After the time (parameter value) of hook-off, the standalone recorder judges it a pick up. The default value is 120 ms

**Pick off time(ms)**: After the time (parameter value) of hook-on, the standalone recorder judges it a pick off. The default value is 500 ms

Pick up voltage (V): Pick up voltage (4~18V)

Pick off voltage (V): pick off voltage (18v ~46V)

Fixed time restart device: set the time to restart the device

Work time 1: set device recording time. Default recording time : 00:00-24:00

Work time 2: set device recording time.

5.5.5 Update device time to match with the computer time.

Update Device Time

确定	
5.5.6 Check device firmware version	5
Device Version Version: V3.10.8	

5.5.7 Restart device (need restart device after set new parameter)

Restart Device
----------------

# 6, RDMC Software installation: manage one device

You can get software installation application from our CD or downloading it from our company website. Open our software folder, click **setup.exe** to start to install, do it according to the prompt. Do not need to restart computer after finish installation. The default installation directory: C:\RDMC.



**RMDC** folder

# 6.0, Standalone recorder RDMC software operation instruction

### 6.1 Run RDMC.exe in C:\RDMC; or click Run-> all programs-> RDMC->Recording

#### Manager System

Standalone recorder default IP address: 192.168.0.230

After install standalone recorder client software, it locates in C:\ RDMC, default IP address" 192.168.0.230"



Run C:\ RDMC\RDMC.exe, and login in "Central Manage system" (Default user name: admin, password: admin), see the follow image

#### Default user name: admin, password: admin

The function menu show grey when do not login in the software. All the operations can be operated after login in the software.

### 6.2 Add Standalone recorder IP address on the software: after login in the software,

System Setting	×
Permissions Setting Add Terminal IP Recording set Update Embedded Embedded settings	•
IP Address     Terminal Name       192.168.0.230     ivy	
	*
IP Address 192.168.0.230 Terminal password	
Terminal Name ivy Terminal Code voice	
Jse default port Main Port 12345 WEB Port 80 Add Modify Delete Cancel	

After adding IP address, Total channels, Line status and disk free space info will show on the main screen. It shows the standalone work ok.

🕿 Central Mana	ge system			
Logout Main Screen Sea	arch Statistics Monitor	Customer System	🕜 🎎 Help Quit	
1 and a second s	1 Tex	Ĩ.×	۲.	Current Date
001 Voltage <b>01</b>	002 Voltage <b>02</b>			2012-09-25 Tuesday
<b>æ</b> ×	۳×	۲.	۲.	17:48:08
				Working hours
<b>æ</b> ×	۲. ۲	<b>A</b>	۲.	00:00-12:00 12:00-24:00
				Free Space
۲. ۲	<del>ش</del> ×	<del>ش</del> ×	æ×	3.640GB 1059Hour
2012-09-25 17:47:53 GX_SOCKE 2012-09-25 17:47:53 GX_Downlo 2012-09-25 17:47:54 GX_SOCKE	T_ON_DOWN_FILE_OK channel: padFileFast result: 1 IP: 192.168.0 T_ON_DOWN_FILE_OK channel:	0 IP: 192.168.0.230 File: C:\RDM0 .230 File: cus.txt Port: 21 0 IP: 192.168.0.230 File: C:\RDM0	C\dsp.txt	
<			>	



Telephone line connect ok Not connect telephone line



No connect standalone recorder



Double click Minimize window, will return max window

## 6.3, Software function introduction:

**6.3. 1 Main interface**: Central management system manage a standalone recorder. It will show different telephone lines on the main screen. See the follow image



Start record Mode: voltage (default)

02

6002

Voltage



Start record Mode: Voice



Start record Mode: Key

### 6.3.2 Standalone recorder RDMC list interface Main Screen

Click" Main screen" will enter list screen.

