

FDC Software User Guide

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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.

Device	SN	Mac	IP Address	Version	Reg Status	Reg Number	Run Time	Result
t info Export MAC/SN Sele-	t MIC Software Setti:	ngs Clear Operate Result					Per Page De	vice Num 20

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.

🐃 Please Select Network Interface	×
Realtek PCIe GbE Family Controller: 192.168.20.137	•
OK	Cancel

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.



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.

1	IP60W-F	F-H Scan Reboot	F007861388C1 F5	00:21:F2:34:52:A2 00:21:F2:21:A3:CB 00:21:F2:0F:9D:F9	192.168.20.130 192.168.20.254 192.168.20.244	V3.20(202009291201) V0.5.3.4(2020112416 V3.20(201705261646)	Registered Registered Registered	101,66322 64 102	22 h 44 m 13 d 17 h 18 m 23 h 37 m	
2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	FI	Scan Reboot	F5	00:21:F2:21:A3:CB 00:21:F2:0F:9D:F9	192.168.20.254 192.168.20.244	V0.5.3.4(2020112416 V3.20(201705261646)	Registered Registered	64 102	13 d 17 h 18 m 23 h 37 m	
3 🗆 4 🗆 5 🗆	FIP	Reboot		00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered	102	23 h 37 m	
4 🗆 5 🗆	FI	-								
5 🗆		Open Web Factory Default		00:21:F2:23:5E:71	192.168.20.128	V0.5.3.4(2020112416	Registered	1002	3 d 0 h 24 m	
	FI			00:21:F2:23:3A:86	192.168.20.153	V0.5.6(202011281805)	Error	104,103fle	5 d 18 h 15 m	
6 🗆	FIP	Upgrade Upload P	Primware Phonebook	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered	746	6 d 20 h 13 m	
7 🗆	FIP	Configure IP Direct Call		00:21:F2:23:B1:19	192.168.20.179	V0.5.7(202012041039)	Registered	1006	16 h 54 m	
8 🗆	HA9888	Read and	I Sat Parameter	F0:07:86:10:9D: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.

🐃 FDC Paramete	rs	×
Product Info	Subscriber Info Proxy and Registration Wan Network Wifi Network	
Device	FIP10	
SN	FLY10519900006	
MAC	00:21:F2:21:A3:CB	
Line Number	1	
Line Enable	1	
	OK Cano	1

Batch Read and set the parameters

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

(internal Constants	FDC	V0.1.1				
File	Sel	ect Device About				
		Select All	Mac	IP Address	Version	Reg Status
1	С	Inverse	00:21:F2:21:A3:CB	192.168.20.254	V0.5.3.4(2020112416	Registered
2	v	Select Devices with Successful Operation	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered
3	2	Select Devices with Fail Operation	00:21:F2:23:3A:86	192.168.20.153	V0.5.6(202011281805)	Error
4		Select All: FIP14G Select All: IP60W-F-H	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered
5	2	Select All: FIP11W	00:21:F2:23:B1:19	192.168.20.179	V0.5.7(202012041039)	Registered

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

100	FDC	V0.1	.1						
Fil	e Se	elect	Device About						
	٧		Scan	F5		Mac	IP Address	Version	
1	\checkmark		Reboot		0006	00:21:F2:21:A3:CB	192.168.20.254	V0.5.3.4(2020112416	
2			Open Web		1165	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	
3	\checkmark		Factory Default Upgrade Firmwa	are	0447	00:21:F2:23:3A:86	192.168.20.153	V0.5.6(202011281805)	
4			Upload Phonebook	ook	0471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	
5			Configure IP Dir	ect Call	0036	00:21:F2:23:B1:19	192.168.20.179	V0.5.7(202012041039)	
6		ł	Read and Set Pa	rameter	D89	F0:07:86:10:9D:89	192.168.20.69	V3.20(202009291034)	

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.

Devi	e 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			64	64	64		192.168.20.22	5060	
2 FIP11	W 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 FIP11	W FLY80183000471	00:21:F2:17:15:31	1	1	746	746	746		192.168.20.57	5060	
5 FIP11	C 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).

