



FDC Software User Guide

Table of Contents

1. Overview	1
2. Install the software on the computer	1
3. Use the FDC software on the computer	2
3.1 Scanning devices.....	2
3.2 Read and set parameter	3
3.3 Upload Phonebook.....	6
3.4 Firmware Upgrade	7
3.5 Import/Export Device Configuration file	7
3.6 Configure IP Direct Call	7
3.7 Other Functions.....	8

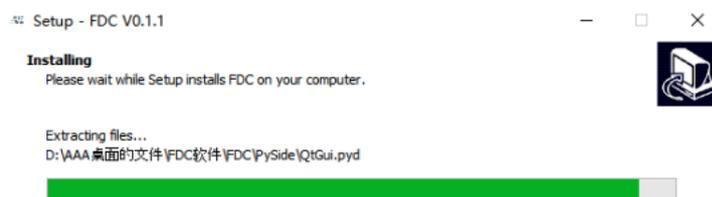
1. Overview

FDC is a software used to centralize manage the Flyingvoice phone in the local network. This article mainly describes the common features of the software. For example, read and set device parameters, upload phonebook, and update the firmware, etc.

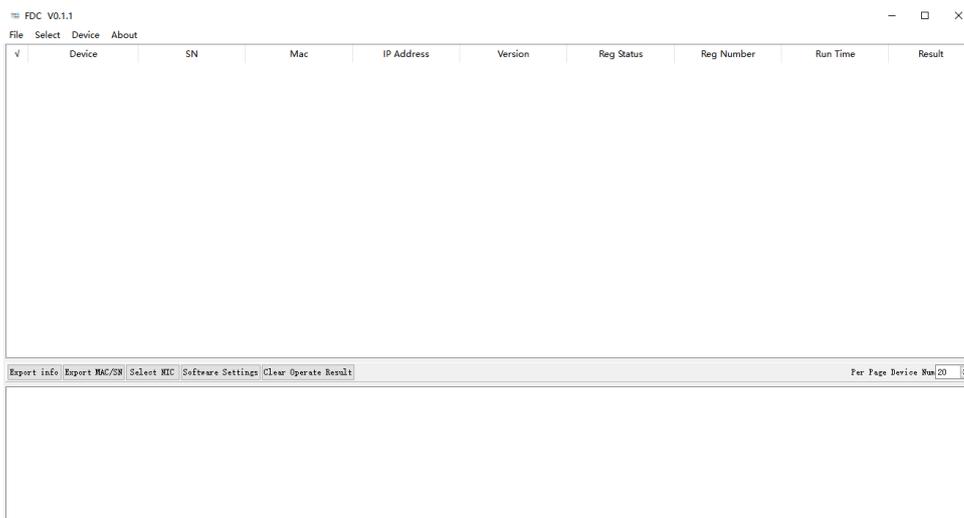
Applicable model: All the Flyingvoice phone

2. Install the software on the computer

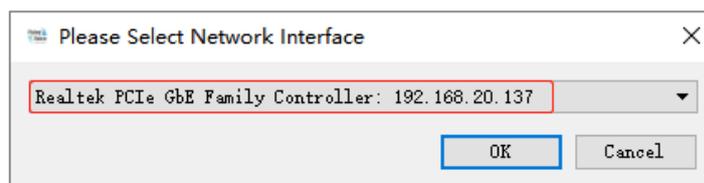
1. Run the installation program on the computer, select a software language and follow the system wizard to finish the installation. Currently, the software supports Chinese and English.



2. Open the software on the computer, the following page displays.



3. Click **Device > Scan**, or press **F5**, select the computer's network adapter, click on **OK**. Then the software will scan the devices that in the same network as the computer.

