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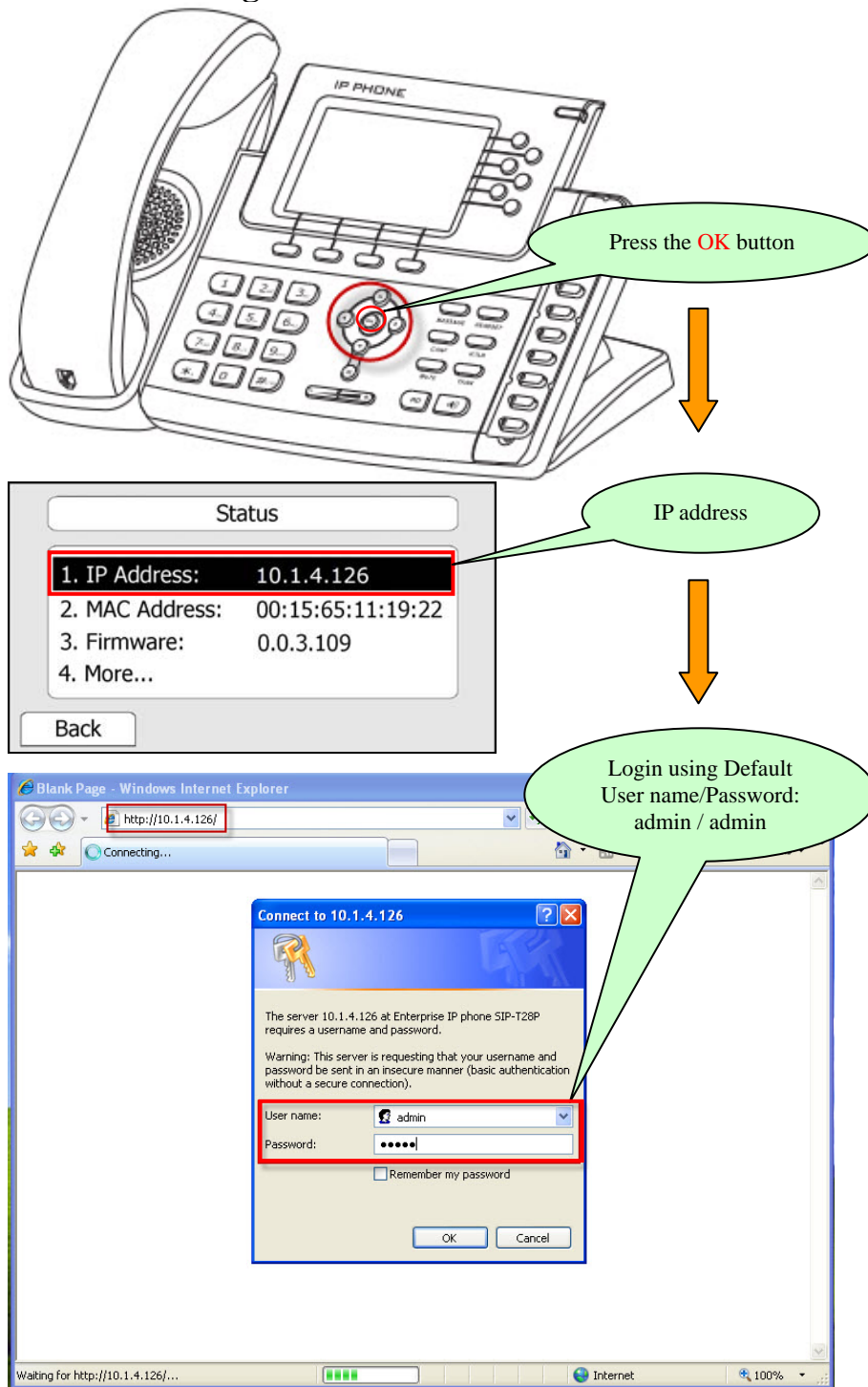
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1. Requirements and Preparation

- Asterisk Software 1.4.x.x or higher.
- Software image x.42.x.x or higher running on the Yealink IP Phone.

2. Configure Yealink IP Phone

2.1 Login to WEB management



2.2 Configure the Account Settings

① Select "Account"

② Select one Account

③ Active Account

④ Fill in these fields

⑤ Voicemail code

check Note

After entering the above settings, Account1 will be available to make calls.

