

# Quick Guide

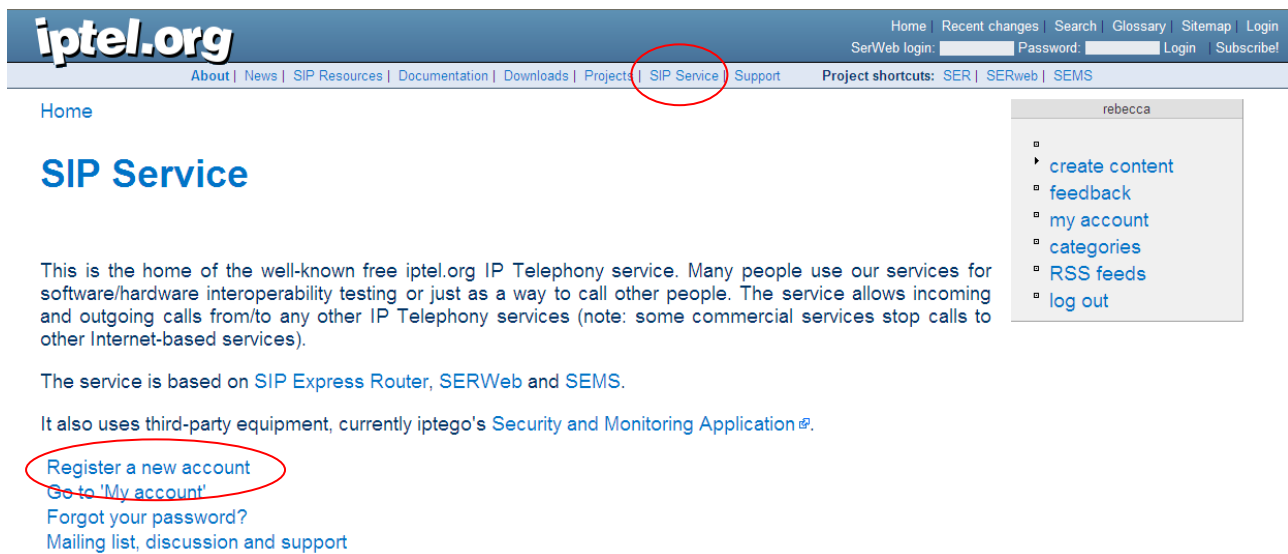
## Please register the server as follow

(Note: Both MV and FTA need to register one account separately)

Recommendation: iptel server

<http://www.iptel.org/service>

SIP Service/Register a new account



The screenshot shows the homepage of iptel.org. The navigation bar at the top includes links for Home, Recent changes, Search, Glossary, Sitemap, and Login. Below this, there are fields for SerWeb login and Password, and buttons for Login and Subscribe!. The main navigation bar contains links for About, News, SIP Resources, Documentation, Downloads, Projects, SIP Service (circled in red), and Support. Project shortcuts for SER, SERweb, and SEMS are also listed. The main content area features a 'Home' link, a 'SIP Service' heading, and a paragraph explaining the service. A sidebar on the right shows a user profile for 'rebecca' with links for create content, feedback, my account, categories, RSS feeds, and log out. At the bottom of the main content area, there are links for 'Register a new account' (circled in red), 'Go to My account', 'Forgot your password?', and 'Mailing list, discussion and support'.

first name:

last name:

email:

Address to which a subscription confirmation request will be sent. (If an invalid address is given, no confirmation will be sent and no SIP account will be created.)

phone:

This is your PSTN phone number where you can be reached.

your timezone:

pick your user name:

Your SIP address will be username@iptel.org. Indicate only the username part of the address. It may be either a numerical address starting with '8' (e.g., '8910') or a lower-case alphanumerical address starting with an alphabetical character (e.g., john.doe01). Do not forget your username -- you will need it to configure your phone!

pick password:

Do not forget your password -- you will need it to configure your phone!

confirmation password:


# MV-370 setting

Default IP: 192.168.0.100

Username: voip

Password: 1234

## 1. SIP Setting/Service Domain



**Route**

**Mobile**

**Network**

**SIP Settings**

- Service Domain
- Port Settings
- Codec Settings
- Codec ID Setting
- DTMF Setting
- RPort Setting
- SIP Responses
- Other Settings

**STUN Setting**

**Update**

- System Authority
- Save Change
- Reboot

## Service Domain Settings

Mobile 1 ▾

### Realm 1 (Default)

Active:  ON  OFF

Display Name: 8730217

User Name: 8730217

Register Name: 8730217

Register Password: ●●●●●●

Domain Server:

Proxy Server: sip.iptel.org

Outbound Proxy:

Status: Registered

Please fill iptel user name and password, proxy server

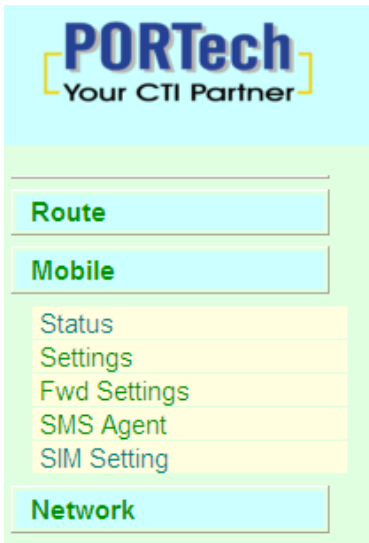
### Realm 2

Active:  ON  OFF

Display Name:

User Name:

## 2. SIM Setting



## SIM Setting

SIM Card of Mobile 1

Mode  Local  Remote

Mobile ID

Card ID

SIM Server

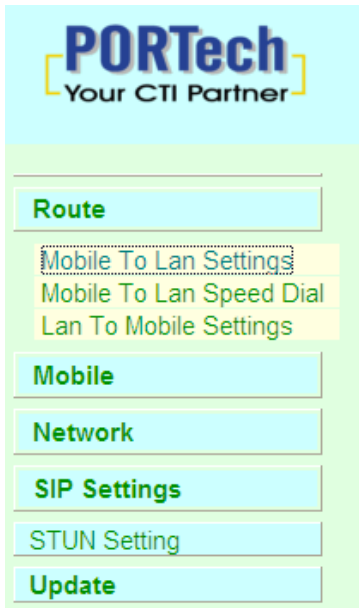
Choose Remote

Please fill FTA-102L SIM ID

Please fill fixed IP, 192.168.0.100:38000

## 3. Route

### (1) Mobile to Lan



## Mobile To LAN Table

Page: 1

Item	CID	URL	Select
0	*	8104104	<input type="checkbox"/>
1			<input type="checkbox"/>
2			<input type="checkbox"/>
3			<input type="checkbox"/>
4			<input type="checkbox"/>
5			<input type="checkbox"/>
6			<input type="checkbox"/>
7			<input type="checkbox"/>

Please fill FTA iptel account

(2) Lan to Mobile

**PORTech**  
Your CTI Partner

**Route**

Mobile To Lan Settings  
Mobile To Lan Speed Dial  
Lan To Mobile Settings

**Mobile**

**Network**

**SIP Settings**

STUN Setting

**Update**

System Authority

Save Change

Reboot

## LAN To Mobile Table

Page: 1

Item	URL	Call Num	Select
0	*	#	<input type="checkbox"/>
1			<input type="checkbox"/>
2			<input type="checkbox"/>
3			<input type="checkbox"/>
4			<input type="checkbox"/>
5			<input type="checkbox"/>
6			<input type="checkbox"/>
7			<input type="checkbox"/>
8			<input type="checkbox"/>
9			<input type="checkbox"/>

Delete Selected Delete All Reset

**Add New**

Position:  (0~49)

URL:  Ex:192.168.0.1, 192.168.0.\*

Call Num:  Ex:0911, \*:2St, #, #d?, #d?A?:1St

**When you finished the settings, please click the Submit button and Save Change.**

# FTA-102L Setting

1. Please insert network cable (WAN), phone (FXS), PSTN line (FXO), and power  
Then dial #126# by using FXS phone to get WAN IP  
Please access webpage, http://WAN IP: 9999  
Username: fta  
Password: 1234

## 2. SIP Setting / Service Domain

**PORTech**  
Your CTI Partner

- Phone Book
- SIM Setting
- Phone Setting
- Network
- SIP Settings**
  - Service Domain
  - Port Settings
  - Codec Settings
  - Codec ID
  - DTMF Setting
  - Other Settings
- NAT Trans.
- Others
- Update
- Backup
- System Authority
- Save Change
- Reboot

## Service Domain Settings

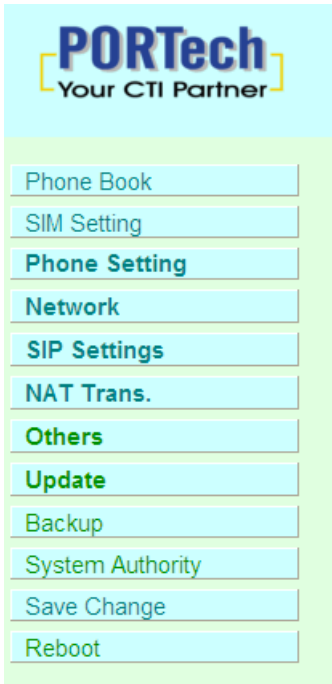
You could set information of service domains in this page.