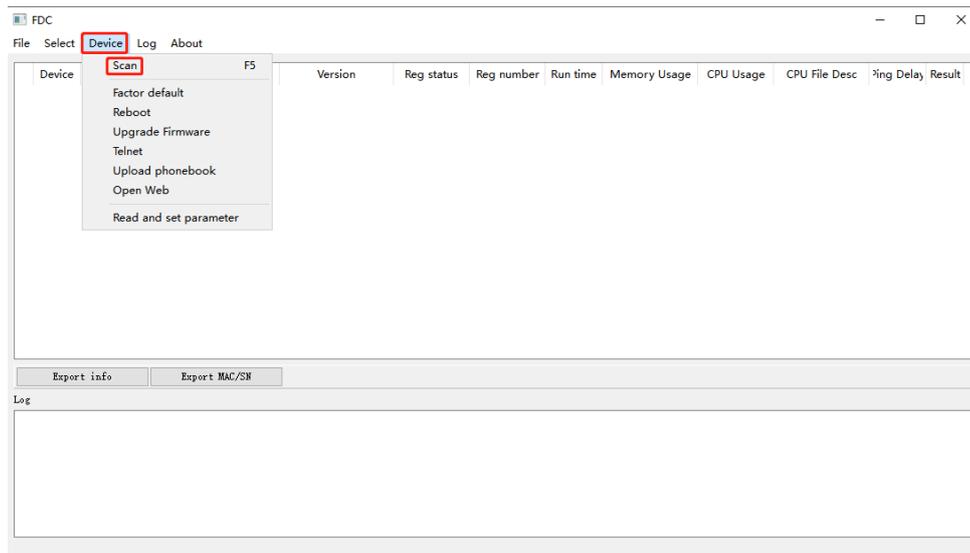


3. Use the FDC software on the computer

3.1 Scanning devices

Click **Device > Scan** or press **F5**, all the phones in the local network will display.

3.2



The screenshot shows the FDC software window displaying a table of device information. The table has columns: Device, SN, Mac, IP Address, Version, Reg Status, Reg Number, Run Time, and Result. The table contains 14 rows of data.

Device	SN	Mac	IP Address	Version	Reg Status	Reg Number	Run Time	Result
IP60W-F-H	F007861388C1	00:21:F2:34:52:A2	192.168.20.130	V3.20(202009291201)	Registered	101,66322	22 h 38 m	
FIP11W	FLY64168001165	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered	102	23 h 31 m	
FIP10	FLY10620300447	00:21:F2:23:3A:86	192.168.20.153	V0.5.6(202011281805)	Error	104,103fle	5 d 18 h 9 m	
FIP10	FLY10620302746	00:21:F2:23:5E:71	192.168.20.128	V0.5.3.4(2020112416...	Registered	1002	3 d 0 h 18 m	
FIP11W	FLY80183000471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered	746	6 d 20 h 7 m	
HA9888TSD-IP-H	F00786109D89	F007:86:10:9D:89	192.168.20.69	V3.20(202009291034)	Registered	103	17 h 58 m	
FIP11C	FLY10820300036	00:21:F2:23:B1:19	192.168.20.179	V0.5.7(202012041039)	Registered	1006	16 h 48 m	
FIP10	FLY10620302747	00:21:F2:23:5E:75	192.168.20.114	V0.4.21(202010281929)	Registered	8004	16 h 45 m	
FIP10	FLY10620302748	00:21:F2:23:5E:79	192.168.20.207	V0.5.3.4(2020112416...	Registered	1005,11	3 d 0 h 18 m	
FIP13G	FLY11020100127	00:21:F2:22:AD:C5	192.168.20.214	V0.4.20(202010251835)	Registered	306	16 d 18 h 1 m	
FIP15G	FLY11420500157	00:21:F2:25:44:B1	192.168.20.105	V0.5.7(202012091812)	Register Fail		2 min	
FIP13G	FLY11020100126	00:21:F2:22:AD:C1	192.168.20.104	V0.5.6(202011281805)	Registered	2000,2001,6030	19 h 11 m	
FIP11C	FIP11C00020	00:21:F2:FF:F8:17	192.168.20.81	V0.4.0(202011161459)	Register Fail	611,112	22 h 52 m	

Read and set parameter

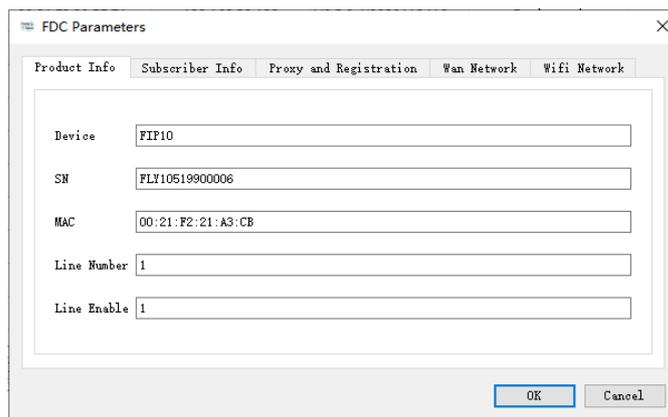
Read and set parameters for a single device

1. Right click on the device that you want to modify, click Read and Set Parameter.

The screenshot shows the FDC software window with a right-click context menu open over the second row of the table. The menu options include: Scan, Reboot, Open Web, Factory Default, Upgrade Firmware, Upload Phonebook, Configure IP Direct Call, and Read and Set Parameter. The 'Read and Set Parameter' option is highlighted with a red box.

