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Yeastar Technology Co., Ltd



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1. Introduction

MyPBX — IPPBX for Small Office and Home Office

1.1 Features

 IVR(Automated Attendant) 	Call Transfer
Auto Provision	Call Waiting
• Blind Transfer	• Caller ID
 Call Detail Records(CDR) 	 Do Not Disturb(DND)
Call Forward	Music On Hold
Call Parking	Ring Group
Call Pickup	Route by Caller ID
Call Recording	 Three-way Calling
Call Routing	 MRI(MyPBX Recording Interface)
 Paging and Intercom 	Blacklist
• DISA	

1.2 Hardware Specification

1.2.1 Exterior Appearance

1) Front Side





Figure 1-1 MyPBX Front Panel Picture

No.	Identifying
1	Green Light: Indicates the power connection is normal.
2	Green Light: Indicates the server system is in working order
3	Green Light: Indicates the system is ready.
(4)	Green Light: Indicates the internet interface is in use
5	Red Light: stands for FXO port
	Green Light: stands for FXS port
	LED Dual - Red blink: FXO port isn't connecting PSTN line.
	LED Dual - Red and Green blink: FXO port receive an incoming call.
	LED Dual - Red and Green fast blink: FXO port is in talking.
	LED Dual - Green and Red blink: FXS port is ringing.
	LED Dual - Green and Red blink: FXS port is in talking.

2) Back Side



Figure 1-2 MyPBX Back Side Picture



1.3 Package Contents

- ▲ 1 unit of MyPBX-SOHO server
- ▲ 1 power supply
- ▲ 1 Internet line
- ▲ Few telephone cables [RJ-11]

Note: If any of the above items is damaged or missing, contact your reseller.



2. System set up

2.1 Connection Drawing



2.2 Connecting Ethernet Line

MyPBX provides one 10/100M Ethernet ports with RJ45 interface and LED. Besides transporting voice, Ethernet port can also send information of



managing, maintaining and operating.

Plug Ethernet line into MyPBX's Ethernet port, and then connect the other head of Ethernet line with hub, switch, router, LAN or WAN. Check the status of LED after connection, yellow light indicates port is in connecting process, green light indicates the port is in working.

2.3 Connecting Power

MyPBX utilizes the high-performance switch power, which supply the enough voltage and electrical energy that required by MyPBX system. AC Input: 100~240V DC Output: 12V,5A

Note: Prior to connect power, it's better to use the three-phrase power outlet of neutral-point joint or multi-function computer power outlet.

Please follow the below steps to connect power socket:

- 1. Push the switch on 'OFF' on power outlet.
- 2. Connect one head of the accessory power cable with the power input port on MyPBX's back panel, and plug the other head of power cable into 220V power socket.
- 3. Push the switch on 'ON' on power outlet.
- 4. After wired up power, please check the Power LED on front panel whether it lighted or not. Lighted LED indicates the correct operation of power; if unlighted, please repeat the step 1 to 3 again.



3. Manage MyPBX

3.1 Manager Log in

Double click icon to open the IE browser, and input the IP address of MyPBX server.

If user is first time to configure MyPBX by web, please use the MyPBX default IP address to log in: http://192.168.5.150

The default Username is admin and password is password.



Figure 3-1



3.2 Status Monitor

3.2.1 Line Status

🗿 MyPBX - Embedded Hyb	rid IPPBX for Small Busin	esses - Microsoft Inte	rnet Explorer				_ 7 🗙
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp						
😮 Back 🔹 🔊 🕤 📓 🐔 🔎 Search 📌 Favorites 🤣 🍰 😓 🦓							
Address 🍓 http://192.168.5.136/static/config/index.html							
MyPBX	Embedded Hybrid I	P-PBX for Small B	usinesses				Logout
Status Monitor 🔹	🕨 Line Status 🕸						
Line Status		Free	🧼 Busy	Extensions	🗳 Ringing		
Extensions							
<u>Trunks</u> Outbound Routes	2 500(SIP) <u> </u>	SIP)	<u> 502(SIP)</u>	303(SIP)	2014(SIP)	=
	305 (SIP)	→ <u>506(</u> \$	SIP)	307 (SIP)	508(SIP)	3 509(SIP)	
	2 510(SIP)) <u> </u>	SIP)	<u>512(SIP)</u>	513(SIP) 513(S	2 514(SIP)	
IVR Prompts Ring Groups	3 515(SIP)	a 516(S	SIP)	37 517(SIP)	518(SIP)	3 519(SIP)	
Inbound Routes	2 520(SIP)		SIP)	<u>522(SIP)</u>	2 523(SIP)	2 524(SIP)	
	37 525(SIP)) <u> </u>	SIP)	37 527(SIP)	37 528(SIP)	3 529(SIP)	
Other Settings (*) DISA	2 530(SIP	a 531(S	SIP)	32(SIP)	🧼 <u>601(</u> FXS)	🧼 <u>602(</u> FXS)	
<u>Conferencing</u>							
Time Conditions				Trunks			
Paging and Intercom	Status	Trunk Name	Туре	Username	Port/Hostname/IP		
	Registered	<u>6096</u>	SIP	6096	192.168.5.99		
System Settings 🔕		pstn1	FXO		Port 3		
Music On Hold Promots		pstn2	FXU		Port 4		
SIP Settinas							~
ê						🥑 Internet	

Figure 3-2

MyPBX Status Description:

Extensions:

- 1) *: extension is unregistered
- 2) \sim : extension is idle
- 3) *****: extension is ringing
- 4) $\overline{\mathbf{v}}$: extension is busy in a call

Trunks:

SIP Trunk:

- 1) Unregistered trunk registration failed.
- 2) Registered succeed registration, trunk is ready to use.
- 3) Request Send Registering.



4) Waiting — Waiting for Authentication.

FXO Trunk:

FXO: please refer to the LED identifying of front panel.

3.3 Basic

3.3.1 Extension

Extension has two types: normal desk extension (FXS) and VOIP extension.

🗿 MyPBX - Embedded Hyb	rid IPPBX fo	or Small Businesses -	Microsoft Internet Explore	r		_ 7 🗙		
Elle Edit View Fgvorites Iools Help 🧗								
😋 Back 🝷 🕥 🗧 😰 🏠 🔎 Search 🤺 Favorites 🤣 🍰 🔜 🦓								
Address 🕘 http://192.168.5.13	6/static/config,	/index.html			💌 🄁 Go	Links »		
MyPBX Embedded Hybrid IP-PBX for Small Businesses								
Status Monitor 🔹	Extens	ions 🗘						
Line Status				List Of Extensions	6			
	FXS Ex	tensions						
Basic 🏾 🔊	Port	Extension	Full Name	Caller ID				
Extensions	1	601	601	601	🔊 Edit 😕 Delete			
Outbound Routes	2	602	602	602	🔊 Edit 😕 Delete	-		
		aneione				-		
Inbound Call Control 🙁		ensions en ensions	a					
<u>IVR</u>	+ Cre	ate New Extension	PBulk Add Extensions	dity Selected Extensions	Collete Selected Extensions			
Ring Groups		Extension	Full Name	Caller ID				
Inbound Routes		500	500	500	🔊 Edit 😕 Delete			
BlackList		501	501	501	🔊 Edit 😕 Delete			
		502	502	502	🕅 Edit 😕 Delete			
Other Settings		503	503	503	N Edit X Delete			
Conferencing		504	504	504	N Edit X Delete			
Time Conditions		505	505	505	N Edit X Delete			
Feature Codes		506	506	506	Sedit Selete			
Paging and Intercom		505	500	500	Delete			
System Settings		507	507	507				
Options		508	508	508	Delete			
Music On Hold Prompts		509	509	509	M Edit Z Delete			
SIP Settinas		510	510	510	划 Edit 😕 Delete	~		
ど Done					🥑 Internet			

Figure 3-3

3.3.1.1 Normal Desk Phone (FXS) Extension

Edit Normal Desk Phone Extension

On the administration page of FXS extensions, click 'Edit' on the extension that you want to edit, and modify the following information on prompt window: 1) General

Extension

The numbered extension, i.e. 1234, that will be associated with this particular User / Phone.

Name

A character-based name for this user, i.e. 'Bob Jones'

·Caller ID



The Caller ID (CID) string would be used when this user calls another internal user.

2) Voice Mail

·Voice Mail Access PIN Code

Voicemail Password for this user, Ex: '1234'.

Send Voice Mail to Email Address

This option defines whether or not voicemails are sent to the Email Address as attachments. Note: You need to have an smtp server configured for this functionality.

3) Flash

rxflash

sets the amount of time, in milliseconds, that must have passed since the last hook-flash event received by MyPBX before it will recognize a second event. If a second event occurs in less time than defined for Flash, then MyPBX will ignore the event. The default value of Flash is 1000 ms, and it can be configured in 1ms increments.

4) Group

·Pickup Group

If a phone belongs in a pickup group that matches one of the call's pickup groups, that phone may pickup the incoming call by calling *4 on his phone(*4 is default setting, it can be changed in page Feature Codes -> General -> Call Pickup).

5) Follow me

The mode of call forwarding when there's incoming call on this extension. Admin can set up the call forwarding type for this extension.

6) Other Options

.Call Waiting

Check this option if the User or Phone should have Call-Waiting capability. If this option is checked, busy transfer will not be available.

.hasmanager

Check this option if allow user to access MRI (MyPBX Recording Interface: Check Voice Mail). Users may access MRI by using extension number as username and voicemail secret as password.



