

Escene IP Phone Configuration Guide

Version 1.0

Yeastar Information Technology Co. Ltd.

Configuring with MyPBX manually

Configuring Escene IP phone with MyPBX

Applicable Models: Escene ES620, ES410, ES330, ES320, ES290, ES220, ES205, DS622, DS412, DS102, WS620, WS320, WS220, WS103, WS102, HS118, HS108, US103, US102, GS620, GS410, GS330.

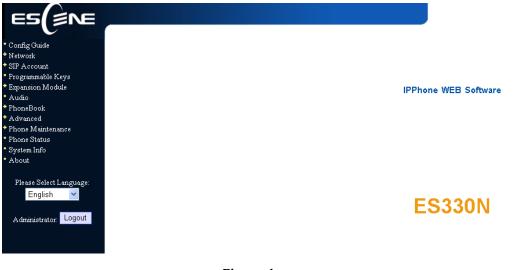
Please note:

This guide has been tested for Escene ES330 with firmware version V1.0.5.2-2092 and Escene ES620 with firmware version V2.2.7-3449. Be aware that different firmware revisions may have different web interface formats and functionality.

Register with MyPBX

NOTE: In this guide, the IP of the IP phone is 192.168.5.6; the IP of MyPBX is 192.168.5.151.

- 1. Start the browser on PC. In the address bar, enter the IP address of the phone: http://192.168.5.6.
- 2. Enter the phone's login username (default "root") and password (default "root").

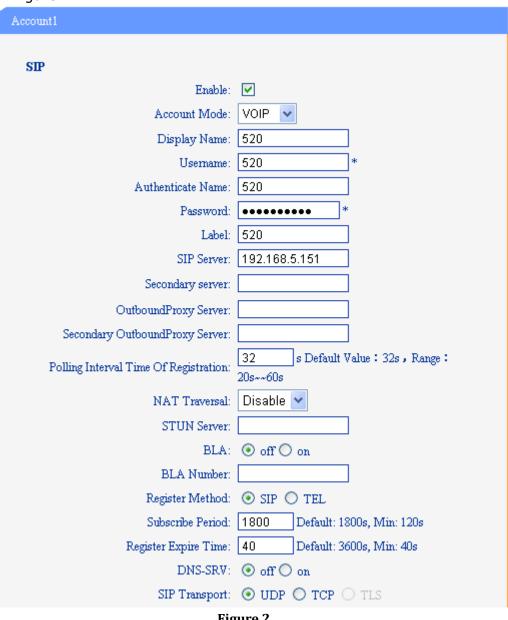




3. Click on the "Sip Account" tab, chose the account you want to register.



4. Chose Account1 to edit, click on "Account1". The setting page of SIP is shown in Figure2.



- Figure 2
- 1) Enable: check the box to activate the account.
- 2) Account Mode: VOIP
- 3) Display Name: set a display name of the extension according as you prefer
- 4) User Name: same as the extension's number in general, such as 520
- 5) Authenticate Name: same as the extension's number in general, such as 520
- set the "Password" 6) Password: field to the extension's Authentication password
- 7) Label: et the "Label" field to the name you want to appear on the



Phone display

- 8) Sip Sever: set the "Sip Sever" field to the IP Address of the MyPBX server in this example, 192.168.5.151
- 9) NAT Traversal: the default setting is Disable, if you want to configure the phone as a remote extension ,you should chose STUN, then enter a correct address in the field of "STUN Sever"
- 10) BLA: off
- 11) Register Method: chose the method corresponding to the Account Mode
- 12) DNS-SRV: off
- 13) Sip Transport: UDP
- 5. Call Section

Call		
	Amount Of Line Account Used:	1 (Default: 2)
	Do Not Disturb:	⊙ off ○ on
	Anonymous Call:	⊙ off ○ on
	Use Session Timer:	⊙ off ○ on
	Session Timer:	300 (min:300s)
	Allow-events:	\odot off \bigcirc on
	Registered NAT:	\bigcirc off \odot on



- 1) Do Not Disturb: off
- 2) Anonymous Call: off
- 3) Use Session Timer: off
- 4) Allow-event: off
- 5) Registered NAT: on
- 6. Security Section:

Security	
SIP Encryption:	⊙ off ○ on
RTP Encryption:	⊙ off ○ on
Encryption Algorithm:	RC4 🐱
Encryption Key:	
RTP Port Range:	10000 10128

Figure 4

- 1) SIP Encryption: off
- 2) RTP Encryption: this is an SRTP option, you must chose "off", if you want to chose "on", please enable SRTP in MyPBX first
- 7. Click the button "Submit" and the phone will register with your MyPBX. This can be verified via "Status" page of MyPBX management console.