Cen	tral Ma	nage sy	stem					
3 gout	Main Screen	Terminal find	<b>O</b> Statistics	Monitor	Customer	<b>Ö</b> Ö System	(?) Help	<b>a</b> uit
				lv	у			
D.	Local No.	Status	Mode	1/0		Incoming No.		Dial No.
		Disconnect	Voltage					
		Free	Voltage					
		Disconnect	Voltage					
		Disconnect	Voltage					



**6.3.3.1 Live monitor on the main software interface:** click Monitor and click the telephone icon. The frame will become white colour when can monitor



### 6.3.3.2 Live monitor on the list software interface:

When need to monitor one channel calls, click Monitor-> double click the channel you want to monitor, then the channel will turn yellow.

🖀 Cen	tral Ma	nage sy	stem						
<u> </u> Logout	🧭 Main Screen	Terminal find	Statistics	Monitor	<u>Customer</u>	💞 System	(?) Help	<b>and</b> Quit	
				lvy	,				Current Date
Line No.	Local No.	Status	Mode	1/0		Incoming No.		Dial No.	2011.00.10
1		Disconnect	Voltage						2011-06-18
2		Record	Voltage	Out				9200	Saturday
3		Disconnect	Voltage						10:30:30
4		Disconnect	Voltage						
									Working hours
									00:00-12:00



### 6.3.4 Search Search

6.3.4.1 Terminal Search: search the recorded files in this standalone recorder

🖀 Sear	ch										
Terminal S	Search	ocal Searc.	h								
Termir	nal name	Line No.	Local No.	1/0	Date	Time	Dial No.		Incoming No.	Length	Cust
<											>
							Re	mark		Save re	mark
00:00:	.00					Volume contr	ol: 159 🚖				
			🍽 Dowload File								
Sear	rch	Delete	Extraction	Export	Prin	t				Ex	it
Begin	Date: 2011	9.15 💌	0:00:01 🛨	-Call options	No 000 🔺	1			Receive		ed
End	Date: 2011	• 9-15 💌	23:59:59 🗧	Greater t	han: 0000 🚖	Second	Less than: 9999	🔹 Seco	nd Importar	nt Un	read
Sp	ecific	Or	ncoming No.	ODial I	√o.		lo. (	P Addres	55	)Terminal name	e
		01	IserGroup	Jserl	Name	ORema	k Sea	arch Inof			

Can search according to different conditions.

Click start to play the recorded files in the standalone recorder

Click Click will download the recorded file you chose to the local computer's disk (Use this menu when do not choose real time download recorded files, and can use Shift or Ctrl key to choose several files to download).

The downloading progress will show on the interface.

File dov	vnload progress	×
It is dow	nloading file,it will close this form after finish.	
		9
Delete	Delete the recorded files from the standalone recorder (if no	t administrator, user need permission).
Extraction	Convert the voice file to .wav or MP3 format	
Export	Export Exceltxt file.	



🖀 Search								
Terminal Search	.ocal Searc	ı						
Terminal name	Line No.	Local No.	1/0	Date	Time	Dial No.	Incoming No.	Length ( 🔨
Þ								
								~
<								>
						Remark		Save remark
00:00:00					Volume contr	ol: 159 🚖		
		🍽 Start A	🖌 🗸 Ma	irk as Importar	it 🗸 Mar	k as Reserve 📃 🗸 M	fark as Read	<ul> <li>Mark as Unread</li> </ul>
Search	Delete	Extraction	Export	Prin	t Unar	nswerCall View Log		Exit
			-Call options	:	-			
Begin Date: 2011	· 9·15 💌	0:00:01	Line	No.: 000 🚖	1	1/0: [ALL] 🔽	Reserve	e Read
End Date: 2011	• 9•15 💌	23:59:59 🛨	Greater t	han: 0000 🚖	Second	Less than: 9999 🚖 9	econd Importan	nt Unread
Specific	Or	coming No.	ODial I	No.		No. O P A	ddress	)Terminal name
	ں	serGroup	User	Name	Rema	rk Search Ind	of	
Eutraption							049111	

Delete

**C**onvert the voice file to .wav or MP3 format

Delete the recorded files from the computer (if not administrator, user need permission).