Communication - U	01			
General —			Durb Id	
Extension	•: 601		Port: 1	
Name	0:601	С	aller ID 🛈 : 601	
- Voice Mail -				
Voice Mail Acc	ess PIN Code 🛈 :	601		
Send Void	e Mail To Email Ac	ldress 🛈 :		
Note:If you w	ant to send voice r	mail to email,please defir	e VoiceMail Settings from the 'VoiceM	ail
Settings ¹ pane	d.			
Flash				
rxflash 🛈 : 1	000 ms			
- Group				
Pickun Groun	🛈 : 🔽			
- Follow me -				
Fellow mov	L Always		Voice Mail	
Follow me:	Mo answer	Transfer to:	O _{Number}	
	When Busy			
Other Option	I			
🗹 Call Waiti	ng 🛈	🔽 hasmanager 🛈		
		- 🖉 Covo 🛛 😏 Cov		

Figure 3-4

3.3.1.2 VOIP Extension

SIP extension is an SIP Account allows your IP Phone or Soft IP Phone register to the MyPBX.

1. Add SIP Extension

Go to Extensions \rightarrow SIP Extensions \rightarrow Create New Extension

1) General

Extension

The numbered extension, i.e. 1234, that will be associated with this particular User / Phone.

Password

The password for the user's sip account , Ex: '12t3f6'

Name

A character-based name for this user, i.e. 'Bob Jones'

·Caller ID

The Caller ID (CID) string would be used when this user calls another internal user.

2) Voice Mail



·Voice Mail Access PIN Code

Voicemail Password for this user, Ex: '1234'.

Send Voice Mail to Email Address

This option defines whether or not voicemails are sent to the Email Address as attachments. Note: You need to have an smtp server configured for this functionality.

3) VoIP Setting

·NAT

Try this setting when MyPBX is on a public IP, communicating with devices hidden behind a NAT device (broadband router). If you have one-way audio problems, you usually have problems with your NAT configuration or your firewall's support of SIP+RTP ports.

•DTMF Mode - RFC2833, Info, Inband, Auto

4) Group

·Pickup Group

If a phone belongs in a pickup group that matches one of the call's pickup groups, that phone may pickup the incoming call by calling *4 on his phone(*4 is default setting, it can be changed in page Feature Codes>General>Call Pickup).

5) Follow me

The mode of call forwarding when there's incoming call on this extension. Admin can set up the call forwarding type for this extension.

6) Other Options

.Call Waiting

Check this option if the User or Phone should have Call-Waiting capability. If this option is checked, busy transfer will not be available.

.hasmanager

Check this option if allow user to access MRI (MyPBX Recording Interface: Check Voice Mail).Users may access MRI by using extension number and extension password.



te New SIP E	xtension		
General —			
Extension 🤇	D: 533	Passw	vord 🛈 : 533
Name 🤇	D : 533	Calle	r ID 🛈 : 533
Voice Mail -			
Voice Mail Ac	tess PIN Code 🛈 : 🗄	533	
Send Void	re Mail To Email Ado	tress 🛈 :	
Note:If you w	ant to send voice m	ail to email please defin	e VoiceMail Settings from the 'VoiceMail
Settings' pane	el.		
· VoIP Setting	s		
NAT 🛈 · 🥅		FC2833 🔻	
Group			
Pickup Group			
Follow me			
	🗖 Always		Voice Mail
Follow me:	🔽 No answer	Transfer to:	
	🔽 When Busy		Number
Other Option) ————		
Call Waiti	ng 🛈	🔽 hasmanager 🛈	
	-		
		Save 😪 Car	acel

Figure 3-5

2. Bulk add SIP Extensions

Go to Extensions \rightarrow SIP Extensions \rightarrow Bulk add Extensions

- 1) Choose the extension quantity you want to create
- 2) The initiative extension number when starting

×

Figure 3-6

3. Edit SIP Extension

Click 'Edit' on SIP Extension administration page or click 'Modify Selected Extensions' to edit.



3.3.2 Trunk

🖻 MyPBX - Embedded Hybrid IPPBX for Small Businesses - Microsoft Internet Explorer 📃 💌 🔀						
Elle Edit View Fayvorites Iools Help 🦉						
🚱 Back 🝷 🕥 🕤 🔀	😋 Back 🝷 🛞 📲 🛃 🏠 🔎 Search 👷 Favorites 🤣 🎯 - 🌺 🔜 🦓					
Address 🕘 http://192.168.5.13	36/static/config/index.html				💌 🄁 Go	Links »
MyPBX	MyPBX Embedded Hybrid IP-PBX for Small Businesses					
Status Monitor	🕨 Manage trunks 🕸					_
Line Status			List	Of Trunks		
	PSTN Trunk					
Basic 🙁	Trunk Nome		Analog Dorto			
Extensions	in at a 1		Analog Forts		N Calif. M Delate	
<u>Trunks</u>	pstni		3		P Edit Delete	=
Outbound Routes	pstn2		4		N Edit Delete	
Inhound Call Control	SIP Trunk					
IVR	New SIP Trunk					
IVR Prompts		-				
Ring Groups	Provider Name	Type	Hostname/IP	Username		
Inbound Routes	6096	SIP	192.168.5.99	6096	🔊 Edit 🗴 Delete	
<u>BlackList</u>						
Other Settings						
<u>DISA</u> Conferencing						
Time Conditions						
Feature Codes						
Paging and Intercom						
System Settings 🙁						
<u>Options</u>						
Music On Hold Prompts						~
Dope					Toteroot	<u> </u>
Cone Cone					Turemer 🕈	

Trunk have two types: PSTN Trunk(FXO) and SIP Trunk.

Figure 3-7

3.3.2.1 PSTN (FXO) Trunk

1. Edit PSTN (FXO) Trunk

On PSTN Trunk administration page, click 'Edit' on selected trunk and modify information on prompt window:

1) General

•Trunk Name

A unique label to help you identify this trunk when listed in outbound rules, incoming rules etc. Ex: 'Port 5'

Audio Setting

Normally you should not have to adjust your analog ports beyond the initial calibration. Should you still need to fine tune your audio settings, please use the adjustments.

2) Advanced Options

Busy Detection

Busy Detection is used to detect far end hangup or for detecting busy signal. Enable to turn this feature on.

Busy Count

If Busy Detection is enabled, it is also possible to specify how many busy tones to wait for before hanging up. The default is 4, but better results can be



achieved if set to 6 or even 8. Mind that the higher the number, the more time that will be needed to hangup a channel, but lowers the probability that you will get random hangups.

Busy Pattern

If Busy Detection is enabled, it is also possible to specify the cadence of your busy signal. In many countries, it is 500msec on, 500msec off. Without Busy Pattern specified, MyPBX will accept any regular sound-silence pattern that repeats <Busy Count> times as a busy signal. If you specify Busy Pattern, then MyPBX will further check the length of the sound (tone) and silence, which will further reduce the chance of a false positive.

·Caller ID Start

This options allows one to define the start of a Caller ID signal: Ring, to start when a ring is received (Caller ID Signaling: Bell_USA, DTMF). Polarity, to start when a polarity reversal is started (Caller ID Signalling: V23_UK,V23_JP,DTMF).

Before Ring, to start before a ring is received (Caller ID Signaling: DTMF).

·Caller ID Signaling

This option defines the type of Caller ID signaling to use: bell (bell202 as used in the United States), v23_UK (as used in the UK), v23_JP (as used in Japan), or dtmf (as used in Denmark, Sweden, and Holland).

Edit PSTN Trunk:Port3		×
	Trunk Name 🛈 : pstn1	
	Audio Setting 🛈 : Soft 💽	
Advanced Options		
Busy Detection 🛈 :	Yes 💌 Busy Count 🛈 : 4	
Busy Pattern 🛈 :	Caller ID Start 🛈 : 🛛 🕅 💌	
Caller ID Signalling 🛈 :	Bell - USA 💌	
	Save X Cancel	

Figure 3-8

3.3.2.2 SIP Trunk

1. Add SIP Trunk

User must input correct SIP detailed information (that provided by VOIP provider), otherwise, SIP trunk can't work normally.

Provider Name

A unique label to help you identify this trunk when listed in outbound rules, incoming rules etc. Ex: 'yeastar'.

·Hostname/IP



Service provider's hostname or IP address.

5060: standard port number used for SIP protocol, Don't change it if not required.

.Domain

VoIP provider's server domain name.

Username

Username of SIP account. Used for SIP trunk registration.

.Authorization name

Used for SIP authentication. Leave this blank if not required.

Password

Password of SIP account.

Create New SIP Trunk		×
Provider Name :	yeastar	
Hostname/IP :	yeastar.6598.org	: 5060
Domain :	yeastar.6598.org	
Username :	6098	
Authorization name :	6098	
Password :	somepassword	
	Save X Cancel	

Figure 3-9

2. Edit SIP Trunk

Click 'Edit' on SIP trunk administration page to modify SIP trunk information.

3.3.3 Outbound Routes

Outbound routing mainly works for guides outgoing calls to go through trunks.



🚳 MyPBX - Embedded Hyb	rid IPPBX for Small Businesses - Microsoft	Internet Explorer	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp		ala a a a a a a a a a a a a a a a a a a
🕒 Back 🝷 🐑 👻	👔 🏠 🔎 Search 👷 Favorites 🤣	🖉 · 🎍 🖃 🦓	
Address 🙆 http://192.168.5.13	6/static/config/index.html		🖌 🄁 Go 🛛 Links 🎽
MyPBX	Embedded Hybrid IP-PBX for Sma	ll Businesses	
Status Monitor 🔹	▶ Manage Outbound Routes &		
Line Status	+ New Outbound Route	Outbound Routes	
Basic 🛞	Route Name	e Dial pattern	
Extensions	pstnout	9.	🔊 Edit 😕 Delete
<u>Trunks</u>			
Outbound Routes			
Inbound Call Control 🛛 🔕			
<u>IVR</u>			
IVR Prompts Ring Groups			
Inbound Routes			
<u>BlackList</u>			
Other Settings (*)			
DISA			
<u>Conferencing</u>			
Time Conditions			
Feature Codes Paging and Intercom			
r aging and intercom			
System Settings 🏾 🍣			
Options Music On Hold Process			
SIP Settings			✓
E Done	-		Internet

Figure 3-10

3.3.3.1 Create Outbound Route

Click 'Add Outboud Route' and fill in the responding information on prompt window.