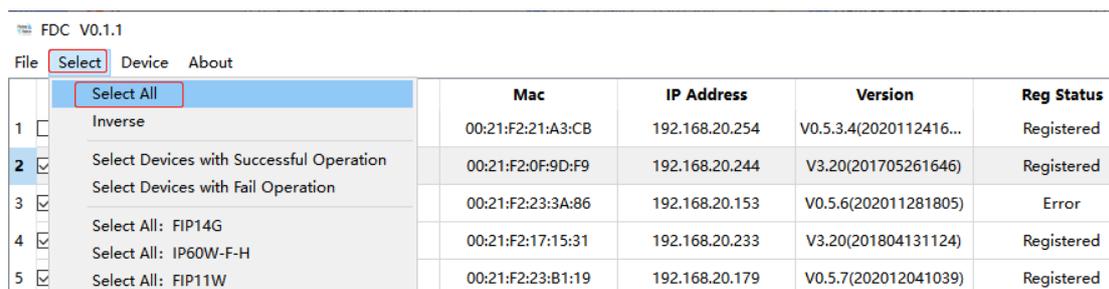
Device	SN	Mac	IP Address	Version	Reg Status	Reg Number	Run Time	Result
IP60W-F-H	F007861388C1	00:21:F2:34:52:A2	192.168.20.130	V3.20(202009291201)	Registered	101,66322	22 h 44 m	
FIP11W	FLY64168001165	00:21:F2:21:A3:CB	192.168.20.254	V0.5.3.4(2020112416...	Registered	64	13 d 17 h 18 m	
FIP10	FLY10620300447	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered	102	23 h 37 m	
FIP10	FLY10620302746	00:21:F2:23:5E:71	192.168.20.128	V0.5.3.4(2020112416...	Registered	1002	3 d 0 h 24 m	
FIP10	FLY10620300447	00:21:F2:23:3A:86	192.168.20.153	V0.5.6(202011281805)	Error	104,103fle	5 d 18 h 15 m	
FIP10	FLY10620302746	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered	746	6 d 20 h 13 m	
FIP10	FLY10620302748	00:21:F2:23:B1:19	192.168.20.179	V0.5.7(202012041039)	Registered	1006	16 h 54 m	
HA9888TSD-IP-H	F00786109D89	F007:86:10:9D:89	192.168.20.69	V3.20(202009291034)	Registered	103	18 h 4 m	

2. A configuration page displays below. Set the product info, registration info and network info according to your needs.