## **6.3.5 Statistics** Statistics duration, call times and so on. Click Statistics to enter the follow interface.

🖀 Statis	tic					
Line No.	Phone No.	Hook-on Count	Talk time	Ave talk time	Dial Count	~
1		3	01:04	21	2	
2		4	01:37	24	3	
3		0	00	00	0	
4		0	00	00	0	
5		0	00	00	0	
6		0	00	00	0	
7		0	00	00	0	
8		0	00	00	0	
9		0	00	00	0	
10		0	00	00	0	
11		0	00	00	0	
12		0	00	00	0	_
13		0	00	00	0	=
14		0	00	00	0	
15		0	00	00	0	
16		0	00	00	0	
17		0	00	00	0	
18		0	00	00	0	
19		0	00	00	0	
20		0	00	00	0	
21		0	00	00	0	
22		0	00	00	0	
23		0	00	00	0	
24		0	00	00	0	
25		0	00	00	0	
26		0	00	00	0	
27		U	00	00	U	
28		U	00	00	U	
129	1	U	UU	UU	U	<b></b>
Begin Date 20 Line No.: 00	111 🔹 06 🔹 18 🔹	End Date 2011 🌩 06 Local No.	◆18 ◆ Dial	No.	Count Export	Exit



**6.3.6 Customer** <sup>Customer</sup> : Click "Customer" to manage the customer information.

🖀 Set c	ustomer inf	ormation						×
Custo	omer Name	Phone No.1	Phone No.2	Phone No.3	Mobile1	Mobile2	Addresses	^
								~
							/	
Add	Delete M	fodify Save	Cancle	Exit	ExportTo	Excel LoadFrom	nExcel AddFromExcel	ו
Cust	:omer:					Name:		
Addre	esses:				Po	ostalcode:		
Phone	No.1:				Phone No.2:			
Phone	No.3:				Fax number:			
Mo	bile1:				Mobile2:			
Re	mark:							
								_



### 6.3.7 System Setting System

Permission Setting: manage the system operator 's permission.

Add Terminal IP: can add, modify, delete standalone recorder device.

**Recording set**: Choose the language and set the store path for the recorded files.

Update Embedded: update standalone recorder hardware file and change IP by central manage system

**Embedded setting:** Channel parameter setting.

**Read embedded version** (need to click the right top triangle to get): can check the hardware version to see if the update is ok after system update.

Database (only for second development) : add My SQL, MS SQL or other SQL.

#### **6.3.7.1 Permission Setting:** manage the system operator's permission and modify terminal password.

System Setting	×
System Setting Permissions Setting Add Terminal IP Recording set Update Embedded Embedded settings User name admin	Add Modify Delete Exit
	Modify terminal password

Can add different user and give them login in software password and permission.

Permissions Setting		×
Login		OK Cancel
User name: ivy Name: ivy deng	Pas: Input	sword: *** again: ***
Permissions Search /iew Log System Set Set	Statistics     Delete recording     Add customer information     Statistics	✓ Monitor ✓ Extract/download ✓ Permissions Setting ✓ Export/Print
Channels Permissions ●ecord Search ↓LL ↓_ines1 ↓_ines2 ↓_ines3 ↓ ↓_ines11 ↓_ines12 ↓_ines13 ↓	✓_ines4 ✓_ines5 ✓_ines6 ✓_ines14 ✓_ines15 ✓_ines16	✓ines7     ✓ines8     ✓ines9     ✓ines10     ✓ines17     ✓ines18     ✓ines19     ✓ines20     ines27     ines28     ines29     ines29

Modify standalone	logger termin 🔳 🗖 🔀
Terminal IP Terminal Name ▲ ▶ 192.168.0.230 ivy	Terminal IP 192.168.0.230 Terminal Name ivy
	System user login password
	Terminal new password
~	OK close

System Setting		×
Permissions Setting Add Terminal IP	Recording set Update Embedded Embedded settings	
IP Address ▶ 192.168.0.230	Terminal Name	
IP Address 192 158 0 23	Т	~
Terminal Name	Terminal Pade Voice	
Jse defau	t port	
Main Port 12345	WEB Port 80	
Add	Modify Delete Cancel	

**6.3.7.2** Add Terminal IP: can add, modify, delete standalone recorder IP to connect hardware.

Input IP address (default: 192.168.0.230), Terminal name and Terminal password (default:666666666), Select Use default port, click Add.