1) General

Route Name

Name of this Outbound Route. Ex: 'Local' or 'LongDistance' etc.

·Dial Pattern

In dial patterns, some characters have special meanings:

- X ... Any Digit from 0-9
- Z ... Any Digit from 1-9

N ... Any Digit from 2-9

[12345-9] ... Any Digit in the brackets (in this example, 1,2,3,4,5,6,7,8,9) Wildcard, Matches Anything Remaining; i.e. 9011. Matches anything starting with 9011 (excluding 9011 itself)

! ... Wildcard, causes the matching process to complete as soon as it can unambiguously determine that no other matches are possible.

For example, NXXXXXX would match normal 7 digit dialings, while

1NXXNXXXXX would represent a three digit area code plus phone number, proceeded by a one.

∙Strip



Allows the user to specify the number of digits that will be stripped from the front of the dialing string before the call is placed via the trunk selected in 'Use Trunk' One might; for example, want users to dial 9 before their long distance calls; however one does not dial 9 before those calls are placed onto analog lines and the PSTN, so one should strip 1 digit from the front before the call is placed.

Prepend digits before dialing

Allows the user to specify digits that are prepend before the call is placed via the trunk. If a user's trunk required 10 digit dialing, but users were more comfortable performing 7 digit dialing, this field could be used to prepend a 3 digit area code to all 7 digit strings before they are placed to the trunk. User may also prepend a 'w' character for analog trunks to provide a slight delay before dialing

·Calls From Extensions

Defines the Extension that calls, matching the specified pattern, will be placed through.

·Make Outbound Calls on Trunk

Defines the Trunk that calls, matching the specified pattern, will be placed through.

Edit Outboud Route	×
Route Name 🛈 :	psthout
Dial pattern 🛈 :	9.
Strip 🛈	1 digits from front
Prepend these digits 🛈	before dialing
Calls From Extension(s) 🛈	
Available Extensions	Selected
	>>> 500(SIP) 501(SIP) → 502(SIP) 503(SIP) 504(SIP) ← 505(SIP) 506(SIP) (≪)
Make Outbound Calls On 🛈	
Available Trunks	Selected >>> >> >> >> >> >> >> >> >> >> >> >> >> >> >> >> >> >> >> >> >>
[✓ Save X Cancel

Figure 3-11



3.3.3.2 Delete Outbuond Route

Click 'Delete' on selected trunk to remove the trunk.

3.3.4 Auto Provision

3.3.4.1 Create New Phone

Click 'Create New Phone' and fill in the corresponding information in the popup window.

1) General

·MAC

IP Phone's MAC address.

Name

Name of this Phone.

·Call Waiting

This call feature allows your phone to accept other incoming calls to an extension already in an active call.

·Key As Send

·Line

Extension: Selected the extension number for IP Phone.

Label: It is shown on the LCD for users to identify the account.

Line Active: You can choose on/off to enable/disable the account respectively.

Create New	Phone		X
General Key As	Mac: Send : #	Name: Ca	all Waiting : Enabled 💙
C Line			
🗖 Line1	Extension:	Label:	Line Active: 📕
🗖 Line2	Extension:	Label:	Line Active: 📕
🗖 Line3	Extension:	Label:	Line Active: 📕
Line4	Extension:	Label:	Line Active: 📕
🗖 Line5	Extension:	Label:	Line Active: 📕
🗖 Line6	Extension:	Label:	Line Active: 📕
		🗸 Save 🔀 Cancel	

Figure 3-12



3.4 Inbound Call Control

3.4.1 IVR

When there's an incoming call aims at Auto Attendant, MyPBX will play the IVR and guide the caller to the required extensions (such as 'Welcome to XX company, for sales press 1, for technical support press 2, for operation press 0, or dial ext. number directly. System will transfer the call to corresponding extension according to DTMF).

MyPBX - Embedded Hyb	rid IPPBX for Small Busi	nesses - Micr	rosoft Internet Explorer	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp			
🚱 Back 🝷 🐑 👻	💈 🏠 🔎 Search 🤞	Favorites	🚱 🗟 • 🚔 🚍 🦓	
Address 🙆 http://192.168.5.13	6/static/config/index.html			So Links »
MyPBX	Embedded Hybrid	IP-PBX for	Small Businesses	Logout_
Status Monitor	🕨 Manage IVR 🔅			
Line Status	Create New IVR		IVR	
Basic 🙁	Name	Number	Allow Dialing Other Extensions	
Extensions	welcome	660	Yes	M Edit X Delete
<u>Trunks</u>				
Outbound Routes				
Inbound Call Control 🔗				
<u>IVR</u>				
IVR Prompts				
Ring Groups				
Inbound Routes				
BlackList				
Other Settings 🛛 🔕				
DISA				
Conferencing				
Time Conditions				
Feature Codes				
Faging and intercom				
System Settings 🛛 📚				
Options				
Music On Hold Prompts				
SIP Settinas				
C DONO				

Figure 3-13

3.4.1.1 Auto Attendant

Click 'Create New IVR' as shown on Figure 3-14.

1) General

Number

My PBX treats IVR as an extension; you can dial this number access the IVR.

•Name

A name for the IVR

Prompt

A Prompt file for the IVR

Play Times

The times of the selected IVR prompt file will be played.

WaitExten



Wait for the user to enter a new extension for a specified number of seconds.

·Allow Dialing Other Extensions

Check this option if the user want to dial extensions directly.

2) Key Press Events

Allow key press events will cause the system to listen for DTMF input from the caller and define the actions that occur when a user presses the corresponding digit.

·Time Out

Defines the timeout action. Timeout occurs when no DTMF entry is detected for 3 times after the IVR has finished playing its prompts.

·Invalid

Defines the invalid action. The invalid action is triggered if the user enters a DTMF that is not otherwise defined for the IVR.

New IVR				×
Number 🛈 : 660				
Name 🛈 : 🛛 welcome				
Prompt 🛈 : 🛛 default 💌	Custom IVR Prompts			
Play times 🛈 : 🔳 💌				
WaitExten 🛈 : 🗊 🔽				
🔽 🛈 Allow Dialing	g Other Extensions			
🔽 🛈 KeyPress Events —				
Кеу	Action		Destination	
0	Connect to Extension	•	User Extension 500 💌	
1	Connect to Extension	•	User Extension 501	
2	Connect to RingGroup	•	RingGroup ringgroup_defa	
з	No Action	•		
4	No Action	•		
5	No Action	T		
6	No Action	•	_	
7	No Action	•	V	
8	No Action	•	V	
9	No Action	•	V	
#	No Action	•		
*	No Action	•		
TimeOut 🛈	Connect to Extension	•	User Extension 500	
Invalid 🛈	Hangup	•	V	
	🗸 Save	🗙 Cancel		

Figure 3-14



3.4.1.2 Delete IVR

Select the item you'd like to remove and click 'Delete' key.

3.4.2 IVR Prompts

Admin can record the IVR by himself according to his own requires:

1) Click 'Record New IVR Prompt'

2) Input File Name on prompt windows and choose an extension for recording such as 500.

3) Click 'Record', selected extension will ring and you can pick up the phone to start recording

Record New IVR Prompt	×
File Name: welcome	
Dial this Extension: 500 💌 to record a new voice prompt	
Record X Cancel	



Admin can also upload IVR prompts:

1) Click 'Upload a IVR Prompt'.

2) Click 'Browse' to choose the IVR Prompt.

3) Click 'Upload' to upload the selected Prompt.

Upload IVR Prompt	
WAV format:GSM 6.10 8.000 kHz, Mono, 1kt)/sec
Choose file to Upload 🛈 : D:\Yeastar\test.gsm	Browse
Upload X Cancel	

Figure 3-16



3.4.3 Ring Groups

🗿 MyPBX - Embedded Hyb	rid IPPBX for Sma	ll Businesses - Microsoft	Internet Explorer	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp			25
🚱 Back 🝷 💿 🕤 💌	🗟 🏠 🔎 Sea	rch 🤶 Favorites 🥝	🗟 • 💺 🔜 🦓	
Address 🙆 http://192.168.5.13	86/static/config/index.ht	ml		🔽 🏹 Go 🛛 Links 🎽
MyPBX	Embedded Hy	vbrid IP-PBX for Smal	ll Businesses	Logout
Status Monitor 🔹	🕨 Manage Ring	Groups ゆ		
Line Status	+ New Ring (Group	Manage Ring Groups	
Basic 🙁	Number	Name	Members	
Extensions	620	ringgroup_default	501(SIP), 502(SIP), 503(SIP), 504(SIP), 505(SIP)	🔊 Edit 🗴 Delete
Trunks				
Outbound Routes				
Inbound Call Control ⊗				
<u>IVR</u>				
IVR Prompts				
Ring Groups				
Inbound Routes Blook int				
DIALKLISI				
Other Settings 🛛 🙁				
DISA				
Conferencing				
Time Conditions				
Paging and Intercom				
System Settings 🔹 🍭				
Options				
Music On Hold Prompts				~
E Done				Internet

Figure 3-17

3.4.3.1 Create Ring Group

Click 'New Ring Group' to enter into the page

1) General

·Ring Group Name

This option defines a name for this Group, i.e. 'Sales'. 'Ring Group Name' is a label to help you see this group in the group list.