Phone provisioning with MyPBX

The supported model of Escene IP phone is ES220,ES320,ES330,ES410,ES620. The firmware we tested in this example is V2.6.4, if your firmware is different from this one, the web interface may got a little difference.



Figure 5

Step1. Disable DHCP Server on your local network.

E.g. Disable DHCP Server on Linksys Router.



				Etherfa	st® Cable/DSL	Router	BEFSR41
Setup	Setup S Basic Setup	ecurity DDNS	Applications & Gaming MAC Add	Administra	ition Stat		
				-			
Internet Setup						Basic \$	Setup
Internet Connection Type	Obtain an IP aut	omatically 🛰	*			The Basic	Setup screen is
Optional Settings				~			ic configuration is Some ISPs (Interne
(required by some ISPs)	Host Name:					Service Pro	oviders) will require
	Domain Name:						ter the DNS . These settings ca
	MTU:	O Enable 🤇	Disable Size:	1500			d from your ISP. Afte configured these
Network Colum							ou should set a rout
Network Setup	Local IP Address:	100 100				Administra	tion->Management
Router IP		192 . 168				screen.	
	Subnet Mask:	255.255.2	55.0 💙				the Internet Setu
Network Address	Local DHCP Server:	O Enable 🧕	Disable			set up for y	all that is required to our specific ISP.
Server Settings (DHCP)	Start IP Address:	192.168.1. 1					at the table below he Router for your
	Number of	50				Internet co	nnection.
	Address: DHCP Address					More	
	Range:) to 192.168.1.149				
	Client Lease Time:		utes (0 means one (day)			
	Static DNS 1:	0.0	.0.0				
	Static DNS 2:	0.0	. 0 . 0				
	Static DNS 3:	0.0	. 0 . 0				
	WINS:	0.0	. 0 . 0				

Figure 6

Step2. Enable DHCP Server on MyPBX.

You can find it in `system \rightarrow Network Preferences \rightarrow DHCP server'.

MyPBX	2		Status	System	PBX	Reports	Addons	Logout
Network Preferences	DHCP Server							
LAN Settings	DHCP Server							
WAN Settings		DHCF	is running					
DHCP Server		V	Enable					
VLAN Settings	-		192.168.5.1					
-	-	Subnet Mask :						
VPN Settings	_	Primary DNS :	192.168.5.1					
DDNS Settings		Secondary DNS :						
Static Route		Allow IP Address From:						
Firewall Settings			192.168.5.254					
			tftp://192.168.5.4)				
Firewall Rules		NTP Server:						
IP Blacklist		🖌 Save	X Cancel					
Svetom Proforances								

Figure 7

Step3. Create a phone in 'phone provisioning' page, you can check the list of supported phones in this page directly.



Extensions	Phone Provisi	oning							
FXS/VoIP Extensions	General Set	tings for Yealink							
Phone Provisioning	General Set	tings for Aastra							
Trunks	Phone Book								
hysical Trunk	Configured	Phone							
olP Trunk	+ Add Pho	ne 👔 Add Bulk	Phones Configure	the Selected Phones	K Delete the	Selected Phones	Total: 1	Show: 1-1	View: 15
Outbound Call Control	ID ID	MAC Address	Manufacturer	Phone Type	Name	Extension	Enabled		
utbound Routes	E 1	0004133463B1	Snom	snom300	506	506	Yes		×
peed Dial Settings									
Inbound Call Control								< Prev	1 Next 3
/R	Not Config	jured Phone							
Ring Groups	Configure	the Selected Phone	es 🚷 Refresh				Total: 4	Show: 1-4	View: 15
lueues	1) M/	AC Address	Manufactur	er	IP Addr	ess	Phone	Туре
onferences	E 1	in the second	268b01c432	Escene		192.168.			
bound Routes	2 		2685013918 1268501138f	Escene		192.168. 192.168			
		<u>.</u>	2000011301	Escene		192.100.	5.47		

Figure 8

Click one Escene IP phone, input the name, choose the phone type and the account, then activate it.