Attention: if your PC's IP is not 192.168.0.x, you can add a IP 192.168.0.X and gateway 192.168.0.1 on your PC firstly

6.3.7.3 Recording set (Set language, file path setting and download setting)

System Setting	X
Permissions Setting Add Terminal IP Recording set Update Embedded Embedded settings	
Choose language Choose Language: ENG  OK	
Embedded recording files save path C:\Recorder Save	
Download setting Real time download the standalone logger's recorded file Save	
Every day at Download strategy	

### 6.3. 7.3.1 Set language and file path

#### 6.3.7.3.2 Choose language

Auto: show the language according the operation system's language. ENG: English USER: Software language can be edited by the user.

### 6.3.7.3.3 Embedded recording files save path

You can choose the save path (CDEFGHIJKLMN: Recorder). It will store the recorded files from standalone recorder by downloading.

#### 6.3.7.3.4 Download setting.

#### -> Real time download the standalone recorder's recorded files

Only select this check box, will automatically download recorded files when the calls end.

#### -> Every day at \* time to start to download (fixed time)

When select this check box, you must also need to select the above box (Real time download the standalone recorder's recorded files) to fixed time download the recorded files.

#### -> Download strategy

Automatically download the recent \* days's recorded files.

Only click this check box, will automatically download the recent \* days recorded files

->, Click Save to set.

When you choose "Real time download the standalone recorder's recorded files", you can search and play the recorded files after the calls end on the Local search interface.

### 6.3.7.4 Update Embedded (all the files need to update are in C:\RDMC\pubfile)

In Update standalone recorder interface, you can update hardware files, set system time, change IP address.

System Setting 🛛 🛛 🔀
Permissions Setting Add Terminal IP Recording set Update Embedded Embedded settings
IP Address Terminal Name ▲ 192.168.0.230 Test IP Address IP Address Reboot terminal Cancel
Upate terminal program files Please input or browse program file(For example: C:\RDMC\pubfile\gxem_record)
Start Update
Update terminal recording system time       2012- 9-26       10:22:46       Start Update
Terminal System Time
Update terminal IP IP Address 0.0.0.0 Start Update
Mask 0.0.0.0 Gateway 0.0.0.0

**6.3.7.4.1 Update terminal program files**: update the system file (such as: gxem\_record, gxcfg.ini, gxv729.bin, gx\_dsp\_drv.ko) Browse and select the update file, then click Start Upate.

When it show 'update file successfully', you must click "Reboot Terminal" button. It will come into effect after restart standalone recorder's recording system software.

**6.3.7.4.2 Update terminal recording system time:** firstly choose the IP address, then click "Start update" to renew the time of the standalone recorder.

#### 6.3.7.4.3 Update Terminal IP

IP address: standalone device new IP

Mask: standalone device new subnet mask

Gateway: standalone device gateway

Please set the above information to match your network setting

When it show 'update file successfully', you must click "Reboot Terminal" button. It will come into effect after 1 minute.

