

# H.323/SIP Internet Telephony Gateway

**VIP - 2 / 4 / 8 / 16 / 24 Series  
Quick Configuration**



This installation guide introduces VoIP gateway configuration examples of the VIP-480FO and co-work the VIP-000 for establish the voice communications.

- The VIP-000 want to make a PSTN phone call, press the "100 ~ 103" key to switch to PSTN mode.

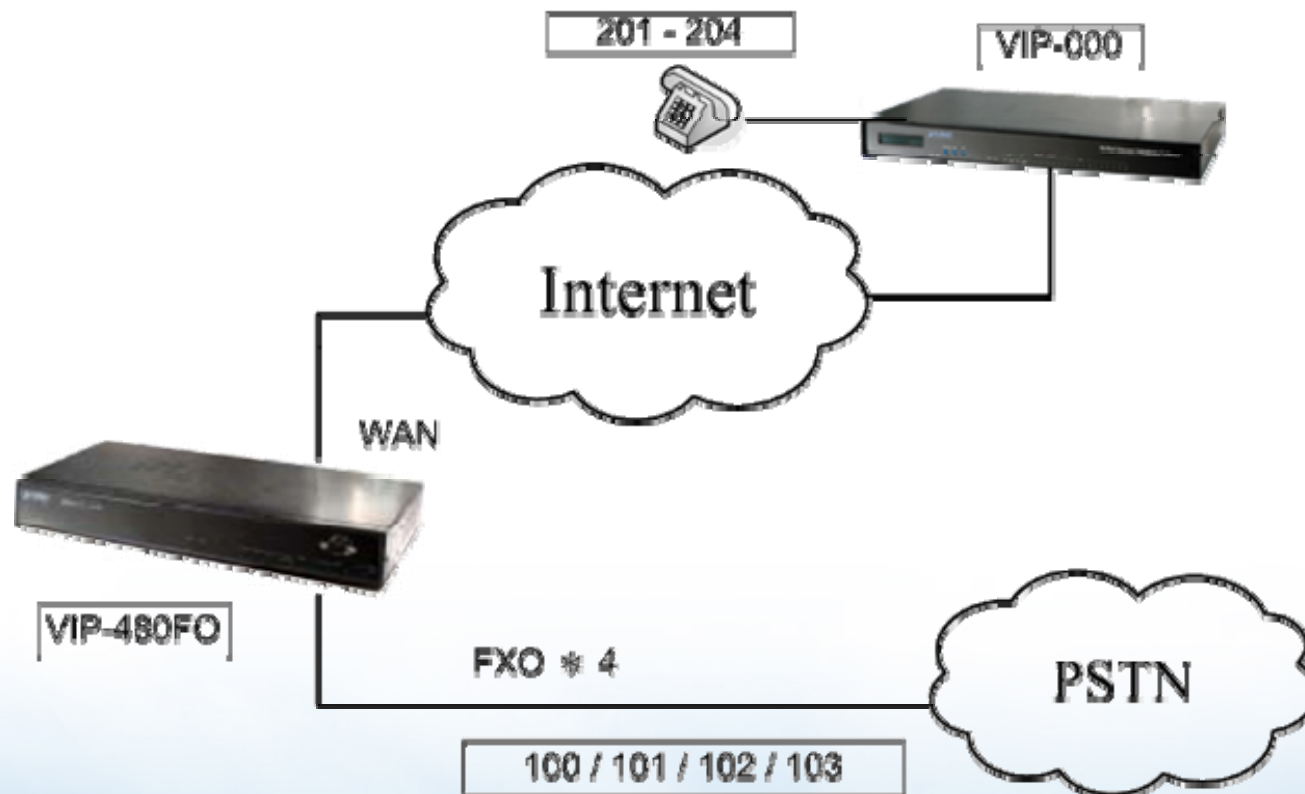
- When remote call PSTN number to VIP-480FO Port 1, 2, FXO automatic start the Hot line dialing to VIP-000 .

- When call PSTN number to VIP-480FO Port 3, 4, user can manual dialing number when hear that dial tone.



## VoIP Gateway Quick Configuration

This picture illustrates basic installation topology of gateway and IP phone for P2P mode.