Extensions	Phone Provisioning						
FXS/VoIP Extensions	General Settings for Yealink						
Phone Provisioning	General Settings for Aastra	Add Phone				×	
Trunks	Phone Book	General Memory Key	Settings				
Physical Trunk	Configured Phone	Enabled: Yes	*				
VolP Trunk	Add Phone 🛃 Add B	MAC Address: 00268		Name: Massimo		1 Show: 1-1	View: 15
Outbound Call Control	ID MAC Addres	Manufacturer: Escer	• •	Phone Type: ES320	•		
Outbound Routes	1 0004133463B		ion: 501 👻	Label: 501	Line Active: 🗹		X
Speed Dial Settings		Line2 Extens	ion:	Label:	Line Active:		
Inbound Call Control		Line3 Extens		Label:	Line Active:	< Prev	1 Next >
MR	Not Configured Phone	E Lines Extens	wii*	Label.	Line Active.		
Ring Groups	Configure the Selected Ph		🖌 Sa	we 🔀 Cancel		4 Show: 1-4	View: 15
Queues	ID 10	MAL ADDRESS		Manufacturer		Phone Type	
Conferences	E 1	00268b01c432		Escene		192.168.5.41	-
Inbound Routes	2	00268b013918		Escene		192.168.5.42 192.168.5.45	
Audio Settings	4	00268501138f 00268501105c		Escene		192.168.5.45	-



When you click 'save' button, there will be a window popup, you can click OK to reboot the IP phone directly to take effect, if you click 'No', you can reboot the IP phone manually to take effect.



Extensions	Phone Provisioning					
EXSMolP Extensions						
	General Settings for Yealink General Settings for Aastra	A dd Dhana				
Trunks	Seneral Settings for Aastra Ph	Add Phone				
		hone now? Click 'OK'	to save the changes and reboot.	click 'Cancel' to save the cha	inges without rebooting.	
Physical Trunk						
VolP Trunk	*					1 Show: 1-1 View: 15
					K Annulla	
Outbound Routes	L 1 0004133463B	Z Line1	Extension: 501 -	Label: 501	Line Active:	
Speed Dial Settings		Line2	Extension:	Label:	Line Active:	
		Line3	Extension:	Label:	Line Active:	< Prev 1 Next
IVR	Not Configured Phone	Lines	Extension:	Laber.		1
	Configure the Selected Ph		Sav	e Cancel		4 Show: 1-4 View: 15
Ring Groups	Contraction and a second secon					rnone Type
Ring Groups Queues		MAL Addres				
Queues	- ID	MAC Addres		Escene		192.168.5.41
	ID.		2 8			

Figure 10

Click 'Apply the changes' to take effect in MyPBX. You can see the recorded here directly.

MyPBX				Stat	us Syste		Reports	Addons	Logout
Extensions	Phone Provision	oning							Apply Changes
FXSVoIP Extensions	General Sett	ings for Yealink							
Phone Provisioning	General Sett	ings for Aastra							
Trunks	Phone Book								
Physical Trunk	Configured P	Phone							
VolP Trunk	+ Add Phor	ne 🚺 Add Bulk F	Phones Configure	the Selected Phones	X Delete the Se	elected Phones	Tota	al: 2 Show: 1-2	View: 15 ·
Outbound Call Control	🔲 ID	MAC Address	Manufacturer	Phone Type	Name	Extension	Enabled		
Outbound Routes	1	002688013918	Escene	ES320	Massimo	501	Yes	R	X
Speed Dial Settings	2	0004133463B1	Snom	snom300	506	506	Yes		X
Inbound Call Control								< Prev	1 Next >
IVR								< Play	INGYL >
Ring Groups	Not Config	ured Phone							
Queues	Configure	the Selected Phones	Refresh				Tota	al: 3 Show: 1-3	View: 15 •
Conferences	E 10) MA	C Address	Manufactur	er	IP Addre	355	Phone	Туре
Inbound Routes	1		58b01c432	Escene		192.168.5			
Audio Settings	2		68601138f 58601105c	Escene		192.168.5		-	
Basic Settings									
Advanced Settings	🔶 Upload a	file						< Prev	1 Next >

Figure 11

You can also configure the IP phone to download the configuration from MyPBX directly if you are sure the configuration files has been uploaded or created in MyPBX side. In this example, the IP address of MyPBX is 192.168.5.40





Figure 12

<Finish>