### 6.3.7.5 Embedded settings

System Setting					×
Demissions Catting Add Taminal ID	Decoding on		Each and dard a	a thin an	
Permissions Setting Add Terminal IP	Recording set		Embedded s		
	IP Add	ress 192.168.0.240	Upload cor	nfiguration Download configu	uration
IP Address Terminal Name					
▶ 192.168.0.240 ivy	channel1 channel2	Channel Base Set Ed	lit Phone No.		
	channel3 channel4		20'	12-12-27 18:14:00	Save
		Total channel	4 🗸	Storage medium	SD Ca 🔽
		Device restart time	01:30	hh:mm Time Out Times(s)	5
		Main Port	12345	WEB Port	80
				1	
		Local number	001	Channel name	
		Channel record	YES 🔽	Record mode	Voltage 🗸
		Keying start key	#111#,	Keying over key	#222#,
		Audio sensitivity	21	Audio hook on time	20
		DTMF sensitivity	Highes 🗸	No receive key after(s)	
		AGC enabled	Enable 🗸	AGC Value	1400
		Cancel password	#3333#	Dial length	0
		Hook off time(ms)	120	Hook on time(ms)	500
		Hookoff(V)	15	Hookon(V)	24
	1				

Choose the IP address on the left,

Upload configuration: show the channel setting

**Download Configuration**: write channel setting on the standalone recorder device.

Total channel: show the standalone recorder's total channels (2/4/8/16)

Storage medium: SD card/ Hard disk

Device restart time: \*\*:\*\* hh:mm : the device will automatically self-inspection at this time.

Time Out Times(s): connect device timeout

Main Port:12345

Web Port:80

Local number: You can set the local number to easily recognize telephone user and search the calls record.

Channel Name: You can set the channel name to easily recognize telephone number user and search the calls record.

Channel Record: Yes (record); NO (This channel do not record)

Record mode: Voice: voice control

Voltage: Voltage control (default setting)

Key: key control

Keying start key: when key recording control way, the keys to start record (default #111#)

Keying over key: when key recording control way, the keys to end record (default #222#)

**Audio sensitivity**: detect the voice when the voice volume reaches parameter value (default 20, be valid when use voice control)

**Audio hook on time**: the time length for each the channel's call finish recording. Unit is second (Be valid when use voice control)

DTMF sensitivity: Normal/ high/ highest

AGC enabled: Automatic gain control

AGC Value: Automatic gain control value (default value 1400)

**Cancel password**: During talking, input this password, will stop recording and delete this recorded file. First and last word must be # (default value #3333#)

**Dial length**: Integer; When recording finish, will delete the recording files if the dial number length is less than the parameter value. Default value is 0 (0 means this setting do not invalid)

**Hook-off time**: After the time (parameter value) of hook-off, the standalone recorder judges it a pick up. The default value is 120 ms

**Hook-on time**: After the time (parameter value) of hook-on, the standalone recorder judges it a pick off. The default value is 500 ms

Hook off (V): Pick up voltage (4~18V)

**Hook on** (V): pick off voltage (18v ~46V)

System Setting 🛛 🔀
Add Terminal IP Recording set Update Embedded Embedded settings Read embedded version Database
IP Address Terminal Name
Channel Base Set Edit Phone No.
Save
No display prefix No. Add Delete
No record No.

**No display prefix No.** : when the first digital for income or out call is same as the added digital, it will do not display and delete these digitals. Such as firstly dial 9 when call out in the company. After setting it there will be not show 9 on the software interface and recorded files.

**No Record No.:** when the incoming and out call are same as the added the telephone number, it will do not record these telephone number calls. The maximum is to set 20 telephone numbers not to record. Every telephone number is less than 15 digitals.

### 6.3.7.6 Read embedded version

System Setting	
Add Terminal IP Becording set Update Embedded Embedded settings (Bead ei	
Add reminian Precording set Opdate Embedded Embedded settings (1683 5	
	Head version

Click" Read embedded version", can check all standalone recorder's hardware version.

#### 6.3.7.7 Database (only for second development)

System Setting	×
Add Terminal IP       Recording set       Update Embedded       Embedded settings         Database Connect Seting       Add table to database       Image: Connect Seting Connect Set Set Set Set Set Set Set Set Set Se	Read embedded version Database

# 7, G729 Voice decoder installation

You need to install voice decoder software **G729** (after installation, the recorded files can be directly played by Windows media player in the computer): open **G729** folder, right click **G729aACM.inf**, choose" install" to auto install.



# 8. Center Management software instruction

8.1, No need install software. Only need to install SetupOCX.bat when run software at the first time.