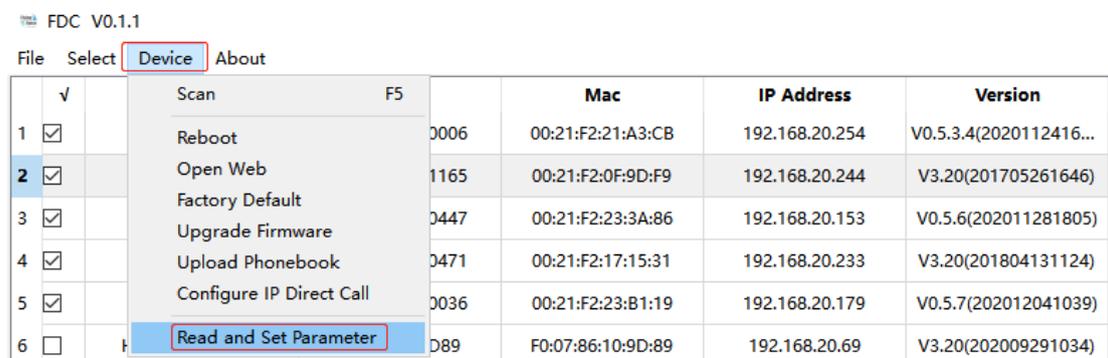


Batch Read and set the parameters

1. Select the devices that you want to set or click **Select > Select All**.



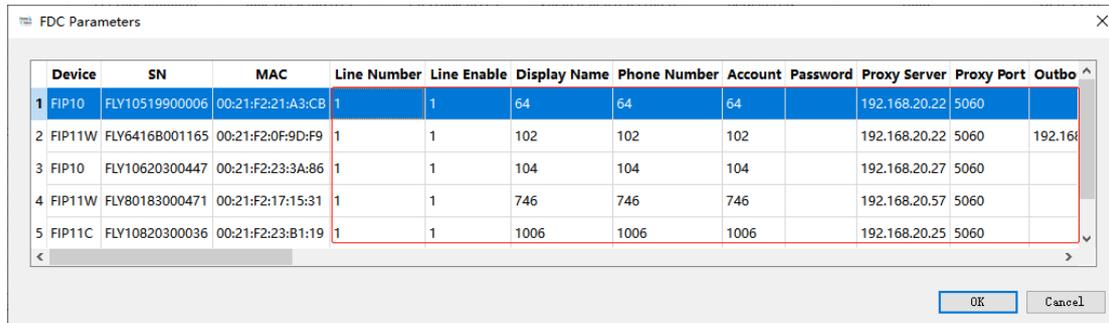
2. Click on **Device > Read and Set Parameter**.



3. There are two ways to configure the parameters.

Method 1

Double click the parameter that you want to modify on the **FDC Parameters** page.



The screenshot shows a window titled "FDC Parameters" with a table containing the following data:

	Device	SN	MAC	Line Number	Line Enable	Display Name	Phone Number	Account	Password	Proxy Server	Proxy Port	Outbo
1	FIP10	FLY10519900006	00:21:F2:21:A3:CB	1	1	64	64	64		192.168.20.22	5060	
2	FIP11W	FLY6416B001165	00:21:F2:0F:9D:F9	1	1	102	102	102		192.168.20.22	5060	192.168
3	FIP10	FLY10620300447	00:21:F2:23:3A:86	1	1	104	104	104		192.168.20.27	5060	
4	FIP11W	FLY80183000471	00:21:F2:17:15:31	1	1	746	746	746		192.168.20.57	5060	
5	FIP11C	FLY10820300036	00:21:F2:23:B1:19	1	1	1006	1006	1006		192.168.20.25	5060	

Parameter description

Line(required): the Line that you want to configure.(1 means Line1, 2 means Line2)

Line enable(required): enable or disable.(1 means enable, 0 means disable)

Display name(required): the display name of the extension.

Phone number(required): the register number of the account.

Account(required): the account/username of the account.

Password(required): the SIP password of the account.

Proxy Server(required): the IP address or domain name of the PBX server

Proxy Port(required): the register proxy port (it is 5060 by default)

Outbound Server(optional): the outbound proxy server

Outbound Port(optional): the outbound proxy port

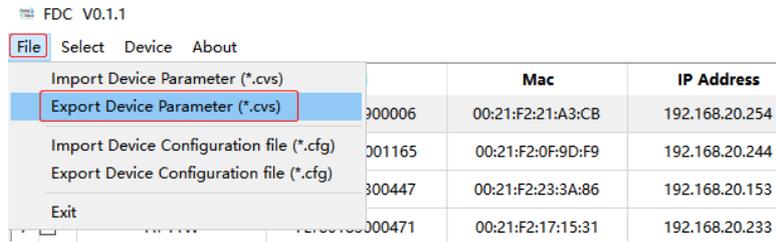
Backup Outbound Server(optional): the backup outbound proxy server.

Backup Outbound Port(optional): the backup outbound proxy port

Method 2

1. Select the devices that you want to set or click **Select > Select All** .Click on **File > Export Device Parameter (*.csv)**, save the configure template(.csv file) on the computer. Edit the file as required. Then click on **File > Import Devices**

Parameter(*.cvs).