Note : If the SIP server is behind a NAT, you should enable "NAT Traversal" as "STUN" and then specify a STUN Server. For more details about STUN, please refer to <http://www.voip-info.org/wiki/view/STUN>. To learn about NAT, you should refer to <http://www.voip-info.org/wiki/view/NAT+and+VOIP>

2.3 Configure the DSS Key as BLF

① Select "Phone"

② Select "DSS Key"

③ Select "BLF"

④ Select the right line

⑤ Extension number

⑥ Pickup code

Key	Type	Mode	Line	Expansion	Pickup Number
DSS Key 1	BLF	Conference	Line 1	101	*8
DSS Key 2	N/A	Conference	Line 1		
DSS Key 3	N/A	Conference	Line 1		
DSS Key 4	N/A	Conference	Line 1		
DSS Key 5	N/A	Conference	Line 1		
DSS Key 6	N/A	Conference	Line 1		
DSS Key 7	N/A	Conference	Line 1		
DSS Key 8	N/A	Conference	Line 1		
DSS Key 9	N/A	Conference	Line 1		
DSS Key 10	N/A	Conference	Line 1	*9315	

NOTE

Key Type
The free function key "Types" Speed Dial, BLF, Key Event, Intercom, URL.

Key Event
Key events are predefined shortcuts to phone and call functions.

Intercom
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

URL
This key function allows you to send HTTP requests to a web server.

Confirm Cancel

After entering the above settings, DSS Key1 is ready as BLF for Line 1, monitoring Extension 101. When there's an incoming call on 101, DSS Key1 will flash red and you can directly press it to pick up the call.

2.4 Configure the DSS Key as Call Park

① Select "Phone"

② Select "DSS Key"

③ Select "KeyEvent"

④ Select "Call Park"

⑤ Select the right line

⑥ Park code + parking orbit

Key	Type	Mode	Line	Expansion	Pickup Number
DSS Key 1	BLF	Conference	Line 1	101	*8
DSS Key 2	KeyEvent	Call Park	Line 1	70	
DSS Key 3	N/A	Conference	Line 1		
DSS Key 4	N/A	Conference	Line 1		
DSS Key 5	N/A	Conference	Line 1		
DSS Key 6	N/A	Conference	Line 1		
DSS Key 7	N/A	Conference	Line 1		
DSS Key 8	N/A	Conference	Line 1		
DSS Key 9	N/A	Conference	Line 1		
DSS Key 10	N/A	Conference	Line 1	*9315	

NOTE

Key Type
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

BLF
The button can be configured Busy Line Function with a pickup number. This button can be used to pick up the sip.

Key Event
Key events are predefined shortcuts to phone and call functions.

Intercom
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

URL
This key function allows you to send HTTP requests to a web server.

Confirm Cancel

After entering the above settings, DSS Key2 is ready as Call Park for Line1.

An active call can be parked by pressing DSS Key2 during your conversation.

2.5 Configure the DSS Key as Intercom

The screenshot shows the Yealink web interface for configuring a DSS Key. The 'Phone' tab is selected in the top navigation bar. Under the 'DSS Key' sub-menu, the 'DSS Key' option is highlighted. A table of DSS keys is displayed, with the following data:

Key	Type	Mode	Line	Expansion	Pickup Number
DSS Key 1	BLF	Conference	Line 1	101	*8
DSS Key 2	KeyEvent	Call Park	Line 1	70	
DSS Key 3	Intercom	Conference	Line 1	*80105	
DSS Key 4		Conference	Line 1		
DSS Key 5		Conference	Line 1		
DSS Key 6		Conference	Line 1		
DSS Key 7	N/A	Conference	Line 1		
DSS Key 8	N/A	Conference	Line 1		
DSS Key 9	N/A	Conference	Line 1		
DSS Key 10	N/A	Conference	Line 1	*9315	

Callouts in the image indicate the following steps:

- Select "Phone"
- Select "DSS Key"
- Select "Intercom"
- Select the right line
- Intercom code + extension

Additional information on the right side of the interface includes a 'NOTE' section with definitions for Key Type, BLF, Key Event, Intercom, and URL.

After entering the above settings, DSS Key3 will work as an Intercom key Line1.