#### 8.2, Login in

Login	×
Login record syste	em
l 🕼	
User name: admin	🗸 ок
Password: *****	🗙 Cancel
	-

Default use name: admin

Default password: admin

8.3, Add new area (Right click), and rename by yourself.

Center	management recording system
File Setti:	ng Language Help
🚱 System Set	tting 🥳 Channel Setting 🙀 Alarm Setting 🥡 Backup 👫 Local Search 🙀 PhoneBook 🥵 Exit
Company	
Monitoring	r device list
🕞 Company	
	Modify company name
	New area
	Delete area
	Modify area name
	New device
	Delete device
	Modify device name

#### 8.4, Add new device

Center	managem	ent recor	ding syst	еш						P ×
File Sett:	ing Language	Help								
📴 System Se	etting 🔅 Channel	ISetting 🕹 Alar	m Setting 🛛 🥰 Ba	ickup 👬 Loc	al Search 🛛 🏹	PhoneBook	E xit			
Company –	<b>&gt;</b>									
Monitorin	g device list	S New device	X Delete device 🧧	🕈 Modify device nar	me 🗾 Start Auto M	onitor				
🖃 🝺 Company		Number	Device ID	Device Name	Device IP	Device Port	Status	Total Chan	Available Space	S.
	Modify con	npany name								
	New area									
	Delete are	a								
	Modify are	a name								
	New device	•								
	Delete dev	vice								
	Modify dev	vice name								

8.5, input standalone recorder IP info

Add Device	
Device Type	Standalone Recorder
Device IP	192.168.0.230
Device Name	Name by yourself
Main Port	12345
WEB Port	80
	Add device Close

### 8.6, Device login in

Center management	nt reco	rding syst	еш						
File Setting Language	Help								
System Setting 🕼 Channel Se	etting 🛃 Ala	arm Setting 🛛 🧃 B	ackup 👬 Loo	al Search 🛛 🏹 Pl	honeBook 🤇	🖳 Exit			
Company -> area1									
Monitoring device list	S New device	e 🔀 Delete device 💈	🞽 Modify device nar	me 🗾 Start Auto Mor	nitor				
🖃 🝺 Company	Number	Device ID	Device Name	Device IP	Device Port	Status	Total Chan	Available Space	S
🖻 🚭 area1	S 001		test	192.168.0.230	12345	Not login	0	0	
Spatest									
1									

🙅 Center managem	ent recording system
File Setting Language	Help
System Setting 🔅 Channe	l Setting 🙀 Alarm Setting 🥰 Backup 👬 Local Search 🧏 PhoneBook 🧟 Exit
Company -> area1 -> test	t [192.168.0.230:12345]
Monitoring device list	🦷 Login 🛛 🖓 Logout 💽 Monitor 🧼 Stop Monitor 🔉 Display Graph
🖃 🚺 Company	Channel Channel Name Local Num Channel St Record Mode Monitor I/O Incoming Number
test	Login remote device          Device IP:       192.168.0.230         User Name:       AAAA         Device Password:       Image: Close         Login       Close

Select "Auto login in device when run". If do not select this option, you need to login in device firstly after you open software every time.

8.7, Show channel status after login in

Center management	ent reco	ording sy	ystem							7
File Setting Language	Help									
System Setting 🥨 Channel	Setting 🛃 4	Alarm Setting 🦷 🍯		👬 Local Sea	irch 🙀 Pho	neBook (	强 Exit			
Company -> area1 -> testa	2 <b>[192.168.0</b>	.194:12345]								
Monitoring device list	👯 Login	🔛 Logout	: 🚺 Mo	nitor 🛛 🥝 Sto	p Monitor 🛛 🔊 D	isplay Graph				
🖃 🚂 Company	Channel	Channel Name	Local Num	Channel St	Record Mode	Monitor	1/0	Incoming Number	Dial Number	
i interal interal interal	100 🏧	admin	001	Free	Key					
s test2	102	admin	002	Free	Key					
	<b>2</b> , 003	admin	003	Disconnected	Voltage					
	<b>2</b> ,004	admin	004	Disconnected	Voltage					
	4									
	<		,							
	Current Re	Current Records Search on device Search on local PC Data backup Hardware info								
	🚺 Play	A Search	🖞 Download	🧔 Backup	📄 Delete 🛛	🕉 Remarks	🔑 Others			
	R	ecord time	Channel nur	n I/O	Incoming	nu Dial i	number	Duration	Customer	Imp
I I										