2. When modified the parameters successfully, you will see the **Result** shows **Success**.

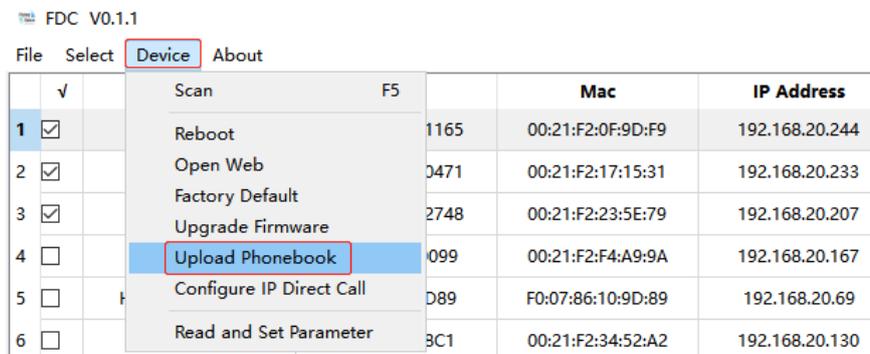
	Device	SN	Mac	IP Address	Version	Reg Status	Reg Number	Run Time	Result
1	FIP11W	FLY6416B001165	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered	102	1 d 0 h 32 m	Success
2	FIP11W	FLY80183000471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered	746	6 d 21 h 7 m	Success
3	FIP10	FLY10620302748	00:21:F2:23:5E:79	192.168.20.207	V0.5.3.4(2020112416...	Register Fail	1005,11	3 d 1 h 18 m	Success

3.3 Upload Phonebook

1. Copy the form(template) below to an Excel file and add the contacts, save it as the csv file.

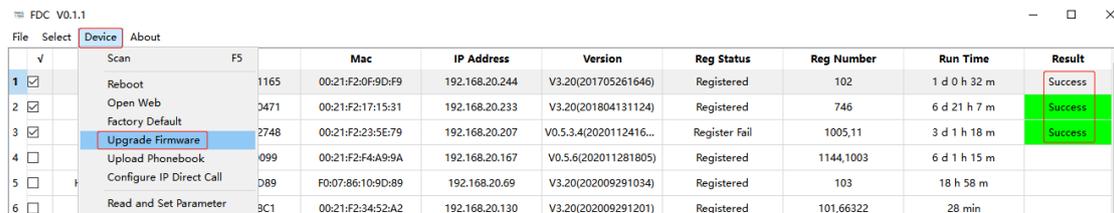
name	office_number	mobile_number	other_number	line	ring	group_name
(required)				0	1	

2. Open FDC software, select the device that you want to upload the phonebook or select all. Click **Device > Upload phonebook**, select the phonebook file and upload.



3.4 Firmware Upgrade

Select the devices that you want to update or select all. Click **Device > Upgrade firmware**, select the firmware(bin. file) and update.



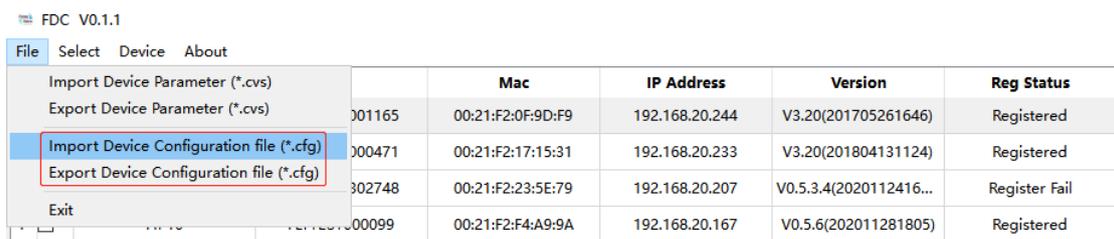
The screenshot shows the FDC V0.1.1 interface with a table of device information. A context menu is open over the table, highlighting the 'Upgrade Firmware' option. The table columns are: ID, Mac, IP Address, Version, Reg Status, Reg Number, Run Time, and Result. The 'Result' column for the 'Upgrade Firmware' row is highlighted in green and contains the text 'Success'.

