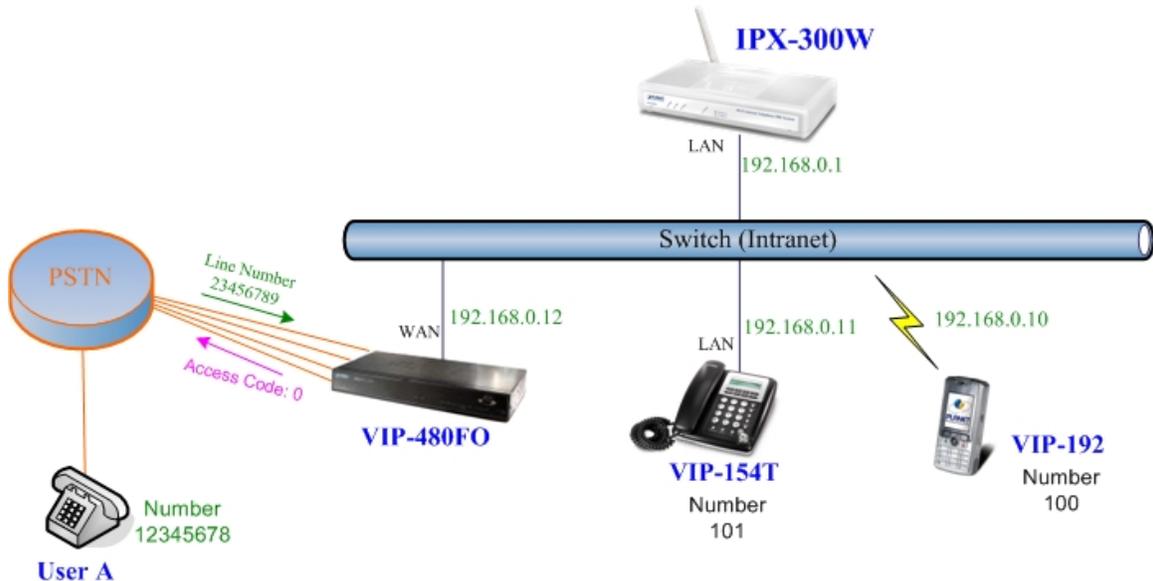


How to use wired (Wireless) Phone to make off-Net calls via Gateway

In the following samples, we'll introduce VIP-154T and VIP-192 makes off-Net Calls (PSTN calls) via VIP-480FO applications.



Installation example with VIP-480FO

➤ Machine Configuration:

STEP 1:

Please refer to the first sample and let VIP-154T and VIP-192 register to IP PBX.

STEP 2:

Please log in IP PBX via web browser and browse to "IP PBX Setup → User Extensions Setup" configuration menu to add four accounts for VIP-480FO using.

• User Extensions Setting

Add New User Extensions

Add

Extensions List **Extension Max is 100**

User Extension	Password	Caller Id	Action
100	123	100	Advance Delete
101	123	101	Advance Delete
200	123	200	Advance Delete
201	123	201	Advance Delete
202	123	202	Advance Delete
203	123	203	Advance Delete

Add accounts for VIP-48FO

STEP 3:

Browse to “**IP PBX Setup → Attendant Extension**” configuration menu. Assign an attendant number which inexistence extension in Extension List and the sample configuration screen is shown below:

• Attendant Extension

Attendant Extension Number 1	<input type="text" value="555"/>
Attendant Extension Number 2	<input type="text"/>
Attendant Extension Number 3	<input type="text"/>
Attendant Extension Number 4	<input type="text"/>
Attendant Extension Number 5	<input type="text"/>
Attendant Extension Number 6	<input type="text"/>
Attendant Extension Number 7	<input type="text"/>
Attendant Extension Number 8	<input type="text"/>
Attendant Extension Number 9	<input type="text"/>
Attendant Extension Number 10	<input type="text"/>

Submit **Reset**

Assign an attendant number

Pressing the “**Submit**” button for activate the configuration.



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STEP 4:

Browse to "IP PBX Setup → Trunk Management → Gateway Trunk" configuration menu. Fill in the IP address of VIP-480FO for connecting with VIP-480FO by peer-to-peer mode, and press the "Insert" button for activate the configuration.

• Gateway Trunk Setting

Add Gateway trunk **Gateway trunk Max is 10**

IP	Port	Action
<input type="text" value="192.168.0.12"/>	<input type="text" value="5060"/>	<input type="button" value="Insert"/> <input type="button" value="Change"/>

Add an Gateway trunk for connecting with VIP-480FO

STEP 5:

Browse to "IP PBX Setup → Trunk Management → Trunk Group" configuration menu. Add a Trunk Group for making off-Net calls via VIP-480FO.

