

# Quick Guide

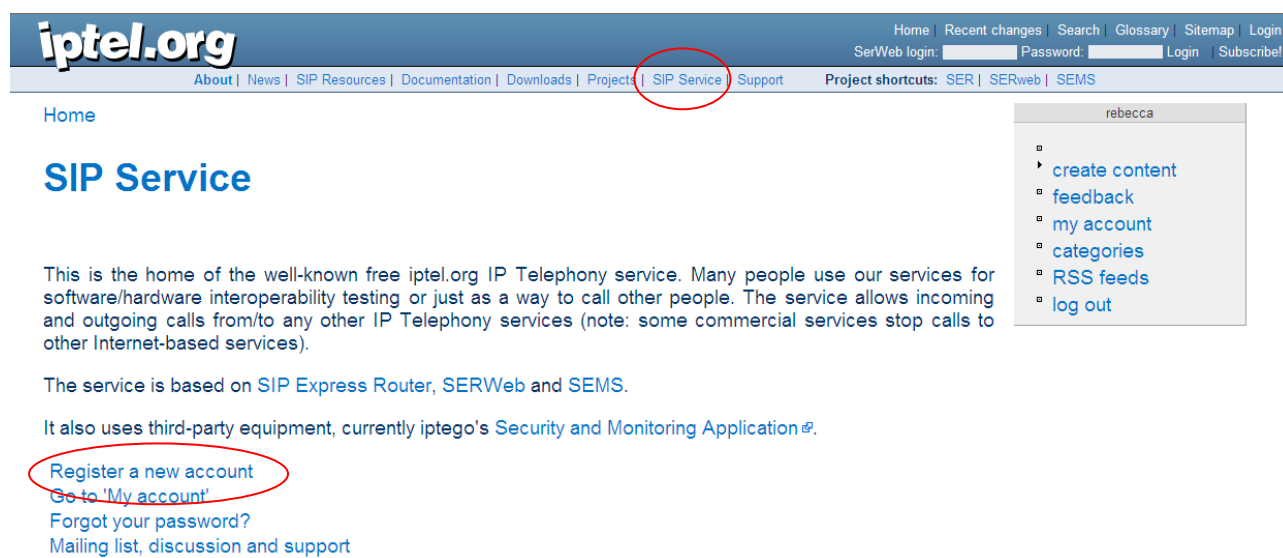
## Please register the server as follow

(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 links for SerWeb login, Password, Login, and Subscribe. The main navigation bar lists About, News, SIP Resources, Documentation, Downloads, Projects, SIP Service (circled in red), and Support. The SIP Service page is displayed, featuring a 'Home' link and a 'SIP Service' heading. A paragraph describes the service as a free IP Telephony service. Below this, it mentions the service is based on SIP Express Router, SERWeb, and SEMS. It also states that the service uses third-party equipment, specifically iptego's Security and Monitoring Application. At the bottom of the page, there are links for 'Register a new account' (circled in red), 'Go to My account', 'Forgot your password?', and 'Mailing list, discussion and support'. On the right side, there is a sidebar with a user profile for 'rebecca' and a list of links: create content, feedback, my account, categories, RSS feeds, and log out.

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

**PORTech**  
Your CTI Partner

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.ptel.org

Outbound Proxy:

Status:

Registered

**Realm 2**

Active:

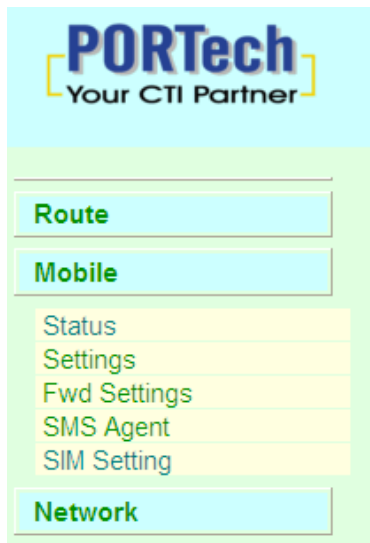
☐ ON ☒ OFF

Display Name:

User Name:

Please fill iptel user name and password,proxy server

## 2. SIM Setting



## SIM Setting

**SIM Card of Mobile 1**

Mode: ☐ Local ☒ Remote

Mobile ID:

Card ID:

SIM Server:

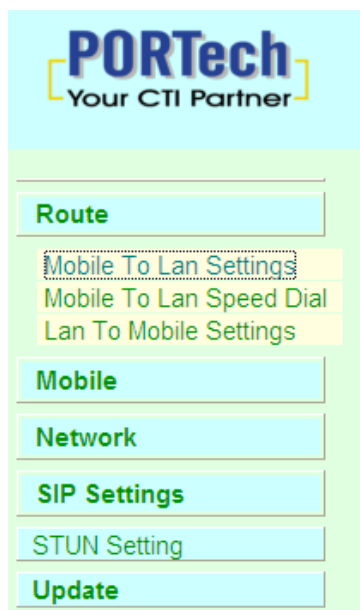
Choose Remote

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

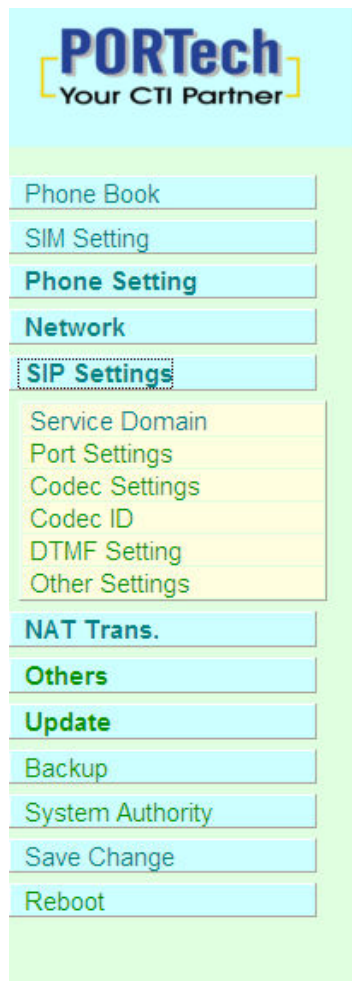
1. Please insert network cable (WAN), phone (FXS), PSTN line (FXO), and power  
Then dial #126# by using FXS phone to get WAN IP

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

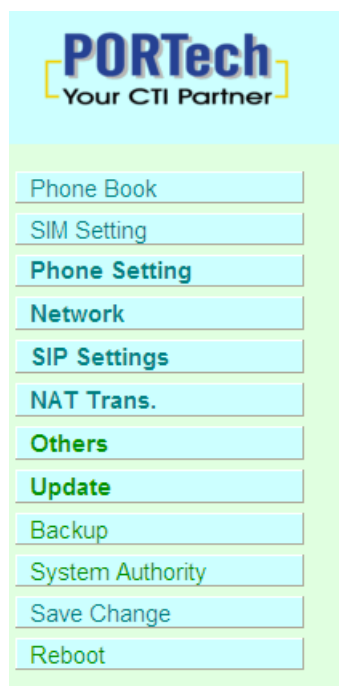
You could set information of service domains in this page.

Realm No.: Realm 1

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
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

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

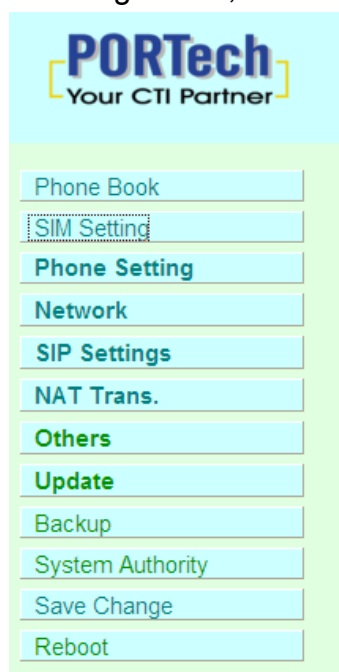
For MV-370 part, it must fill this SIM ID (user can make definition.)