(international states)	FDC V0.1.1			
File	Select Device About			
	Import Device Parameter (*.cvs)		Mac	IP Address
	Export Device Parameter (*.cvs)	900006	00:21:F2:21:A3:CB	192.168.20.254
	Import Device Configuration file (*.cfg)	001165	00:21:F2:0F:9D:F9	192.168.20.244
	Export Device Configuration file (^.cfg)	300447	00:21:F2:23:3A:86	192.168.20.153
	Exit	- 300471	00:21:F2:17:15:31	192.168.20.233

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

Success.

📾 FDC V	/0.1.1								- 🗆				
File Select Device About													
1	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.

(ter)	mi FDC V0.1.1											
Fil	e Se	elect	Device	About								
	٧		Sca	in	F5			Mac	IP Address			
1			Ret	poot		1165	00:21:F	2:0F:9D:F9	192.168.20.244			
2			Ор	Open Web Factory Default Upgrade Firmware		0471	00:21:F	2:17:15:31	192.168.20.233			
3			Fac Up			2748	00:21:F	2:23:5E:79	192.168.20.207			
4			Up	load Phonebook		099	00:21:F	2:F4:A9:9A	192.168.20.167			
5		ŀ	Co	nfigure IP Direct Ca	ill	D89	F0:07:8	5:10:9D:89	192.168.20.69			
6			Rea	ad and Set Paramet	er	BC1	00:21:F	2:34:52:A2	192.168.20.130			

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.

= FDC VC	0.1.1										-
File Selec	t D	evice About									
1		Scan	F5		Mac	IP Address	Version	Reg Status	Reg Number	Run Time	Result
1 🗹		Reboot		1165	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered	102	1 d 0 h 32 m	Success
2 🗹		Open Web		0471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered	746	6 d 21 h 7 m	Success
3 🗹		Factory Default		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 🗆		Upload Phonebook		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 🗆	F	Configure IP Direct Ca	all i	D89	F0:07:86:10:9D:89	192.168.20.69	V3.20(202009291034)	Registered	103	18 h 58 m	
6 🗌		Read and Set Paramet	ter	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.

923	FDC V0.1.1					
File	Select Device About					
	Import Device Parameter (*.cvs)		Mac	IP Address	Version	Reg Status
	Export Device Parameter (*.cvs)	001165	00:21:F2:0F:9D:F9	192.168.20.244	V3.20(201705261646)	Registered
	Import Device Configuration file (*.cfg)	000471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered
	Export Device Configuration file (*.cfg)	302748	00:21:F2:23:5E:79	192.168.20.207	V0.5.3.4(2020112416	Register Fail
	Exit	.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.

FDC	V0.1	1				
Se	lect	Device About				
٧		Scan	F5		Mac	IP Address
		Reboot		1165	00:21:F2:0F:9D:F9	192.168.20.244
		Open Web		0471	00:21:F2:17:15:31	192.168.20.233
		Factory Default Upgrade Firmwa	re	2748	00:21:F2:23:5E:79	192.168.20.207
		Upload Phonebo	ook	099	00:21:F2:F4:A9:9A	192.168.20.167
	ŀ	Configure IP Dire	ect Call	D89	F0:07:86:10:9D:89	192.168.20.69
		Read and Set Pa	rameter	BC1	00:21:F2:34:52:A2	192.168.20.130
	Se ✓		Select Device About ✓ Scan ✓ Reboot Open Web Factory Default Upgrade Firmwa Upload Phonebo Configure IP Dire Read and Set Pa	Select Device About V Scan F5 Image: Scan F5 Image: Scan F5 Image: Scan F3 Image: Scan F3	Select Device About ✓ Scan F5 ✓ Reboot 1165 ✓ Open Web 0471 Factory Default 2748 ✓ Upload Phonebook 099 ✓ Configure IP Direct Call D89 Read and Set Parameter 3C1	Select Device About ✓ Scan F5 Mac ✓ Reboot 1165 00:21:F2:0F:9D:F9 Open Web 0471 00:21:F2:17:15:31 Factory Default 2748 00:21:F2:23:5E:79 Upload Phonebook 099 00:21:F2:F4:A9:9A Configure IP Direct Call 089 F0:07:86:10:9D:89 Read and Set Parameter 3C1 00:21:F2:34:52:A2