•Number for this ring group

This option defines the numbered extension that may be dialed to reach this Group.

Strategy

This option sets the Ringing Strategy for this Group. The options are

1. Ring All: Ring All available Extensions simultaneously until one answers.

2. Ring in order: Take turns ringing each available Extension

•Time Out / Seconds to ring each member

1) Seconds to ring each member

How many seconds an Extension's phone will ring before MyPBX tries to ring the next Extension.

2) Time out

How many seconds the Extension's phone will ring.

•Ring Group Members

This selection shows all Users. Checking a User here makes them a member of



the current Group.

•Destination If No Answer

When all people on this group are failed to answer the call, system will handle in this way.

Note: Welcome music of this group can be changed on System Settings \rightarrow Options \rightarrow Music On Hold

Edit Ring Group - ringgroup_default		х
Ring Group Name	ringgroup default	
Number for this ring group ${f 0}$	620	
Strategy	Ring all simultaneously 💌	
Time Out 🛈	: 60	
Ring Group members 🛈		
Available Extensions	Selected	
500(SIP) 506(SIP) 507(SIP) 508(SIP) 508(SIP) 509(SIP) 510(SIP) 511(SIP) 512(SIP) ✓	>>> 501(SIP) 502(SIP) ⇒ 503(SIP) 504(SIP) 505(SIP) ←	
Destination If No Answer		
	End Call	
C	Extension User Extension 500	
G	VoiceMail VoiceMail 500	
Destination:	ŨIVR welcome ✓	
C	RingGroup RingGroup ringgroup_deft 💙	
ſ	Conference Room Conference Room 640 💌	
√ S:	ave Cancel	

Figure 3-18

3.4.3.2 Delete Ring Group

Select the item you'd like to remove and click 'Delete' key.

3.4.4 Inbound Routes

Inbound routing mainly works for guides incoming calls to reach destination extension within the business hours or out of working hours.



MvPBX - Embedded Hvb	rid IPPBX for Small Businesses - Microsoft Internet Explorer		
File Edit View Favorites	Tools Help		
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Address 🕘 http://192.168.5.13	6/static/config/index.html		🖌 🋃 Go 🛛 Links 🂙
MyPBX	Embedded Hybrid IP-PBX for Small Businesses		Logout
Status Monitor 🔹	Manage Inbound Routes 🌣		
Line Status	New Inbound Route Manage Inbound Routes		
Basic 🔕	Route Name Pattern		
Extensions	pstnin	🔊 Edit 🛛 🗴 Delete	
Trunks			
Outbound Routes			
Inbound Call Control \land			
<u>IVR</u>			
IVR Prompts Bing Groups			
Inbound Routes			
BlackList			
Other Settings			
DISA			
<u>Conferencing</u>			
Time Conditions			
Feature Codes			
Paging and Intercom			
System Settings 🔹			
Options			
Music On Hold Prompts SIP Settings			~
Done			Internet

Figure 3-19

3.4.4.1 Create Inbound Route

Click 'New Inbound Route' to enter to the page.

1) General

Route Name

Name of this Inbound Route. Ex: 'pstncallin' etc.

Pattern

Define the Caller ID Number to be matched on incoming calls. Leave this field blank to match any or no CID info.

In patterns, some characters have special meanings:

- X ... Any Digit from 0-9
- Z ... Any Digit from 1-9
- N ... Any Digit from 2-9

[12345-9] ... Any Digit in the brackets (in this example, 1,2,3,4,5,6,7,8,9) Wildcard, Matches Anything Remaining; i.e. 9011. Matches anything starting with 9011 (excluding 9011 itself)

! ... Wildcard, causes the matching process to complete as soon as it can unambiguously determine that no other matches are possible.

For example, NXXXXXX would match normal 7 digit dialings, while

1NXXNXXXXX would represent a three digit area code plus phone number, proceeded by a one.

2) Trunk Sequence

This selection shows all Trunks. Checking Trunk here makes them a member of



the Inbound Route.

3) During Office Hours

You can choose the options for answer incoming calls during office hours.

4) Outside Office Hours

You can choose the options for answer incoming calls during offwork time.

Inbound Route		
General		
Route Nar	ne 🛈 : pstnin	
Patt	ern 🛈 :	
Trunk Sequence 🛈		
Available Trunks		Selected
(test(SIP) yeastar(SIP)	>>> pstn1(An pstn2(An pstn3(An pstn4(An c → pstn4(An pstn5(An c ≪	alog FXO) alog FXO) alog FXO) alog FXO) alog FXO) alog FXO)
During Office Hours		
	C End Call	
	C Extension	User Extension 500 🗸 🗸
	IVR	IVR welcome 🗸 🗸
Destination:	C Ring Group	RingGroup ringgroup_defa 🗸
	Conference Room	Conference Room 640 🗸 🗸
	C DISA	×
Outside Office Hours		
	C End Call	
	C Extension	User Extension 500 🗸 🗸
Beetherker	• IVR	IVR welcome 🗸 🗸
Destination:	C Ring Group	RingGroup ringgroup_defa 🗸
	C Conference Room	Conference Room 640 🗸 🗸
		×

Figure 3-20

3.4.4.2 Delete Routes

Select the item you'd like to remove and click 'Delete' key.



3.4.5 Blacklist

Blacklist is an easy to use function which used to block an incoming call; it will refuse any incoming call which you don't want to answer.

If the incoming call number in the blacklist, system will prompt "The number you have dialed is not in service. Please check the number and try again", and then system hang up the call.



Figure 3-21

3.4.5.1 Create Blacklist

Click 'New Blacklist' to enter to the page.

Ne	w Blacklist	×
	Blacklist Number 🛈 :	
	✓ Save X Cancel	

Figure 3-22

Blacklist number

Enter the number you want to block.



3.5 Other Settings

3.5.1 DI SA

DISA (Direct Inward System Access) allows someone calling in from outside the telephone switch (PBX) to obtain an "internal" system dialtone and dial calls as if from one of the extensions attached to the telephone switch. Frequently the user calls a number DISA number with invokes the DISA application. The DISA application in turn requires the user to enter his passcode, followed by the pound sign (#). If the passcode is correct, the user will hear dialtone on which a call may be placed. Obviously, this type of access has serious security implications, and great care must be taken not to compromise your security.



Figure 3-23

Click 'new DISA' to enter the page



MyPBX - Embedded Hyb	rid IPPBX for Small Businesses - Microsoft Internet Explorer
File Edit View Favorites	Tools Help
🚱 Back 🝷 🐑 👻 😫	😰 🏠 🔎 Search 🧙 Favorites 🤣 🎯 - 🌺 🚍 🥸
Address 🕘 http://192.168.5.13	7/static/config/index.html 💽 🔁 Go Links ²
MyPBX	Embedded Hybrid IP-PBX for Small Businesses Apply Changes Logout
Status Monitor 🔹 🛞	Nanage DISA 💠
Line Status	★ New DISA Manage DISA
Basic 🙁	Name Demonstration Distribution DIN
Extensions	te New DISA X
<u>Trunks</u>	General
Outbound Routes	DISA Name 🔍 : DISA-SIPOUT
Inbound Call Control \land	PIN 🔮 : 123
<u>IVR</u>	Response Timeout 🛈 : 10
<u>IVR Prompts</u>	Digit Timeout 🛈 : 5
Ring Groups	C Allound Outbound Bouton
Alacki ist	Available Outbound Routes Selected Outbound Routes
<u>Briteror</u>	pstnout >>> Sipout
Other Settings 🙁	
<u>DISA</u>	
Conterencing Time Conditions	
Feature Codes	
Paging and Intercom	
Suctom Sottings	Save Cancel
Options	
Music On Hold Prompts	
<u>SIP Settings</u>	
VoiceMail Settings	
Network Settings	
🙆 Done	🔮 Internet

Figure 3-24

1) General

·DISA Name

Give this DISA a brief name to help you identify it.

·PIN

The user will be prompted for this number.

Response Timeout

The maximum amount of time it will wait before hanging up if the user has dialled an incomplete or invalid number. Default of 10 seconds

·Digit Timeout

The maximum amount of time permitted between digits when the user is typing in an extension. Default of 5 seconds.

2) Allowed Outbound Routes

This selection shows all Outbound Routes. Checking Route here makes it a member of Outbound Routes which DISA can use to make an outbound call.

3.5.2 Conferencing

Clik 'New Conference Room' to enter into page

Extension

This is the number dialed to reach this Conference Room.



·Pin Code

set an optional pin code, Ex: "somepincode" that must be entered in order to access the Conference Room.

New Conference Room	Х
Extension 🚯 : 640	
Pin Code 🛈 : somepincode	
Save Save	

Figure 3-25

3.5.3 Time Conditions

You can setup the business hours here.