Realm No.:

Realm	
Active:	<input checked="" type="radio"/> On <input type="radio"/> Off
Display Name:	<input type="text" value="8104104"/>
User Name:	<input type="text" value="8104104"/>
Register Name:	<input type="text" value="8104104"/>
Register Password:	<input type="password" value="....."/>
Domain Server:	<input type="text"/>
Proxy Server:	<input type="text" value="sip.iptel.org"/>
Outbound Proxy:	<input type="text"/>
Subscribe for MWI:	<input type="radio"/> On <input checked="" type="radio"/> Off
Status:	Registered

Please fill iptel user name and password, proxy server

### 3. SIM Setting



## SIM Setting

Enable	Port
Service Port	<input type="text" value="38000"/> (1024~60000)
SIM ID	<input type="text" value="a0000166"/>
Module Name or URL	<input type="text" value="8730217@sip.iptel.org"/>
Module ID	
Remote IP	Not Connect
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

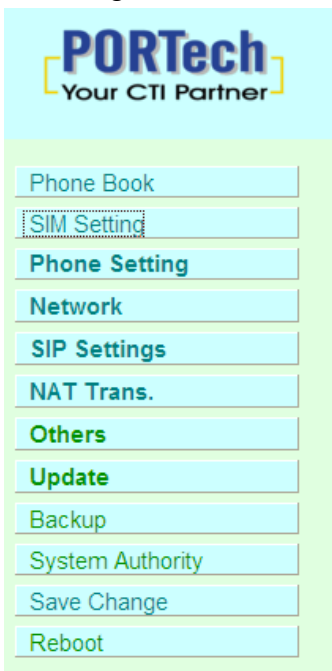
For MV-370 part, it must fill this SIM ID (user can make definition.)

Please fill MV-370's registered iptel account

Please press submit, and save change

Then click Submit / Save Change

After registered, SIM Setting status will show as follows diagram:

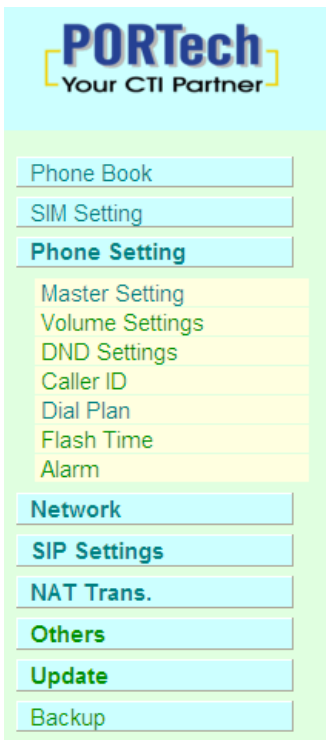


## SIM Setting

Enable	Port
Service Port	<input type="text" value="38000"/> (1024~60000)
SIM ID	<input type="text" value="a0000166"/>
Module Name or URL	<input type="text" value="8730217@sip.iptel.org"/>
Module ID	<input type="text" value="a0000000"/>
Remote IP	<input type="text" value="59.125.1.193:1200"/>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

After connection, you can see module ID /Remote IP change

3. Phone Setting  
(1) Master Setting

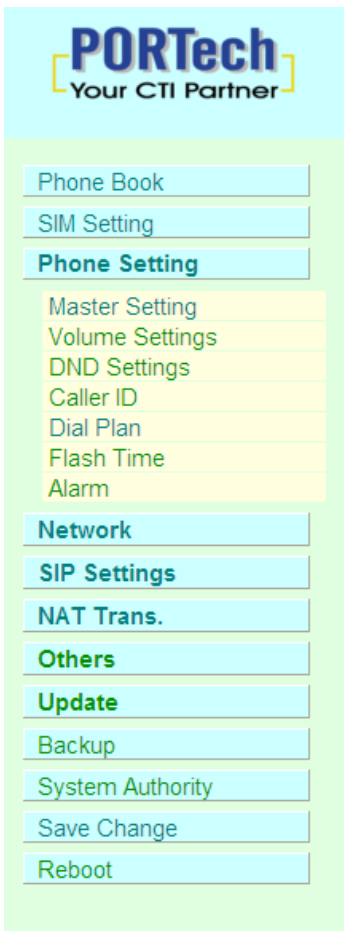


## Master Setting

You could set the master number of your phone in this page.

The screenshot shows the "Master Setting" form. The "Master Number" field contains "0911123456" and is circled in red. A callout box points to this field with the text: "Please fill the whole Master number-User oversea mobile number or PSTN number (deployed in FTA's locaiton)". Other fields include "No Answer Fwd Time Out" with a value of "3" and a note "(2~8 Ring, 0 to)". There are "Submit" and "Reset" buttons.

(2) Phone Setting / Dial Plan




## Dial Plan

You could the set the dial plan in this page.