		Mac	IP Address	Version	Reg Status	Reg Number	Run Time	Result	
1	<input checked="" type="checkbox"/>	1165	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered	102	1 d 0 h 32 m	Success
2	<input checked="" type="checkbox"/>	0471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered	746	6 d 21 h 7 m	Success
3	<input checked="" type="checkbox"/>	2748	00:21:F2:23:5E:79	192.168.20.207	V0.5.3.4(2020112416...	Register Fail	1005,11	3 d 1 h 18 m	Success
4	<input type="checkbox"/>	099	00:21:F2:F4:A9:9A	192.168.20.167	V0.5.6(202011281805)	Registered	1144,1003	6 d 1 h 15 m	
5	<input type="checkbox"/>	089	F0:07:86:10:9D:89	192.168.20.69	V3.20(202009291034)	Registered	103	18 h 58 m	
6	<input type="checkbox"/>	3C1	00:21:F2:34:52:A2	192.168.20.130	V3.20(202009291201)	Registered	101,66322	28 min	

When updating the firmware successfully, you will see **Success** under the **Result** option. Click **Device > Scan** to update the device information after the firmware update.

3.5 Import/Export Device Configuration file

Select the devices that you want to update or select all. Click **File > Export Device Configuration file(*.cfg)** to export the config file. After modified the config file, select **File > Import Device Configuration file(*.cfg)** to import it.

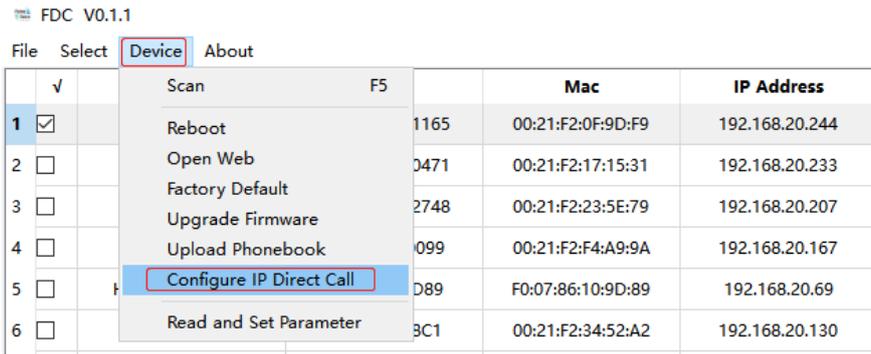


The screenshot shows the FDC V0.1.1 interface with a table of device information. A context menu is open over the table, highlighting the 'Import Device Configuration file (*.cfg)' option. The table columns are: ID, Mac, IP Address, Version, and Reg Status. The 'Import Device Configuration file (*.cfg)' option is highlighted in blue.

	Mac	IP Address	Version	Reg Status
001165	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered
000471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered
302748	00:21:F2:23:5E:79	192.168.20.207	V0.5.3.4(2020112416...	Register Fail
00099	00:21:F2:F4:A9:9A	192.168.20.167	V0.5.6(202011281805)	Registered

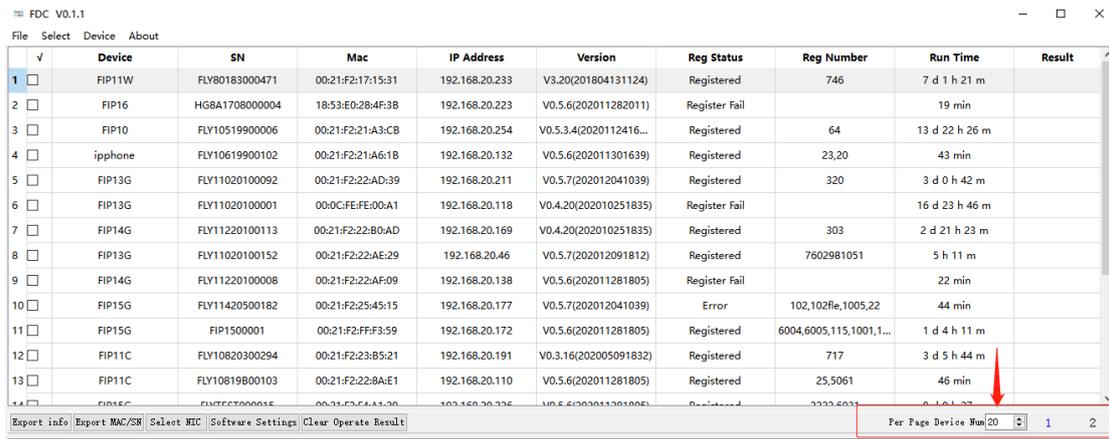
3.6 Configure IP Direct Call

IP Direct Call allows you to make calls with IP address directly, no need to register to a PBX server. Go to **Device > Configure IP Direct Call** to set it up.