### 8.8, Monitor

Center manageme	ent reco	ording s	ystem							
File Setting Language Help										
🕼 System Setting 🌾 Channel Setting 🙀 Alam Setting 🥡 Backup 👬 Local Search 🐼 PhoneBook 🥵 Exit										
Company → area1 → test2 [192.168.0.194:12345]										
Monitoring device list	👯 Login	😪 Logout	t 🚺 🚺 Mo	nitor 🛛 🥝 Sto	p Monitor 🛛 🔊 D	isplay Graph				
🖃 🝺 Company	Channel	Channel Name	Local Num	Channel St	Record Mode	Monitor	1/0	Incoming Number	Dial Number	1
ereal area	001	admin	001	Recording	Key	Monitor	Out		9200	20
test2	<b>(11)</b> 002	admin	002	Recording	Key		Out		9200	20
	<b>2</b> , 003	admin	003	Disconnected	Voltage					
	<b>2</b> ,004	admin	004	Disconnected	Voltage					
	•									
	Current Ree	ords Search	on device	Searh on loca	I PC Data b	ackup Ha	rdware info			
	🚺 Play	A Search	🔒 Download	🧔 Backup	Delete	👌 Remarks	🔑 Others			
	R	ecord time	Channel nur	n I/O	Incoming	nu   Dial r	number	Duration	Customer	Imp

8.9, Play

L 🤻 Logi	Remote Play				
Channel The channel channe	Currently play file	\sdcard\record\20130618\1\g-201	30618-193319-001-0-0036-002-92007	29	🔀 Close
1 002 1 003 1 004 1 004	Play task \sdcard\record\20130618\	I\g-20130618-193319-001-0-0036-0	Device name 02-9200-729 test2	Device IP 192.168.0.194:	Remarks
Current R	00:00:10	·····		1 1 1 1 1 1 1	
2013	Device name	Stop Torward	Backward Vrevious	Next	
	Device IP Channel number Remarks	192.168.0.194:12345 001	Dial number Date	9200 2013-06-18 19:33:	19

### 8.10, Search

	Current Records Search	on device Sea	irh on local PC	Data backup	Hardware info			
	🚺 Play 👫 Search 🛔	늵 Download	Backup 📄 🙀 I	Delete 🏼 💆 Rem	arks 🍦 Others			
	Record time	Channel num	I/O	Incoming nu	Dial number	Duration	Customer	Imp -
	2013-06-18 19:33:19	001	Out		9200	00:00:36		
	2013-06-18 19:33:19	002	Out		9200	00:00:36		
	2013-06-18 19:10:50	002	Out		9200	00:00:05		
	2013-06-18 19:10:49	001	Out		9200	00:00:04		-
1	2013-06-18 16:51:20	001	Out		6606	00:00:06		
4	2013-06-18 16:51:20	002	Out		6606	00:00:07		
	2013-06-18 16:50:53	001	Out		6606	00:00:08		
	2013-06-18 16:50:53	002	Out		6606	00:00:09		
	2013-06-18 16:50:30	001	Out		6606	00:00:10		
	2013-06-18 16:50:30	002	Out		6606	00:00:10		
	2013-06-18 16:50:18	001	Out		6606	00:00:03		
	2013-06-18 16:50:18	002	Out		6606	00:00:03		
	2013-06-18 16:49:14	001	Out		6606	00:00:06		
	2013-06-18 16:49:14	002	Out		6606	00:00:07		
	2013-06-18 16:48:28	001	Out		6606	00:00:07		
	2013-06-18 16:48:28	002	Out		6606	00:00:08		