3.7 Other Functions

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

√	Device	SN	Mac	IP Address	Version	Reg Status	Reg Number	Run Time	Result
1	FIP11W	FLY80183000471	00:21:F2:17:15:31	192.168.20.233	V3.20(201804131124)	Registered	746	7 d 1 h 21 m	
2	FIP16	HG8A1708000004	18:53:E0:28:4F:3B	192.168.20.223	V0.5.6(202011282011)	Register Fail		19 min	
3 🗆	FIP10	FLY10519900006	00:21:F2:21:A3:CB	192.168.20.254	V0.5.3.4(2020112416	Registered	64	13 d 22 h 26 m	
4 🗆	ipphone	FLY10619900102	00:21:F2:21:A6:1B	192.168.20.132	V0.5.6(202011301639)	Registered	23,20	43 min	
5 🗆	FIP13G	FLY11020100092	00:21:F2:22:AD:39	192.168.20.211	V0.5.7(202012041039)	Registered	320	3 d 0 h 42 m	
5 🗆	FIP13G	FLY11020100001	00:0C:FE:FE:00:A1	192.168.20.118	V0.4.20(202010251835)	Register Fail		16 d 23 h 46 m	
7 🗆	FIP14G	FLY11220100113	00:21:F2:22:B0:AD	192.168.20.169	V0.4.20(202010251835)	Registered	303	2 d 21 h 23 m	
3 🗆	FIP13G	FLY11020100152	00:21:F2:22:AE:29	192.168.20.46	V0.5.7(202012091812)	Registered	7602981051	5 h 11 m	
	FIP14G	FLY11220100008	00:21:F2:22:AF:09	192.168.20.138	V0.5.6(202011281805)	Register Fail		22 min	
0	FIP15G	FLY11420500182	00:21:F2:25:45:15	192.168.20.177	V0.5.7(202012041039)	Error	102,102fle,1005,22	44 min	
11	FIP15G	FIP1500001	00:21:F2:FF:F3:59	192.168.20.172	V0.5.6(202011281805)	Registered	6004,6005,115,1001,1	1 d 4 h 11 m	
12 🗆	FIP11C	FLY10820300294	00:21:F2:23:B5:21	192.168.20.191	V0.3.16(202005091832)	Registered	717	3 d 5 h 44 m	
3 🗆	FIP11C	FLY10819B00103	00:21:F2:22:8A:E1	192.168.20.110	V0.5.6(202011281805)	Registered	25,5061	46 min	
	FID16C	FINTECT00001E	00.01.00.04.41.00	100 160 00 006	VO 5 6(000011001005)	na dia second	2222 6021	0 101 07	

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.

√	Device	SN	Mac	IP Address	Version	Reg Status	
1 🗆	FIP11W	The FDC Settings					×
2 🗌	FIP10						
3 🗌	ipphone	UI Settings	Connection Settings	Auth Settings Upgrade	Settings Scan Setting	s Advanced Settings	
4 🗆	FIP13G	berault Auth		/			
5 🗌	FIP13G	Username adm	in /				
6 🗌	FIP14G	Password adm	in				
7 🗆	FIP13G	Backup Auth					
8	FIP14G	Variation of the					
9 🗌	FIP15G	Disernane adm	in :-102				
10 🗌	FIP15G	Tassword adm	111125				
11 🗆	FIP11C						
12 🗌	FIP15G	Reset				OK Cancel	1
13 🗌	FIP10	FLYTEST000099	00:21:F2:F4:A9:9A	192.168.20.167	V0.5.6(202011281805)	Registered	
14 🗖	CID11C	FIVTECT000010	00.21.52.55.00.41	102 169 20 47	V/0 E E(20201120100E)	Desister Fail	
Export i	nfo Export MAC/SN Select	NIC Software Settings	Clear Operate Result				

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.

Л Settings	Connection Settings	Auth Settings	Upgrade Setting	s Scan Settings	Advanced Settings	
- Upgrade Opt	ion	_			_	
Factory Def	ault After Upgrade					
Reboot Afte	r Factory Default					
Auto Upgrad	e					
Compare Fir	mware 🗹 Enable				Please Select File	
Manual Upgr	ade					
Default Fir	mware 🗌 Enable				Please Select File	
Reset					OK Cance	al
						-

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 ",".

Settings Connection S	ttings Auth Settings Upgrade Settings Scan Settings	Advanced Settings
Scan NIC	Realtek PCIe GbE Family Controller: 192.168.20.137	•
Scan List	Enable	Please Select File
Filter Model Type	FIP10, FIP11C	
Scan Timeout(Sec)	0.03	▲
Auto Scan Interval (Sec)	0	×
leset	L	OK Cance