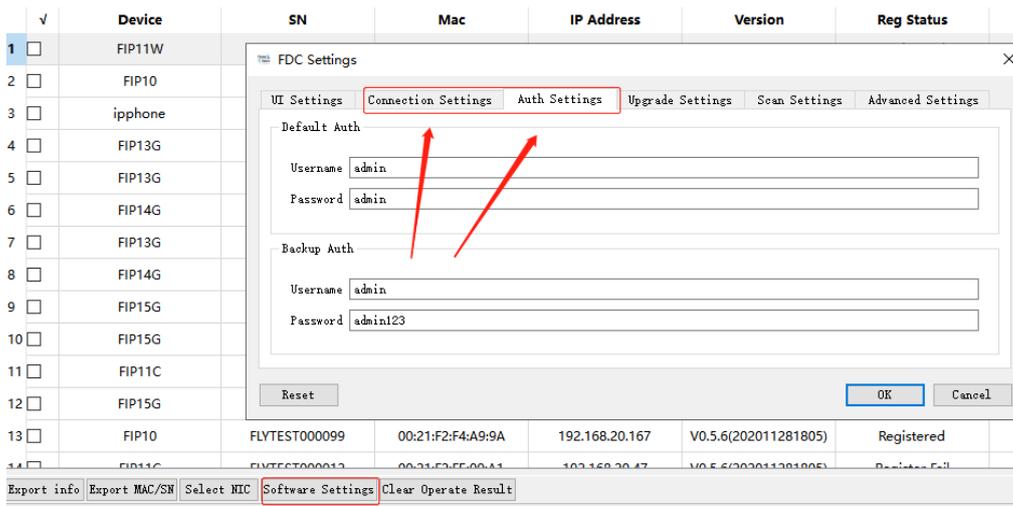


3.7 Other Functions

1. The FDC software supports to adjust the number of devices displayed on each page.



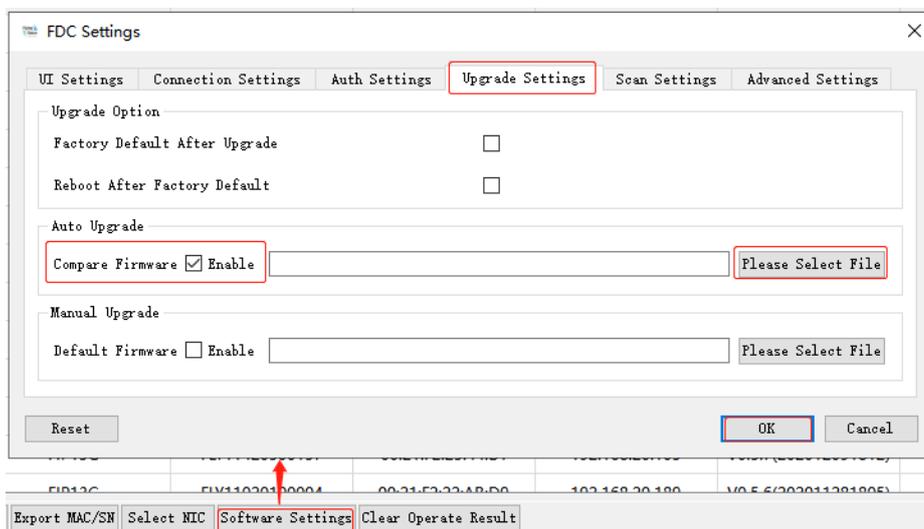
2. The FDC software supports to change the connection settings and authentication settings. When you changed the default login username and password on the web management page, you need to update the username and password on the software before you log in to the web with the software.



3. Upgrade the firmware version automatically.

When FDC software detects the device firmware version is lower than the one previously uploaded, it will automatically upgrade the device.

Go to **Software Settings > Upgrade Settings**, enable **Compare Firmware** under Auto Upgrade, select the firmware and click **OK** to restart the software.



4. Scan specific model device.

Go to **Software Settings > Scan Settings**, enter the Filter Model Type (**Capital**

letters) and click **OK**. The software will restart, go to **Device > Scan**, only FIP10 will be detected.

Note: To scan multiple models, enter the model number and separate with commas “ , ”.