MyPBX - Embedded Hyb	rid IPPBX for Small Busi	nesses - Microsoft Internet Explo	rer		BX			
<u>File E</u> dit <u>V</u> iew Favorites	<u>T</u> ools <u>H</u> elp				1			
🚱 Back 🝷 🕥 🕤 💌	💈 🏠 🔎 Search 🪽	🕇 Favorites 🧭 🔗 - 🌺 🗖	- 25					
Address 🗃 http://192.168.5.136/static/config/index.html 🗸 🖓 🚱 Links 🌺								
MyPBX Embedded Hybrid IP-PBX for Small Businesses								
Status Monitor 🔹	▶ Time Conditions ♥				_			
Line Status	General							
Basic 🔹	C Enable time settir	g CDisable time setting						
Trunks	Define Office Hours				≡			
Outbound Routes								
Inbound Call Control		a.m.	p.m.	overtime				
IVR IVR Promots	Monday	08:30 🗸 - 12:00 🖌	14:00 💙 - 18:00 💙	19:00 👻 - 22:00 💟				
Ring Groups	Tuesday	08:30 💙 - 12:00 💙	14:00 💙 - 18:00 🌱	19:00 💙 - 22:00 💙				
BlackList	Wednesday	08:30 💙 - 12:00 💙	14:00 💙 - 18:00 💙	19:00 💙 - 22:00 💙				
Other Settings 🍣	Thursday	08:30 💌 - 12:00 💙	14:00 💙 - 18:00 💙	19:00 🗸 - 22:00 🖌				
DISA Conferencing	Friday	08:30 💙 - 12:00 💙	14:00 🗸 - 18:00 🗸	19:00 💙 - 22:00 💙				
Time Conditions Feature Codes	Saturday	09:00 💙 - 12:00 💙	00:00 🗸 - 00:00 🗸	00:00 🗸 - 00:00 🗸				
Paging and Intercom	Sunday	00:00 💙 - 00:00 💙	00:00 🗸 - 00:00 🗸	00:00 💙 - 00:00 💙				
System Settings 🏾 🍣								
Options Music On Hold Prompts		1	🗸 Save 🗙 Cancel					
SIP Settinas					~			
Cone Done				🧐 Internet				

Figure 3-26

3.5.4 Feature Codes

1. General

One Touch Record

User may do call recording by calling *1 on his phone during a call. (*1 is default setting)



•Extension For Checking Voice Mail

User may checking his voice mail by calling *2 on his phone (*2 is default setting)

Blind Transfer

User may blind transfer the incoming call by calling this feature code on his phone (disable by default)

Attended Transfer

User may transfer the incoming call by calling *3 on his phone (*3 is default setting)

·Call Pickup

User may pickup the incoming call by calling *4 on his phone (*4 is default setting)

Intercom

Define the feature code that is used to prefix an extension to dial it as Intercom. For instance setting this value to *5 would allow to initiate an intercom call with extension 501 by dialing *5501.

2. Call Parking

·Call Parking

User may enable call parking by calling *6 on his phone (*6 is default setting) •Call Parking in specify extension

User may enable the call parking in specify extension, then call the specify extension in any phone to continue the calling.

The waiting time for Call parking

The maximum time for the call parking, using "second" as unit.

3. Call Forward Preferences

Reset to defaults

User may reset the call forward default value by calling *70 on his phone (*70 is default setting)

Note: When reset to defaults, the call forward default value will be:

Always forward: Disable.

Busy forward to voice mail: Enable

No answer forward to voice mail: Enable

Do not disturb: Disable

•Enable always forward

User may enable always forward by calling *71 on his phone (*71 is default setting)

·Disable always forward

User may disable always forward by calling *071 on his phone (*071 is default setting)



•Enable busy forward

User may enable busy forward by calling *72 on his phone (*72 is default setting)

·Disable busy forward

User may disable busy forward by calling *072 on his phone (*072 is default setting)

·Enable no answer forward

User may enable no answer forward by calling *73 on his phone (*73 is default setting)

·Disable no answer forward

User may disable no answer forward by calling *073 on his phone (*072 is default setting)

Forward to number

User may forward the call to number by calling *74 on his phone (*74 is default setting)

Note: User may activate call forward to number by dialing *74 + phone number. e.g.: by dialing *74501, it will forward the call to extension 501.

·Forward to Voicemail

User may forward the call to voice mail by calling *074 on his phone (*074 is default setting)

•Enable do not disturb

User may enable do not disturb by calling *75 on his phone (*75 is default setting)

·Disable do not disturb

User may disable do not disturb by calling *075 on his phone (*075 is default setting)



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<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	Iools Help	1
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Address 🙆 http://192.168.5.13	36/static/config/index.html 🛛 💽 😡	Links »
MyPBX	Embedded Hybrid IP-PBX for Small Businesses	gout
Status Monitor 🔹	▶ Feature Codes Φ	_
Line Status	General	
Basic (*) Extensions Trunks Outbound Routes Inbound Call Control (*) MR IVR Prompts Ring Groups Inbound Routes BlackList Other Settings (*) DISA	 *1 One Touch Record *2 Extension For Checking Voice Mail *2 Extension For Checking Voice Mail *3 Blind Transfer *3 Attended Transfer *4 Call Pickup Pickup a specific extension Intercom 	
Conferencing Time Conditions Feature Codes Paging and Intercom	Call Parking Preferences Call parking : *6 What extensions to park calls on: <u>690-699</u> (Ex: 60-69)	
Options	Number of seconds a call can be parked for 🔍 : 60	
Music On Hold Prompts		
SIP Settinas	Call Econward Droforoncoe	×
Cone Done	💙 Internet	

Figure 3-27

3.5.5 Paging and Intercom

Paging and Intercom is for specific phones that are capable of Paging or Intercom. It can be used to make an announcement over the speakerphone on a phone or a group of phones. Targeted phones will not ring, but answer immediately into speaker-phone mode. This section is for configuring group paging, intercom is configured through Feature Codes.

This feature should work with Yealink's T28,T26,T22,T20,T10T,T9CM and possibly other manufacturer's SIP phones(not ATAs). Any phone that is always set to auto-answer should also work.





Figure 3-28

Click 'New Paging Group' to enter into page.

Number for this Paging group

This option defines the numbered extension that may be dialed to reach this paging Group.

Duplex

Paging is typically one way for announcements only. Checking this will make the paging duplex, allowing all phones in the paging group to be able to talk and be heard by all. This makes it like an "instant conference".


New Paging Gruop		×
Number for this Paging group 🛈 :	: 631	
Duplex 🛈 :		
Paging Group members		
Available Extensions	Selected	
500(SIP) 511(SIP) 512(SIP) 513(SIP) 514(SIP) 515(SIP) 516(SIP) 517(SIP)	>>> 501(SIP) 502(SIP) 503(SIP) 504(SIP) 505(SIP) ← 506(SIP) 507(SIP) 507(SIP) 508(SIP)	•
🗸 Sav	ave 🔀 Cancel	

Figure 3-29

3.6 System Settings

3.6.1 Options

1) General

·Ring Timeout

Number of seconds to ring a device before sending to user's Voicemail Box.

MAX call duration

The absolute maximum amount of time permitted for a call. A setting of 0 disables the timeout.

•Music on hold

User can select wanted music for holding a call.

•Tone Region

Please choose your country or your nearest neighboring country for default Tones (Ex: dialtone, busy tone, ring tone etc.)

HTTP bindport

Port to bind to for HTTP sessions (default is 80)

2) Extension Preferences

User Extensions

The default value is 500 to 616



Paging Group Extensions

The default value is 620 to 629

·Ring Group Extensions

The default value is 630 to 639

·Conference Extensions

The default value is 640 to 659

IVR Extensions

The default value is 660 to 689

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MyPBX	Embedded Hybrid IP-PBX for Small Businesses	~
Status Monitor 🔿	🕨 General Preferences 🕸	
Line Status	General Preferences	
Basic	Ring Timeout 🔍: 30 s	
Extensions	MAX Call Duration: 🔨 6000 s	
<u>Trunks</u>	Music On Hold : sunshine 🗸	
Outbound Routes	Tone Degring	
Inhound Call Control		
IVR		
IVR Prompts	Extension Preferences:	
Ring Groups	User Extensions: 500 to 616	
Inbound Routes	RingGroup Extensions: 620 to 629	
<u>BlackList</u>	Paging Group Extensions: 630 to 639	
Other Settings 🔹	Conference Extensions: 640 to 659	
DISA	IVR Extensions 1880 to 699	
<u>Conferencing</u>		
Time Conditions	Reset to defaults	
Feature Codes		
Paging and Intercom		
System Settings 🔹	Save X Cancel	
Options		
Music On Hold Prompts		
SIP Settinas		~
Cone Cone	S Internet	

Figure 3-30

3.6.2 Music on Hold Prompts

Admin can upload on hold music as follow:

1) Click 'Upload Music On hold Prompt'.

- 2) Click 'Browse' to choose the on hold music Prompt.
- 3) Click 'Upload' to upload the selected Prompt.

Note: The sound file format: GSM 6.10, 8.000kHz, Mono, 1kb/sec





Figure 3-31

3.6.3 SIP Settings

1) General

·UDP Port

UDP Port to bind to, SIP standard port is 5060.

•RTP Port Start RTP Port start with

•RTP Port End

RTP Port end with

·DTMF Mode

Set default dtmf mode for sending DTMF, default: rfc2833

Max Registration/Subscription Time

Maximum duration (in seconds) of incoming registration/subscriptions we allow. Default 3600 seconds.

·Min Registration/Subscription Time

Minimum duration (in seconds) of registrations/subscriptions. Default 60 seconds

·Default Incoming/Outgoing Registration Time

Default duration (in seconds) of incoming/outoing registration

2) NAT

·Extern IP

Address that we're going to put in outbound SIP messages if we're behind a NAT

•Extern Host

Alternatively you can specify an external host, and MyPBX will perform DNS queries periodically. Not recommended for production environments! Use external instead.

•Extern Refresh

How often to refresh extern host if used. You may specify a local network in the



field below

Local Network Address

'192.168.0.0/255.255.0.0' : All RFC 1918 addresses are local networks; '10.0.0.0/255.0.0.0' : Also RFC1918; '172.16.0.0/12': Another RFC1918 with CIDR notation;

'169.254.0.0/255.255.0.0' : Zero conf local network.