• Trunk Group Setting

Add New Grop Name

Group Name List **Trunk Group Max is 10**

Group Name	Group Number	Number	Action
VIP-480FO	0	192.168.0.12:5060	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Add Trunk Group number for grabbing the FXO ports of VIP-480FO

STEP 6:

Please log in VIP-480FO via web browser and browse to "Advance Setup → VoIP Setup → VoIP Basic" configuration menu. Insert the account/password information and set up the hunting function. The sample configuration screen is shown below:

Port Number / Password Setting(MAX 20 digit) :

No.	Number	Reg	Account	Password	Register Status	Reason
1	<input type="text" value="200"/>	<input checked="" type="checkbox"/>	<input type="text" value="200"/>	<input type="text" value="..."/>	Success	OK
2	<input type="text" value="201"/>	<input checked="" type="checkbox"/>	<input type="text" value="201"/>	<input type="text" value="..."/>	Success	OK
3	<input type="text" value="202"/>	<input checked="" type="checkbox"/>	<input type="text" value="202"/>	<input type="text" value="..."/>	Success	OK
4	<input type="text" value="203"/>	<input checked="" type="checkbox"/>	<input type="text" value="203"/>	<input type="text" value="..."/>	Success	OK



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Set up the number of FXO ports of VIP-480FO

SIP Hunting Table :

No.	Hunting Member
1	<input type="checkbox"/> Port 1 <input checked="" type="checkbox"/> Port 2 <input checked="" type="checkbox"/> Port 3 <input checked="" type="checkbox"/> Port 4
2	<input checked="" type="checkbox"/> Port 1 <input type="checkbox"/> Port 2 <input checked="" type="checkbox"/> Port 3 <input checked="" type="checkbox"/> Port 4
3	<input checked="" type="checkbox"/> Port 1 <input checked="" type="checkbox"/> Port 2 <input type="checkbox"/> Port 3 <input checked="" type="checkbox"/> Port 4
4	<input checked="" type="checkbox"/> Port 1 <input checked="" type="checkbox"/> Port 2 <input checked="" type="checkbox"/> Port 3 <input type="checkbox"/> Port 4

Set up the Hunting Member of FXO ports

SIP Proxy Setting :

Domain/Realm	192.168.0.1
SIP Proxy Server	192.168.0.1/5060 <input type="checkbox"/> use net2phone
Register Interval(seconds)	900
SIP Authentication	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Outbound Proxy Server	0.0.0.0

Set up the Proxy Server IP address for register to IPX-300W

STEP 7:

Browse to “**Dialing Plan**” configuration menu. Add an Incoming Dial Plan (no.1x) for redirect the PSTN outgoing calls to FXO ports.

Incoming Dial Plan: (maximun 50 entries, maximun length of prefix digits is 16 digit, maximun length of number is 20 digit):

Item	Incoming no.	Length of Number	Delete Length	Prefix no.	Destination telephone port	Operation
1	1x	2 ~ 20	0	None	1	
	<input type="text"/>	<input type="text"/> ~ <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	ADD
DELETE Inbound Dial Plan		From <input type="text"/> To <input type="text"/>				

Add an incoming dial plan



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STEP 8:

Browse to “**Port Status**” configuration menu. Fill in the auto attendant number **555** to all of ports.
(Where 555 is the auto-attendant number of IP PBX)

Hot Line Number Setting (Hotline Setting)

Hotline Delay	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Hotline Delay Time(Max. 20 sec)	3 sec
Port 1 number	555
Port 2 number	555
Port 3 number	555
Port 4 number	555

Apply

Hot Line to auto-attendant of IPX-300W

STEP 9:

After all of devices have registered to IP PBX successfully, the **Extension Status** page will show the registration status:

• Extension Status

Register OK! Talk on the Telephone! Register Unknown!

Num	Status	Num	Status	Num	Status
203	<input checked="" type="checkbox"/>	202	<input checked="" type="checkbox"/>	201	<input checked="" type="checkbox"/>
200	<input checked="" type="checkbox"/>	101	<input checked="" type="checkbox"/>	100	<input checked="" type="checkbox"/>

Extension status page with Phone and Gateway registered

➤ **Test the Scenario:**

1. VIP-154T pick up the telephone
2. Dial the number: 0 will hear the dial tone, and dial the number: 12345678. This call will hunt the FXO port of VIP-480FO and shall be able connect to the User A.
3. Then the telephone of User A will ringing, User A can pick up the handset and talk with VIP-154T.
4. Both VIP-154T and User A hang up the calls.

5. User A pick up the telephone and dial the number: 23456789 should be able to connect to the Auto Attendant System of IP PBX.
6. The User A will hear the prompts, and dial the extension number: 100 shall be able connect to the VIP-192.
7. Then the VIP-192 should ringing, and it to pick up the call then talk with User A.



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