## Configure System Setting

- ▶ IP Settings
- ▶ H.323 Parameters
- ▶ Channel Parameters
- ▶ Voice Coder Type
- ▶ Network Connection
  - └ DHCP Settings
  - └ PPPoE Settings
  - └ DDNS Settings

1

Select the [ **Configure System Setting > PPPoE Setting** ] of **Gateway** to set up the WAN interface for the gateway.

- ◆ PPPoE :
- ◆ User Name :
- ◆ Password :
- ◆ Service Name :

2

Setup the WAN interface of **VIP-000** follow the information of IP that provides by ISP  
PPPoE : **enable**  
User Name : **test@streamyx**  
Password : **abc123**  
Service Name: **streamyx**

Configure System Setting

- ▶ IP Settings
- ▶ H.323 Parameters
- ▶ Channel Parameters
- ▶ Voice Coder Type
- ▶ Network Connection
  - └ DHCP Settings
  - └ PPPoE Settings
  - └ DDNS Settings

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Select the [ **Configure System Setting > DDNS Setting** ] of **Gateway** to set up the Dynamic Domain for the gateway.

- Dyn-DNS :
- Server Name :
- Host Name :
- User Name :
- Set User Password :

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Setup the dynamic domain of **VIP-000** follow the information of domain name that provides by dyndns.org

Dyn-DNS : **edyndns**

Server Name : **test@streamyx**

Host Name : **abc123**

Service Name: **streamyx**

Dial Plan Settings

► Dial Settings

Add ▼

Remote\_Host\_Name ▼

Select

Select the [ Dial Plan Settings > Remote\_Host\_Name ] of Gateway to add remote host name for the gateway.

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Add the remote gateway of **VIP-000**  
 Destination ID : **9**  
 Host Name : **t3r6apkangar0013.dyndns.org**  
 Port: **1720**

Destination ID:

IP Address:  or

Host Name:

Port:

If both IP Address and Host Name are defined, only IP Address will be recognized.

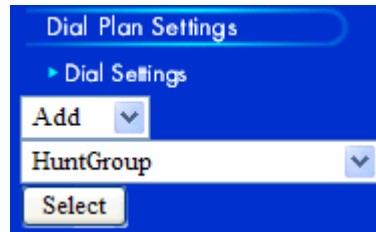
Company/Location:

Complete Clear All Changes

6

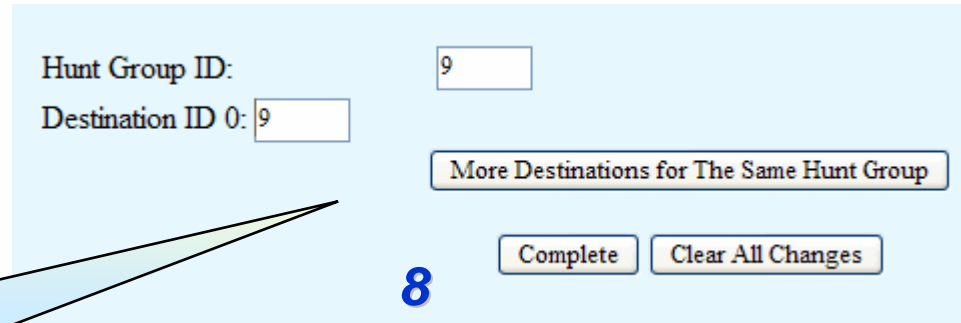
Destination ID	Mode	Destination	Company/Location
1	Local	PORT = 0	
2	Local	PORT = 1	
3	Local	PORT = 2	
4	Local	PORT = 3	
9	DNS	Dest = t3r6mskangar0013.dyndns.org	

Select the [ **Dial Plan Settings > HuntGroup** ] of Gateway to add huntgroup for remote host.



Dial Plan Settings  
 ▸ Dial Settings  
 Add ▾  
 HuntGroup ▾  
 Select

7



Hunt Group ID:   
 Destination ID 0:   
 More Destinations for The Same Hunt Group  
 Complete Clear All Changes

8

Add the hunt group of **VIP-000**  
 Hunt Group ID : **9**  
 Destination ID 0: **9**

Hunt Group ID	Hunt Type	# of Dest ID(s)	Dest. ID(s)
1	2	1	1
2	2	1	2
3	2	1	3
4	2	1	4
8	2	1	8
9	2	1	9

Dial Plan Settings

► Dial Settings

Add ▼

Telephone ▼

Select

Select the [ Dial Plan Settings > Telephone ] of Gateway to add telephone number for the gateway.