·NAT Mode

Global NAT settings (Affects all peers and users); yes = Always ignore info and assume NAT; no = Use NAT mode only according to RFC3581; never = Never attempt NAT mode or RFC3581 support; route = Assume NAT, don't send rport

Allow RTP Reinvite

MyPBX by default tries to redirect the RTP media stream (audio) to go directly from the caller to the callee. Some devices do not support this (especially if one of them is behind a NAT).

3) Codecs

A codec is a compression or decompression algorithm run against voice as it is moved between analog (speaking) and digital (VoIP).

u-law: A PSTN standard codec, used in North America, that provides very good voice quality and consumes 64kbit/s for each direction (receiving and transmitting) of a VoIP call. u-law should be supported by all VoIP phones. **a-law:** A PSTN standard codec, used outside of North America, that provides very good voice quality and consumes 64kbit/s for each direction (receiving and transmitting) of a VoIP call. a-law should be supported by all VoIP phones.

GSM: A wireless standard codec, used worldwide, that provides okay voice quality and consumes 13.3kbit/s for each direction (receiving and transmitting) of a VoIP call. GSM is supported by many VoIP phones. **G.726:** A PSTN codec, used worldwide, that provides good voice quality and consumes 32kbit/s for each direction (receiving and transmitting) of a VoIP call. G.726 is supported by some VoIP phones.



AvDBX - Embedded Hyb	arid IDDBY for Small Rusinesses - Nicrosoft Internet Evolorer	
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	A Courte de Enverter A Courte de Secondaries	
Address 🕘 http://192.168.5.13	38/static/config/index.html 🛛 🔁 Go	Links **
Line Status	General	<u>^</u>
Basic (*		
Extensions	UDP Port : 5060	
Trunks	RTP Port Start: 10001	
Outbound Routes	RTP Port End: 10200	
Inhound Call Control	DTMF Mode 🛈 : rfc2833 🔽	
	Max Registration/Subscription Time 0 : 3600	
IVR Prompts	Min Registration/Subscription Time	
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VoiceMail Settings	Codecs	
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Password Settings	Allowed Codecs: HD63n V H263	~
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Figure 3-32

3.6.4 Voicemail Settings

General Voicemail Settings

·Maximum messages per folder

This select box sets the maximum number of messages that a user may have in any of their folders.

·Max message time

This select box sets the maximum duration of a voicemail message in minutes. Message recording will not occur for times greater than this amount.

·Min message time

This select box sets the minimum duration of a voicemail message in seconds. Messages below this threshold will be automatically deleted.

Ask caller to press 5

If this option is set, the caller will be asked to press 5 before he can leave a message.

·Say message Caller-ID

If this option is enabled, the Caller ID of the party that left the message will be



played back before the voicemail message begins playing.

Say message duration

If this option is set, the duration of the message in minutes will be played back before the voicemail message begins playing.

.Say message arrival time

If this option is set, the arrival time of the message will be played back before the voicemail message begins playing.

SMTP Settings for Voicemail

·E-mail Address

The E-mail Address that MyPBX will use to send voicemail to users' email.

·Password

The E-mail password.

·SMTP Server

The IP address or hostname of an SMTP server that the MyPBX may connect to, in order to send e-mail notifications of your voicemails;

i.e. mail.yourcompany.com

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	Min message time 🛈 : 5 seconds 💌	
Inbound Call Control 🙁	Ask caller to press 5 🛈 : 🗖	
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Figure 3-33

3.6.5 Network Setting



·DHCP

If this option is set, MyPBX will use DHCP to get an available IP address from your local network.

Hostname

Set the host name for MyPBX Appliance.

·IP Address

Set the IP Address for MyPBX Appliance.

Subnet Mask

Set the Subnet Mask for MyPBX Appliance.

Gateway

Set the Gateway for MyPBX Appliance.

Primary DNS

Set the primary DNS for MyPBX Appliance.

Secondary DNS

Set the secondary DNS for MyPBX Appliance.

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Trunks	Hostname:	MyPBX
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Inbound Call Control \land	Subnet Mask:	255.255.255.0
<u>IVR</u>	Gateway:	192.168.5.1
IVR Prompts Bing Groups	Primary DNS:	192.168.5.1
Inbound Routes	Secondary DNS:	
BlackList	· · · · · · · · · · · · · · · · · · ·	
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Figure 3-34

3.6.6 Autobackup setting



Auto backup is used for the extension of MyPBX's disk space. After finished this setting, MyPBX will search and move the qualified files to the Windows OS based PC every half an hour. For the voicemail files and Record files, the condition is that they must be created before backup days; For the CDR files, the condition is that the call log file size must be more than 8MB.



Figure 3-35

3.6.7 Password Settings

The default password is '**password**', we need change that first. Enter new password and click update, then the system will prompt you re-login using your new password.



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Figure 3-36

3.6.8 Date and Time

Set the date and time for MyPBX Appliance.



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Basic Extensions	Server Time: Thu Aug 27 14:54:26 2009	
<u>Trunks</u> Outbound Routes	Time Zone: GMT+08:00 China, Philipines, Malaysia 💌	≣
Inbound Call Control 🔹	Automatically Synchronize With An Internet Time Server	
<u>IVR</u>	NTP Server : pool.ntp.org	
Ring Groups	C Set New Date & Time Manually	
Inbound Routes	Data	
BlackList	Date	
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Figure 3-37

3.6.9 Backup and Restore

Backup / Restore MyPBX's Configuration.





Figure 3-38

3.6.10 Reset and Reboot

·Reboot Appliance

Warning: Rebooting the appliance will terminate all active calls.

·Reset to Factory Defaults

Warning: By resetting your System to factory defaults, you will lose all your configurations! You can't cut off the electricity during restarting till the RUN state light blink, otherwise it will cause the failure performance.



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IVR Prompts	Reset To Factory Defaults	
<u>Ring Groups</u> Inbound Routes BlackList	Reset to Factory Defaults	
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Figure 3-39

3.6.11 Firmware Update

With new version, we can upgrade the firmware in GUI through a TFTP Server or HTTP URL.

Enter your TFTP Server ip address and firmware name, just click 'start', you will update your firmware easily.



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Extensions		
<u>Trunks</u>		
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Inhound Call Control	Reset Configs :	
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IVR Prompts	* Start	
Ring Groups		
Inbound Routes		
BlackList		
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Feature Codes		
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System Settings 🏾 🏝		
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Figure 3-40

3.7 Reports

3.7.1 Call Logs

Call Log captures all call details: calling time, caller number, callee number, call type, call duration and so on. For administrator's convenience, admin can search information by calling time, call type and call duration and export them into CSV file.



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Pasia (2)	ID	Source	Destination	Start time	End Time	Duration	Billable seconds	Disposition	
Extensions	1	503	504	2009-08-27 15:08:09	2009-08-27 15:08:32	23	23	ANSWERED	
Trunks Outbound Routes	2	501	502	2009-08-27 15:08:07	2009-08-27 15:08:32	25	24	ANSWERED	=
Inhound Call Control	3	507	508	2009-08-27 15:08:02	2009-08-27 15:08:32	30	29	ANSWERED	
	4	505	506	2009-08-27 15:08:01	2009-08-27 15:08:32	31	31	ANSWERED	
IVR Prompts	5	507	508	2009-08-27 14:59:10	2009-08-27 15:06:07	417	417	ANSWERED	
Inbound Routes	6	505	506	2009-08-27 14:59:09	2009-08-27 15:06:07	418	418	ANSWERED	
BlackList	7	503	504	2009-08-27 14:59:07	2009-08-27 15:06:07	420	420	ANSWERED	
Other Settings 🔹	8	501	502	2009-08-27 14:59:06	2009-08-27 15:06:06	420	420	ANSWERED	
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Paging and Intercom									
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Figure 3-41

3.7.2 System Info

General:

Information about Hardware version, Firmware version and Uptime.

Network:

Information about Hostname, MAC, IP Address, Mask, Gateway and DNS.

Disk Usage:

Disk usage information.

Memory Usage:

Memory usage information.



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Line Status	General ≈	
Line Status Basic Extensions Trunks Outbound Routes Inbound Call Control	Hardware Version: M01 Firmware Version: 1.0.1.7 Uptime: 15:09:34 up 1 day, 5:23, Lead Àverage: 1.15, 1.28, 1.18 Network ≈ Hostmame:	
EllackList Other Settings DISA Conferencing Time Conditions Feature Codes Paging and Intercom System Settings Ontions Music On Hold Prompts SIP Settings Done	NyPBX MAC: 00:15:65:11:30:E2 IP Address: 192.168.5.136 Mask: 255.255.255.0 Gateway: 192.168.5.1	

Figure 3-42





4. Access MRI

MRI (MyPBX Recording Interface: Check Voice Mail). Users may access MRI by using extension number as username and voicemail secret as password.

4.1 Allow users to access MRI

Extension's option hasmanager must be set to yes before it can access to MRI.

lit Extension - 501	x
C General	
Extension ①: 501 Password ①: 501	
Name 🛈 : 501 Caller ID 🛈 : 501	
Voice Mail	
Voice Mail Access PIN Code 🛈 : 501	
🗖 Send Voice Mail To Email Address 🛈 :	
Note: If you want to send voice mail to email, please define VoiceMail Settings from the 'VoiceMail Settings' panel.	
VoIP Settings	
NAT 🛈 : 🔲 DTMF Mode 🛈 : RFC2833 🔽	
r Group	
Pickup Group 🕕 : 📃	
Follow me	
Always	
Follow me: 🔽 No answer Transfer to:	
When Busy	
Cother Option	
Call Waiting 🛈 🔽 hasmanager 🛈	
✓ Save X Cancel	

Figure 4-1

4.2 User login



Users can use extension number as MRI username, voicemail password as MRI password to access MRI.

