

# Remotely register one IP phone to the IPPBX

## 1. Build one DDNS if you have no static IP for accessing the internet.

To get one free domain from [www.dyndns.org](http://www.dyndns.org).

Like ours:

DDNS Enable:	<input checked="" type="checkbox"/>
Username:	<input type="text" value="zycootech"/>
Password:	<input type="password" value="*****"/>
Domain:	<input type="text" value="zycootech.dyndns."/>
<input type="button" value="Save"/>	

## 2. If the IPPBX is behind the Router, please open port 5060 for signaling and the 10001-10200 port for RTP. And 9999 port for you web, and make the port map for IPPBX.

Server port	<input type="text" value="5060"/>	(XX-XX or XX)
IP Address	<input type="text" value="192.168.1.251"/>	
Protocol	<input type="text" value="ALL"/>	
Status	<input type="text"/>	

## 3. Now ,if your dyndns and the port mapping is successfully set up, you can access your web

Like:

<http://zycootech.dyndns.org:9999>

## 4. Then set the sip support.

Management-->Show Advanced Option(at the bottom of the page)-->Go To Global SIP Settings---->Nat Support

### NAT Support

External ip:	<input type="text" value="zycootech.dyndns."/>
External Host:	<input type="text" value="zycootech.dyndns."/>
External Refresh:	<input type="text" value="10"/>
Local Network Address:	<input type="text" value="192.168.1.0/255.2"/>
NAT mode:	<input type="text" value="yes"/>
Allow RTP Reinvite:	<input type="text"/>

- **Extern IP** Replace with your external IP address this your public IP or domain
- **Extern Host** Replace with your external IP address this your public IP or domain
- **Extern Refresh** Set time for fresh, default 10
- **Local Network Address** Replace with your local network address and mask
- **NAT mode** If your IPPBX behind the Router, set default yes

## 5. If your settings are accomplished, now you can try to register one extension.

We try our phone and soft phone eyebeam.

1) If your phone is behind the router, and you must open the NAT for your extension.

Usually we open it.

Like:

Extension Configuration

Extension Number:

Search

Show All

Extensions:

801 -- 801

802 -- 802

803 -- 803

804 -- 804

805 -- 805

806 -- 806

807 -- 807

808 -- 808

810 -- 810

811 -- 811

812 -- 812

813 -- 813

814 -- 814

815 -- 815

816 -- 816

817 -- 817

818 -- 818

819 -- 819

820 -- 820

821 -- 821

822 -- 822

823 -- 823

824 -- 824

825 -- 825

826 -- 826

827 -- 827

828 -- 828

829 -- 829

830 -- 830

New

Delete

Extensions Settings:

Extension:

801

Name:

801

Password:

1234

Caller ID:

801

Outbound CID:

VM Password:

1234

E-mail:

Analog Phone:

No Analog lines detected.

Dial Plan:

Default

Advanced Options:

☒ Voicemail

☐ Can Reinvite

☒ SIP

☒ IAX2

☐ T.38 Fax

☒ Agent

☒ NAT

Pickup Group 0

☐ Delete VMail

DTMF Mode RFC2833

☐ Video Call

Permit IP

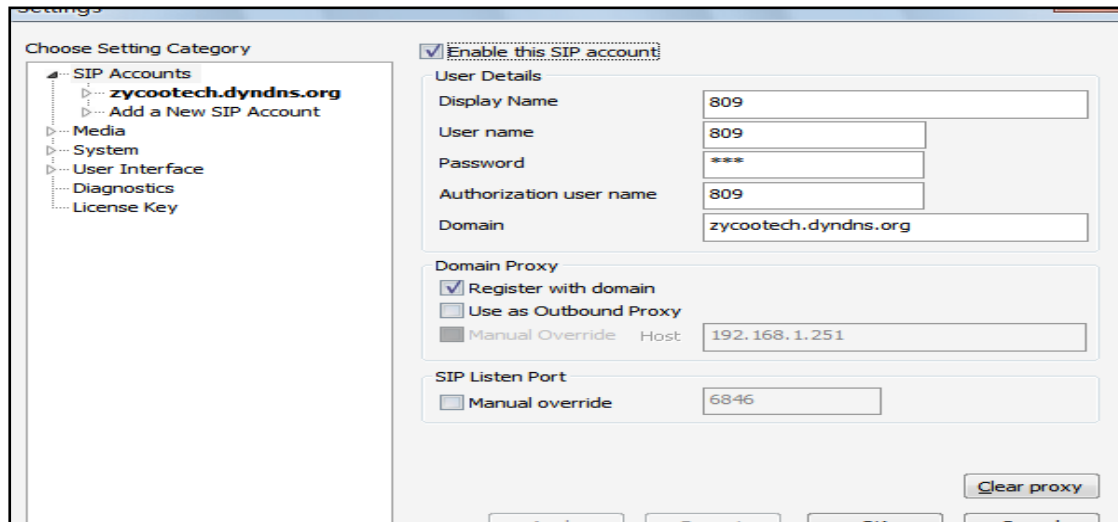
Codecs Configure:

Allow: alaw,ulaw,g729

Save

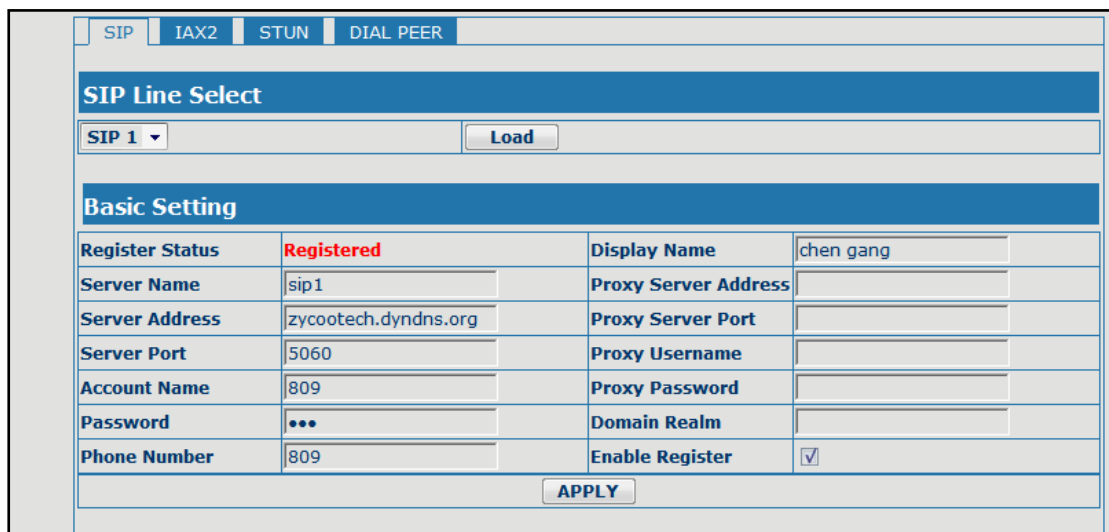
Cancel

Then we begin to register the soft phone.




It is registered.

Now try our own IP phone.



Basic Setting			
Register Status	Registered	Display Name	chen gang
Server Name	sip1	Proxy Server Address	
Server Address	zycootech.dyndns.org	Proxy Server Port	
Server Port	5060	Proxy Username	
Account Name	809	Proxy Password	
Password	●●●	Domain Realm	
Phone Number	809	Enable Register	<input checked="" type="checkbox"/>

It is registered.

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