3. Auto-configure Yealink Phone

Please refer to Yealink Document [Auto Provision Manual](http://www.yealink.com/fae/Auto Provision Manual.rar):
<http://www.yealink.com/fae/Auto Provision Manual.rar>

4. Configure Asterisk

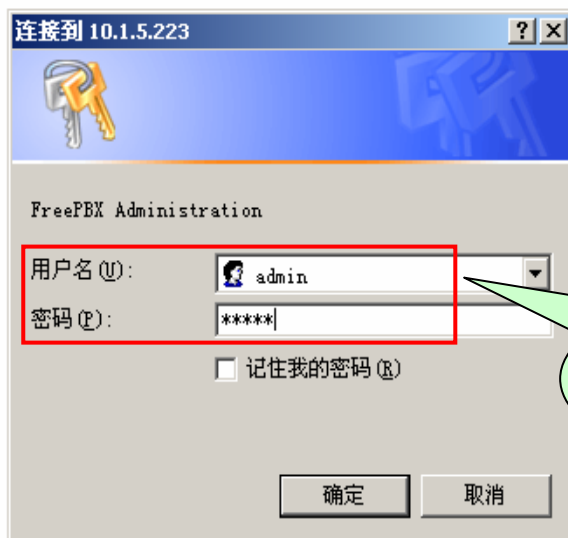
4.1 Login to Asterisk



[Voicemail & Recordings \(ARI\)](#)

[Flash Operator Panel \(FOP\)](#)

[FreePBX Administration](#)



① Click
FreePBX Administrator

② Default login
Username / PWD:
admin / admin

4.2 Add an Extension

FreePBX System Status

FreePBX 2.5.2.2 on 10.1.5.223

Admin | Reports | Panel | Recordings | Help

Setup | Tools

Admin

- FreePBX System Status
- Module Admin
- 2.6 Upgrade Tool
- Basic
- SIPSTATION
- Extensions**
- Feature Codes
- General Settings
- Outbound Routes
- Trunks
- Administrators
- Inbound Call Control
- Inbound Routes
- Zap Channel DIDs
- Announcements
- Day/Night Control
- Follow Me
- IVR
- Queue Priorities

FreePBX Notices

- There are 49 modules available for online upgrades
- Could not reload FOP server
- Default Asterisk Manager Password Used
- Memory Limit Changed
- 56 New modules are available
- No IP address for online update checks

show all

FreePBX Statistics

Total active calls	0
Internal calls	0
External calls	0
Total active channels	0

FreePBX Connections

IP Phones Online	0
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Add an Extension

Please select your Device before clicking Submit

Device

Device

Submit

FreePBX® Let Freedom Ring™

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FreePBX 2.6.0alpha0 is licensed under GPL

FreePBX
FreePBX 2.5.2.2 on 10.1.5.223

Add SIP Extension

Add Extension

User Extension: 201
Display Name: 201

3 Enter Extension number / Display Name

secret: 201

4 Enter secret number

Status: Enabled

5 Enabled Voicemail enter VoiceMail PWD

Email Attachment: yes no

6 Select Yes

VmX Locator™: Enabled

Use When: unavailable busy

Voicemail Instructions: Standard voicemail pro

7 Select & Tick

Submit

8 Click Submit

Apply your settings and account 201 is established.

4.3 Configure Parking Lot

The screenshot shows the FreePBX administration interface. The left sidebar contains a menu with 'Parking Lot' highlighted in red. The main content area is titled 'Parking Lot Configuration' and includes a 'Parking Lot Options' section. In this section, 'Enable Parking Lot Feature' is checked and highlighted with a red box, and 'Parking Lot Extension' is set to '70'. Below this, there are fields for 'Number of Slots' (8), 'Parking Timeout' (45 seconds), and 'Parking Lot Content' (parkedcalls). Further down, there are radio button options for 'Terminate Call', 'Extensions', 'Conferences', 'IVR', and 'Phonebook Directory'. An orange arrow points from the 'Parking Lot' menu item to the 'Enable Parking Lot Feature' checkbox. A green callout bubble with a circled '2' points to the 'Enable Parking Lot Feature' checkbox and contains the text 'Enable Parking Lot Feature' and 'Enter Parking Lot Extension'.

Appendix

1. Default Basic Dial Code on Asterisk System

Voice Mail (VMail)	*97
Call Park	70
Callpark Retrieve	71
Intercom	*80

Reference

- ◆ <http://en.wikipedia.org/wiki/Asterisk>
- ◆ www.yealink.com