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	MyPBX Configuration Panel				
Yeastar	User Login				
	Username: 501				
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Figure 4-2

4.3 Voicemail



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	508" <508>	Tue Apr 28 12:52:34 AM	151 Sec	Play Delete Download	
	□ "510" <510>	Tue Apr 28 12:52:35 AM	31 Sec	Play Delete Download	
	509 509	Tue Apr 28 12:52:35 AM	150 Sec	Play Delete Download	
	5 11" <511 5 11	Tue Apr 28 12:52:36 AM	148 Sec	Play Delete Download	
	512" <512>	Tue Apr 28 12:52:37 AM	37 Sec	Play Delete Download	
	514 514	Tue Apr 28 12:52:39 AM	152 Sec	Play Delete Download	
	513 " <513	Tue Apr 28 12:52:39 AM	151 Sec	Play Delete Download	
	515 " <515>	Tue Apr 28 12:52:41 AM	152 Sec	Play Delete Download	
20	508 " <508>	Tue Apr 28 12:55:54 AM	170 Sec	Play Delete Download	
🍎 🖉 Yeastar	□ "509" <509>	Tue Apr 28 12:55:55 AM	216 Sec	Play Delete Download	
	Ci	opyright 2008 Yeastar Technolog	y, Co., Ltd. All Rights Re:	served.	
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Figure 4-3

4.4 Record



Users can play, delete and download record files here

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<u>Voicemail</u> Record	Viewing 1-2 of 2 (most recent first)			X Delete Pre N	ext 🕨
Settings	Caller ID	Time	Duration	Options	
Follow me	6013	2009-04-28 01:19:23	22 Sec	Play Delete Download	
	5503302	2009-04-28 01:23:34	33 Sec	Play Delete Download	
Yeastar					
		Copyright 2008 Yeastar Tec	hnology, Co., Ltd. Al	I Rights Reserved.	•
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Figure 4-4

4.5 settings



Voicemail password: new voicemail box password.

Enter again to confirm: confirm new voicemail box password.

Send Voice Mail To Email Address: Configure the email address voicemails will be sent to.

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	Send Voice Mail To Email Address : support@yeastar.com	
	Save 🔀 Cancel	
Yeastar		
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Figure 4-5

4.6 Follow me

Set the mode of call forwarding when there's incoming call on this extension.



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	Follow me ψ	
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	Always	
	Follow me: 🔽 No answer Transfer to: 🔿 Number	
	When Busy	
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	Copyright 2008 Yeastar Technology, Co., Ltd. All Rights Reserved.	-
Done		Internet //.

Figure 4-6



5. Use MyPBX



5.1 Make outbound call

To make an outbound call, we need to add trunk/service provider first. There are two types of service provider:

•Analog Ports: FXO ports of MyPBX, connect to local PSTN

•SIP Trunk: Connect to remote SIP VOIP service provider server

What are FXO and FXS?

FXS (Foreign eXchange Station) is an interface wihich drives a telephone or FAX machine. FXS interfaces get phones plugged into them, delivery battery, and provide ringing, FXS interfaces are signaled with FXO signaling.

FXO (Foreign eXchange Office) is an interface that connects to a phone line. They supply your PBX with access to the public telephone network. FXO interfaces use FXS signaling. FXS interfaces are what allow you to hook telephones to your PBX, and FXO interfaces allow you to connect your PBX to real analog phone lines.



5.1.1 Make call via PSTN trunk

For our demo, we want all inside extensions dial '9' through the Analog Trunk callout. In Outbound Routes \rightarrow add a new Outbound Route as below.

Edit Outboud Route	x
Route Name 🛈 :	pstnout
Dial pattern 🛈 :	9.
Strip 🛈	1 digits from front
Prepend these digits 🛈	before dialing
Calls From Extension(s) 🛈	
Available Extensions	Selected
	>>> \$00(SIP) \$01(SIP) → \$02(SIP) \$03(SIP) \$04(SIP) \$05(SIP) \$05(SIP) \$05(SIP) \$06(SIP) \$07(SIP)
Make Outbound Calls On 🛈	
Available Trunks	Selected
6096(SIP)	>>> pstn1(Analog FXO) pstn2(Analog FXO) → ≪
	✓ Save X Cancel

Figure 5-1

As we can see from the Outbound Route of 'pstnout', all numbers start with 9 will be cut the first digit ('9') and send to PSTN (port 1-2).

After we have done above, in the extension we can dial 9 + local number to dial out via PSTN line.

Note: Set number prefix to wild card X and set Strip 0 digits from front will match all the outbound call to go through this outbound route.

5.1.2 Make call via VoIP trunk



For our demo, we want all inside extensions dial '0' throw the VoIP service provider Trunk callout.

1. Add VoIP service provider

Before we do add this, please make sure you have a VoIP service provider account.

Trunks \rightarrow SIP Trunk \rightarrow Add SIP Trunk

Enter your account on this page, and click save.

Create New SIP Trunk			×
Provider Name :	voipprovider		
Hostname/IP :	voip.6699.org	: 5060	
Domain :	voip.6699.org		
Username :	16885885		
Authorization name :	16885885		
Password :	somepassword		
	Save X Cancel		

Figure 5-2

2. Add Outbound Routes

As we can see from the Outbound Route of 'voipout', all numbers start with 0 will be cut the first digit ('0') and sent to sip service provide VoIP.



MyPBX-SOHO User Manual

New Outbound Route		X
Route Name🛈:	voipout	
Dial pattern 🛈 :	0.	
Strip	1 digits fro	m front
Prepend these digits 🛈		before dialing
⊂ Calls From Extension(s)		
Available Extensions		Selected
	>>> +	500(SIP) 501(SIP) 502(SIP) 503(SIP) 504(SIP) 505(SIP) 506(SIP) 507(SIP)
Make Outbound Calls On		
Available Trunks	7	Selected
pstn2(Analog FXO)		yeastar(SIP)
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5	🗸 Save 🛛 🗙 Car	ncel

Figure 5-3

So far when we have added two calling rules, any call start with 9 will be route to PSTN, and call starts with 0 will be route to voipprovider.



5.2 Incoming call

5.2.1 Route incoming route to IVR

For our demo, we want all incoming call route to the IVR, press '0' route the call to extension 500, press '1' route the call to extension 501.

1. Add IVR

IVR→ Create New IVR

Edit IVR welcome					x
Number 🛈 : 660					
Name 🛈 : 🛛 welcome					
Prompt 🛈 : 🛛 default 💌	Custom IVR Prompts				
Play times 🛈 : 🛐					
WaitExten 🛈 : 🛐					
🔽 🚺 Allow Dialing	g Other Extensions				
🚺 KeyPress Events —					
Кеу	Action		Destination		
0	Connect to Extension	•	User Extension 500	•	
1	Connect to Extension	•	User Extension 501	•	
2	No Action	•		V	
3	No Action	•		v	
4	No Action	•		V	
5	No Action	•		v	
6	No Action	•		v	
7	No Action	•		V	
8	No Action	•		V	
9	No Action	•		V	
#	No Action	•		V	
*	No Action	•		V	
TimeOut 🛈	Connect to Extension	•	User Extension 500	•	
Invalid 🛈	Connect to Extension	•	User Extension 500	•	
	🖌 Save	🗙 Cancel			

Figure 5-4



2. Add Inbound Routes

As we can see from the Inbound Route of 'allin', all incoming call will be sent to the IVR.

Inbound Route		
General		
Route N	lame 🛈 : allin	
Pa	attern 🛈 :	
Trunk Sequence		
Available Trunks		Selected
	>> voipprov	ider(SIP)
	yeastar()	SIP) nalog FXO)
	pstn2(Ar	nalog FXO)
	<u>~</u>	
	««	
During Office Hours	· · ·	
Daming Childe Fibero	C End Call	
	C Extension	User Extension 500
		IVR welcome
Destination:		RingGroup ringgroup, defs 💙
		Captercape Ream \$40
	Conterence Room	
	DISA	· · · · · · · · · · · · · · · · · · ·
Outside Office Hours		
	C End Call	
	C Extension	User Extension 500 💙
Dectination:	IVR	IVR welcome 🗸
Destination.	C RingGroup	RingGroup ringgroup_deft 💙
	C Conference Room	Conference Room 640 🛛 🗸
	C DISA	~

Figure 5-5



APPENDIX A FAQ

Q1. How to Register SIP device?

A1:

1) Register SIP soft phone

Download the x-lite softphone from counterpath website

www.counterpath.com

After install the x-lite, right click the panel and select the SIP Account setting and then configure it.

Display Name: 500 User Name: 500 Password: 500

Authorization Name: 500 Domain: 192.168.5.150

2) Register IP Phone (for example, Yealink's T28 IP Phone)

a) Connect the T28's WAN port to the switch. And it can get the IP from your route.

b) Press the 'OK' key on T28 to get the IP of T28.

c) Put the IP on web browser then you can enter the T28 configure page through this IP.

d) Put the SIP extensions info on the T28 IP phones.

Display Name: 501 User Name: 501 Register Name: 501 Password: 501 SIP Server: 192.168.5.150

Use the same method register another T28 to other extension.

Q2. How do I reset MyPBX back to the factory default settings?

A2: To perform a reset, please follow steps below:

Step 1: Press the 'Reset' button on the back of the unit labeled reset.

Step 2: Hold press down for 5 seconds and Watch the lights on the front of the MyPBX. When the status light turn red, let go of the reset button.

Step 3: When the RUN status light start blinking the MyPBX will be back to its factory settings.

Step 4: To access the configuration page, release and renew the IP address on your computer and then open Internet Explorer and type 192.168.5.150 in the address bar.

Step 5: Login to the device with the Username 'admin' and the Password 'password', in order to reconfigure the device.