### 8.11, Download

Default local PC path: C:\RecordFiles\

You can change the path by yourself

Current Records Search o	on device	Searh on local PC Data backup Hardware info		
🚺 Play 👫 Search 岸	Download	Download file		
Record time	Channel nur			
2013-07-08 14:52:42	001		(	
2013-07-04 19:55:24	001		🔛 Do	wnload 🛛 🧭 Stop
2013-07-04 11:39:24	001			
2013-07-04 11:33:46	001	Download task	Device name	Progress
2013-07-04 10:58:06	001	/sdcard/record/20130708/0/a-20130708-145242-000-I-0034-001-25320431-729	test	Download finish
2013-07-04 10:50:25	001	/sdcard/record/20130704/0/g-20130704-195524-000-0-0009-001-91-729	test	Download finish
2013-07-03 19:41:22	001	/sdcard/record/20130704/0/o-20130704-113924-000-0-0061-001-6399-729	test	Download finish
2013-07-03 19:41:19	001	/sdcard/record/20130704/0/g-20130704-113346-000-0-0052-001-6399-729	test	Download finish
2013-07-03 19:22:50	001	/sdcard/record/20130704/0/o-20130704-105806-000-0-0000-001-N-729	test	Download finish
2013-07-03 19:20:39	001	/sdcard/record/20130704/0/o-20130704-105025-000-0-0067-001-6399-729	test	Download finish
2013-07-03 19:13:40	001	/sdcard/record/20130703/0/g-20130703-194122-000-0-0000-001-N-729	test	Download finish
2013-07-03 18:44:52	001	/sdcard/record/20130703/0/g-20130703-194119-000-0-0000-001-N-729	test	Downloading
2013-07-03 18:44:47	001	/sdcard/record/20130703/0/g-20130703-192250-000-0-0234-001-9013553218	test	
2013-07-03 18:44:38	001	/sdcard/record/20130703/0/g-20130703-192039-000-0-0114-001-9134243901	test	
2013-07-03 18:44:32	001	/sdcard/record/20130703/0/g-20130703-191340-000-0-0102-001-9013553218	test	
2013-07-03 18:44:27	001	/sdcard/record/20130703/0/g-20130703-184452-000-0-0052-001-9200920092	test	
2013-07-03 10:44:10	001	/sdcard/record/20130703/0/g-20130703-184447-000-0-0003-001-z9729	test	
2013-07-03 18:43:36	001	/sdcard/record/20130703/0/g-20130703-184438-000-0-0004-001-99992729	test	
2013-07-03 18:43:09	001	/sdcard/record/20130703/0/g-20130703-184432-000-0-0002-001-9200729	test	
2013-07-03 10:22:39	001	/sdcard/record/20130703/0/g-20130703-184427-000-0-0003-001-9200729	test	
		/sdcard/record/20130703/0/g-20130703-184418-000-0-0006-001-99200729	test	
		/sdcard/record/20130703/0/g-20130703-184356-000-0-0019-001-9200729	test	
<		/sdcard/record/20130703/0/g-20130703-184309-000-1-0023-001-7843729	test	

#### 8.12, Backup

#### Default local PC path: C:\RecordFiles\

You can change the path by yourself

	Current Records Se	arch on device	Searh on local PC	Data backup Ha	ardware info		
	📝 Select Path to downl	oad to C:\Record	dFiles				
	Start date	2013- 7- 9	00:00:01	💼 🥳 E	3ackup 🝯	Stop	
	End date Download task	2013- 7- 9	23:59:59	•	Device name	IP	Progress
•							

#### 8.13, Check hardware version



## 9, Others

9.1, RDMC and WEB can not run in a PC at the same time

9.2, RESET: reset device default IP and default user and password and port number (press this reset button over 4 seconds; less then 4 seconds, only restart the device).

9.3 On-off: Power switch: need to press on-off switch firstly, then pull out the power line after 4 seconds. Or else the calls may miss or the hard disk may be broken.