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Phone #	Hunt Group ID	Min. Digits	Max. Digits	Strip	Prefix
10	9	1	3	0	None
201	1	1	3	3	None
202	2	1	3	3	None
203	3	1	3	3	None
204	4	1	3	3	None

Telephone Number 0:

Hunt Group ID:

Min. Digits:

Max. Digits:

Strip Length:

Append Prefix:

**10**

More Entries for The Same Hunt Group

Complete Clear All Changes

Add the Telephone Number of **VIP-000**  
 Telephone Number (): **10**  
 Hunt Group ID : **9**  
 Min. Digits: **1**  
 Max. Digits: **3**  
 Strip Length: **0**  
 Append Prefix: **None.**



- Network Setup
- WAN Setting**
- LAN Setting
- Virtual Server
- Network Filter
- Dynamic DNS/DNS
- Network Management

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Select the [ **Advance>WAN Setting** ] of **Gateway** to set up the WAN interface for the gateway.

WAN Port Type Configuration:

WAN Type S

PPPoE

**Use PPPoE Authentication**

User Name (MAX. 40 characters):

Password (MAX. 40 characters):

Confirm Password:

Get IP Address: 210.66.155.72

Get Default Router: 210.66.155.94

Enter the User Name and Password required by your ISP.

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Setup the WAN interface of **VIP-480FO** follow the information of IP that provides by ISP  
Select **PPPoE**  
WAN Type Setting : **PPPoE**  
User Name : **tma@streamyx**  
Password: **abc123**  
Confirm Password : **abc123**

VoIP Setup

- VoIP Basic
- Dialing Plan
- Advance Setting
- Hot Line Setting
- Port Status

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Select the [Advance->VoIP Basic] of Gateway to set up the Port Number

Use default port number  
VoIP Protocol Setting: **H.323**  
Port 1 **100**  
Port 2 **101**  
Port 3 **102**  
Port 4 **103**

VoIP Protocol Setting: H.323

E.164 Number Setting (MAX 20 digit):

Port 1 E.164 Number	100
Port 2 E.164 Number	101
Port 3 E.164 Number	102
Port 4 E.164 Number	103

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VoIP Setup

- VoIP Basic
- Dialing Plan**
- Advance Setting
- Hot Line Setting
- Port Status

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Select the [Advance->Dialing Plan] of Gateway to add the outgoing dial plan for gateway call to IP phone used.

Outgoing no: **20x**  
 Length of Number: **3 ~ 3**  
 (The Number max/min allowed length you can dial )  
 Destination IP/DNS:  
**t3r6apkangar0002.dyndns.org** (phone IP address )

Main Menu **Reboot** Save Configuration Logout

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Click the [Save Configuration] button to save configuration and [Reboot] System.

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Item	Outgoing no.	Length of Number	Delete Length	Prefix no.	Destination IP/DNS	Operation
1	20x	3 ~ 3	0	None	t3r6apkangar0002.dyndns.org	
2	7	1 ~ 1	1	02	t3r6apkangar0002.dyndns.org	
3	9xx	3 ~ 3	1	None	t3r6apkangar0002.dyndns.org	
	<input type="text"/>	<input type="text"/> ~ <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>ADD</b>

**DELETE** Outbound Dial Plan From  To

VoIP Setup
<b>VoIP Basic</b>
Dialing Plan
Advance Setting
<b>Hot Line Setting</b>
Port Status

15

Select the [Advance->Hot Line Setting] of Gateway to set up the hot line number.

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Hotline Delay	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Hotline Delay Time(Max. 20 sec)	<input type="text" value="3"/> sec
Port 1 number	<input type="text" value="201"/>
Port 2 number	<input type="text" value="202"/>
Port 3 number	<input type="text" value="None"/>
Port 4 number	<input type="text" value="None"/>
<input type="button" value="Apply"/>	

Hot Line Number Setting:

Port 1 number : 201

Port 2 number : 202

When the call come from PSTN to FXO, FXO start the hot line dialing to setting number.

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Click the [Save Configuration] button to save configuration and [Reboot] System.

<a href="#">Main Menu</a>	<a href="#">Reboot</a>	<a href="#">Save Configuration</a>	<a href="#">Logout</a>
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# ACTIVATING IP POWER