APPENDIX B How to configure autobackup

Please follow below step to configure autobackup for MyPBX:

First to set up SMB share folder on Windows OS based computer. Then setup autobackup setting on MyPBX.

Step 1 Add a new folder, rename it, set this new folder's share Properties as Figure B-1

share	share Properties 🔹 💽 🔀			
~	General Sharing Customize			
	Local sharing and security			
	To share this folder with other users of this computer only, drag it to the <u>Shared Documents</u> folder.			
	To make this folder and its subfolders private so that only you have access, select the following check box.			
	Make this folder private			
	Network sharing and security To share this folder with both network users and other users of this computer, select the first check box below and type a share name.			
	Share this folder on the network			
	Share name: share			
	Allow network users to change my files			
	Learn more about <u>sharing and security</u> .			
 Windows Firewall is configured to allow this folder to be share with other computers on the network. <u>View your Windows Firewall settings</u> 				
	OK Cancel Apply			



Step 2 Enter the new folder and create a txt file then rename it as status.txt This is very important, DO NOT forget to create this status.txt file. Step 3 Set up autobackup setting on MyPBX as Figure B-2



Autobakcup Setting	
SMB share host/IP: 192.168.5.222	
SMB share name: share	
SMB share username:	
SMB share password:	
Backup Days Ago: 🚺 🐱	
✓ Save 🔀 Cancel	

Figure B-2 Autobackup Setting

SMB share host/IP: change this to your Windows OS based computer's IP address

SMB share name: change this to your share folder's share name

SMB share username: your Windows OS based computer's username, leave this blank if not required

SMB share password: your Windows OS based computer's password, leave this blank if not required

If you are first to configure Autobackup Setting for MyPBX, system will prompt you to restart MyPBX, after rebooting, enter your Windows share folder, if it is as Figure B-3, setting is successful.



Figure B-3 Autobackup setting succeed



APPENDIX C How to configure NAT setting

When MyPBX is behind a NAT(firewall), you need to configure NAT setting for MyPBX if you want to use a outernet extension. This is a STUN like mechanism.

1. If MyPBX are in local network, it means that MyPBX are not in public network ,you should do port mapping in your router, mapping port 5060 and 10001-10200(RTP port start-RTP port end) as UDP ports mapping.

Then go to MyPBX web interface and do SIP settings as Figure C-1:

Extern IP: your router's public IP address

Extern Host: your router's domain

Extern refresh: 20 sec

Local Network Address: 192.168.5.0/255.255.255.0 (change this to your network setting)

NAT mode: yes

Allow RTP Reinvite: no

Note:Only when using outernet a	extension requires configuration
Extern IP 🛈 :	
Extern Host 🛈 :	yeastar.3322.org
Extern Refresh 🛈 :	20
Local Network Address 🛈 :	192.168.5.0/255.255
NAT Mode 🛈 :	yes 🐱
Allow RTP Reinvite 🛈 :	no 💌



Assume that your router's host address is yeastar.3322.org, your local network is from 192.168.5.1-192.168.5.254, subnet Mask: 255.255.255.0 MyPBX network setting configured like Figure C-2



Netv	vork Setting
DHCP:	no 💌
Hostname:	MyPBX
IP Address:	192.168.5.101
Subnet Mask:	255.255.255.0
Gateway:	192.168.5.1
Primary DNS:	192.168.5.1
Secondary DNS:	
	Save X Cancel

Figure C-2 MyPBX Network setting

 $\mathbf{2}$ MyPBX has a public IP, it means you configure MyPBX Network setting as Figure C-3:

Network Setting				
DHCP:	no 🖌			
Hostname:	МуРВХ			
IP Address:	221.245.25.117			
Subnet Mask:	255.255.255.0			
Gateway:	221.245.25.1			
Primary DNS:	202.101.103.54			
Secondary DNS:	202.101.103.55			
	Save X Cancel			

Figure C-3

Then you should configure MyPBX's NAT setting as Figure C-4



Note:Only when using outernet e	extension requires configuration
Extern IP 🛈 :	221.245.25.117
Extern Host 🛈 :	
Extern Refresh 🛈 :	
Local Network Address 🛈 :	
NAT Mode 🛈 :	yes 🔽
Allow RTP Reinvite 🛈 :	no 💌



Extern IP: MyPBX's public IP address
Extern Host: leave it blank if haven't configured domain
Exretn refresh: leave this blank
Local Network Address: (leave this blank bcz MyPBX are in public Network)
NAT mode: yes
Allow RTP Reinvite: no



APPENDIX D How to Use Auto Provision

Step 1. Disable DHCP Server on your local network. E.g. Disable DHCP Server on Linksys Router.

LINKSYS [®] A Division of Cisco Systems, Inc.						Firmware Version: 1.04.06
				Etherfast®	Cable/DSL Router	BEF SR41
Setup	Setup S	ecurity	Applications	Administration	Status	
	Basic Setup	DDNS	MAC Addr	ess Clone 🛛 🗛 Ad	Ivanced Routing	
Internet Setup					Basic	Setup
Internet Connection Type	Obtain an IP au	tomatically 🛓	•		The Basic	Setup screen is
Optional Settings (required by some ISPs)	Host Name: Domain Name: MTU:	Enable (Disable Size: 1] 500	where ba performe Service P that you e informatio be obtaind you have	sic configuration is d. Some ISPs (Internet roviders) will require inter the DNS n. These settings can ed from your ISP. After configured these
Network Setup Router IP	Local IP Address: Subnet Mask:	192.168	.1.1		settings, y passwori <i>Administr</i> screen. Completin	you should set a router a from the sation>Management g the Internet Setup all that is required to
Network Address Server Settings (DHCP)	Local DHCP Server Start IP Address: Number of Address: DHCP Address Range: Client Lease Time: Static DNS 1: Static DNS 2: Static DNS 3: WINS:	Enable 192.168.1. 1 50 192.168.1.10 0 min 0 . 0 0 .	Disable 00 0 to 192.168.1.149 utes (0 means one di .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	ay)	Section is set up for Please lot configure Internet c <u>More</u>	an unat is required to your specific ISP. Is at the table below to the Router for your onnection.
			Save Settings	Cancel Chang	ges	CISCO SYSTEMS

Figure D-1

Step 2. Enable DHCP Server on MyPBX.

Login MyPBX web interface, System Settings \rightarrow DHCP Server \rightarrow Enable DHCP Server.



MyPBX	Embedded Hybrid IP-PE	Logout		
Status Monitor	▶ DHCP Server ♥	DHC	CP Server	
Basic 🔹		DHCF	' is not running !	
Trunks Outbound Doutes			Enable	
Auto Provision		Gateway :	192.168.5.1	
		Subnet Mask :	255.255.255.0	
Inbound Call Control		Primary DNS :	192.168.5.1	
IVR Prompts		Secondary DNS :		
Ring Groups		Allow IP Address From:	192.168.5.2	
InboundRoutes BlackList		To:	192.168.5.254	
		V 8	Save 🗶 Cancel	4
DISA				
<u>Conferencing</u>				
TimeConditions				
Paging and Intercom				
Surtom Sottings				
Options				
Music On Hold Prompts				
SIP Settings				
VoiceMail Settings				
Network Settings				
DHCP Server				
Password Settings				
Date and Time				
Backup and Restore				
Reset and Repoot				

Figure D-2

Step 3. Configure phones on MyPBX auto-provision page.

1. Login MyPBX web interface, Basic \rightarrow Auto Provision \rightarrow Create New Phone.

My PBX	Embedded Hybrid IP-PBX for Small Businesses					
Status Monitor	Auto Provision \$\$	Auto Provisio	n			
Basic (2)	+ Create New Phone	,				
Extensions Trunks Outbound Routes	Мас	Name	Extension			
Inbound Call Control						
IVR Prompts Ring Groups InboundRoutes						
BlackList Other Settings						
DISA Conferencing TimeConditions FeatureCodes Paging and Intercom						





2. Fill in the phone detail message on the pop-up windows.

Input IP Phone's MAC address, configure Name, Call waiting, Line, Extension, Label, Line active for the phone.

Create New Pho	ne		x
General —			
Ma	c: 00156511189E	Name: Michael C	all Waiting : Enabled 🔽
Key As Sen	d: 🕊 💌		
C Line			
🔽 Line1	Extension: 500	Label: 500	Line Active: 🔽
🗖 Line2	Extension:	Label:	Line Active: 📕
🗖 Line3	Extension:	Label:	Line Active: 📕
🗖 Line4	Extension:	Label:	Line Active: 📕
🗖 Line5	Extension:	Label:	Line Active: 📕
🗖 Line6	Extension:	Label:	Line Active: 📕
		🖌 Save 🛛 🗙 Cancel	

Figure D-4

Step 4. Turn on the power and connect the network cable to IP Phone.

Remark: The factory default setting of DHCP for IP Phone is enable, so you can skip this step to step 5.

If the DHCP is disable, please follow below step to enable it. (e.g.: Yealink's IP Phone).

- 1. Login IP phone's web page.
- 2. Enable DHCP.

Yealink								
Easy vop	Status	Account	Network	Phone	Contacts	Upgrade	Security	
		Internet F	Port (WAN)	PC Port	Advanced			
	DH Sta IP Sub Def Prin Sec Pp Use Pas	CP titic IP Address Address onet Mask iault Gateway nary DNS condary DNS POE r sword Confirm		Cancel		NOTE DHCP The de address server Static Set the Mask, I address Secono manual PPOE This set	wice will acquire its IP storm the DHCP automatically. IP Address IP address, Subnet Pefault Router IP s, Primary DNS, Jary DNS fields y. tting provide by DSL.	
Stop E Einich	-		Figur	e D-5				
Step 5. Finisi	1.							

<Finish>