The screenshot shows the "Dial Plan" form. The "Routing to" section has radio buttons for "IP", "FXO" (selected and circled in red), and "Disable". The "Routing rule" field contains "0911" and is circled in red. A callout box points to this field with the text: "Please select 'FXO' and fill the prefix of destination mobile number or PSTN number that can allow to dial out from FXO". Below are four "Drop prefix" and "Replace rule" sections, each with "Yes/No" radio buttons and input fields. The "Realm 1 prefix" field contains "1\*".



#### 4. Others / FXO & FXS Setting



- Phone Book
- SIM Setting
- Phone Setting**
- Network
- SIP Settings
- NAT Trans.
- Others**
  - FXO & FXS
  - Advance
  - Status Log
- Update**
- Backup
- System Authority
- Save Change
- Reboot

## FXO & FXS Setting

You could select the FXO & FXS impedance of the analog telephone by different country in this page.

FXO Port:

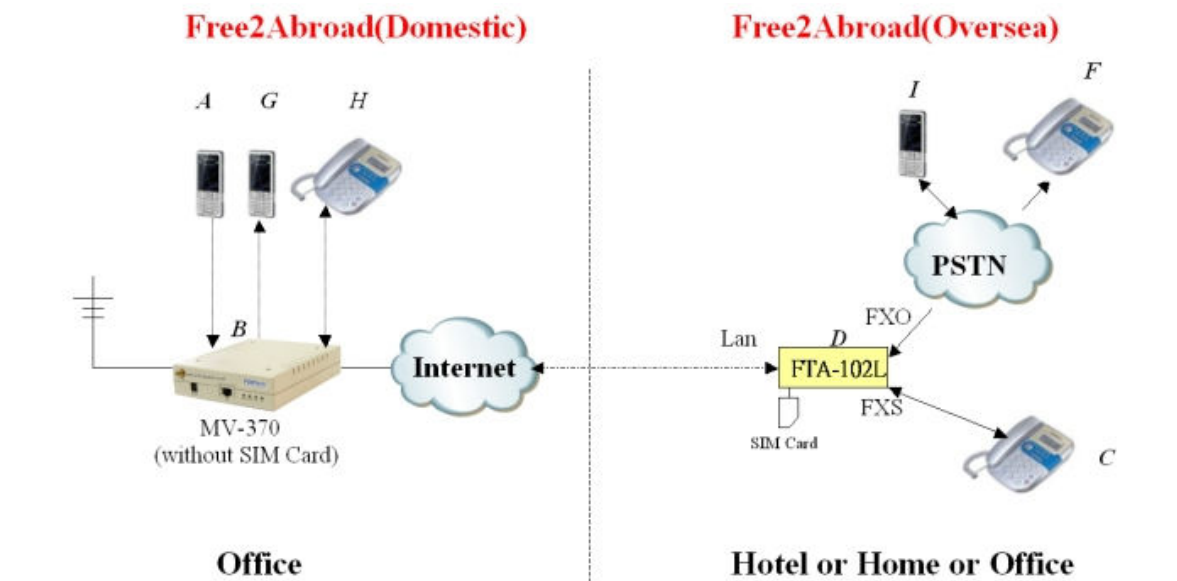
FXS Port:

FXO Silence Timeout :  (1~250 minutes)

FXO CID forward:  On  Off

Please select the FTA Location

# Application



1. It can answer any domestic incoming calls while overseas traveling (A—B—D—C) or (A—B—D—F(I))
2. You can make local calls from F(I) -side (F(I)—D—B—G(H))
3. It can hear B's voice mail via C-side or F(I) -side.
4. It can read/receive the B-side's SMS on web.
5. It can make any domestic GSM calls from C-side (C—D—B—G(H)) or (F(I) side (with Caller ID Verification))
6. A—C—F(I) 3 Ways conference
7. A—C—F(I) or F(I)—C—A Call Forward

Term 1. All incoming calls to FTA SIM Number will transfer to C.

If C ring X times and no answer, the call will directly forward to Master number (I or F)

Term 2. F call PSTN number, it will hear dial tone

(1) press "\*" to connect C

(2) press Domestic number that dial out via FTA's SIM

Term 3. Press voice mail short Code in C or F side directly

Term 4. Send / Receive SMS on MV-370 web directly

Term 5. You can call any domestic GSM number from C via FTA SIM

Term 6. Incoming call of FTA SIM Number

C answer → flash hook → hear dial tone → press #512# → hear dial tone → press any overseas destination number (must fit the prefix of dial plan-FXO) that dial out via PSTN. C side must press flash hook again

Term 7. (1) A—C—F(I)

Incoming call of FTA SIM Number

C answer → flash hook → hear dial tone → press any overseas destination number (must fit the prefix of dial plan-FXO) that dial out via PSTN

C side must hook on

(2) F(I)—C—A

F(I) call PSTN,

C answer → flash hook → hear dial tone → press any domestic destination number that dial out via FTA SIM