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"/>

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

### 3. Phone Setting

#### (1) Master Setting

The screenshot shows the PORTech web interface with the 'Phone Setting' menu highlighted. The menu includes options like Master Setting, Volume Settings, DND Settings, Caller ID, Dial Plan, Flash Time, Alarm, Network, SIP Settings, NAT Trans., Others, Update, and Backup.

## 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 is highlighted with a red circle and a callout box. The callout text reads: 'Please fill the whole Master number-User oversea mobile number or PSTN number (deployed in FTA's locaiton)'. The form also includes fields for 'No Answer Fwd Time Out' and 'Submit'/'Reset' buttons.

#### (2) Phone Setting / Dial Plan

The screenshot shows the PORTech web interface with the 'Phone Setting / Dial Plan' menu highlighted. The menu includes options like Master Setting, Volume Settings, DND Settings, Caller ID, Dial Plan, Flash Time, Alarm, Network, SIP Settings, NAT Trans., Others, Update, Backup, System Authority, Save Change, and Reboot.


## Dial Plan

You could the set the dial plan in this page.

The screenshot shows the Dial Plan form. The 'Routing rule' field is highlighted with a red circle and a callout box. The callout text reads: 'Please select "FXO" and fill the prefix of destination mobile number or PSTN number that can allow to dial out from FXO'. The form also includes fields for 'Routing to' (IP, FXO, Disable), 'Drop prefix', 'Replace rule', and 'Realm 1 prefix'.



#### 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: USA ▼

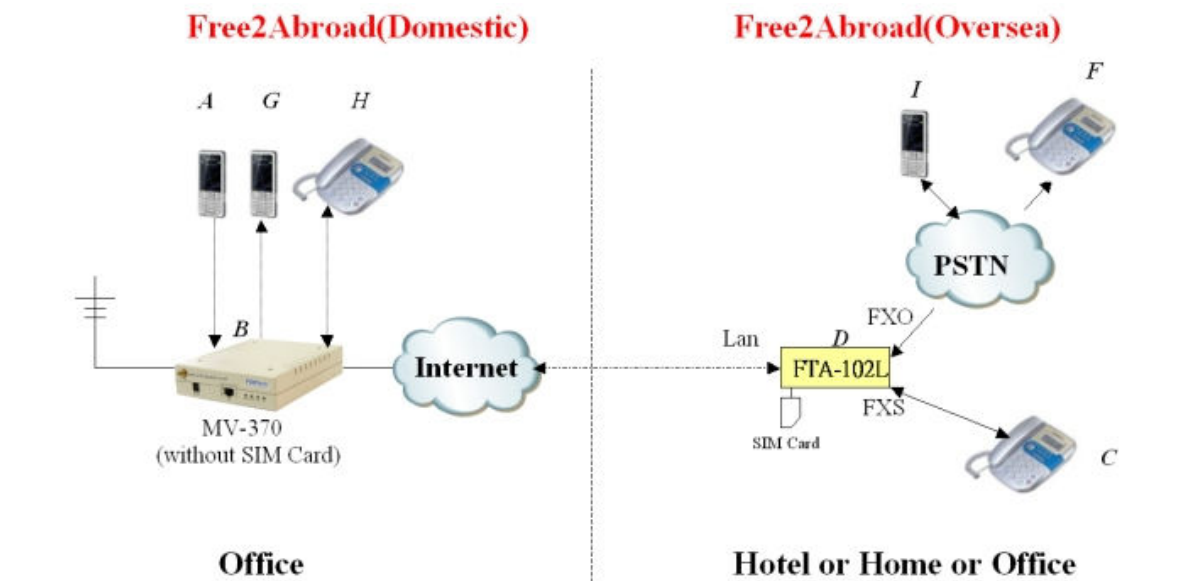
FXS Port: USA ▼

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