

User's Manual



Gigabit Color LCD HD PoE IP Phone (4-Line)

▶ VIP-6040PT



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CE mark Warning

As this is a class B device, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Energy Saving Note of the Device

This power required device does not support standby mode operation. For energy saving,

please remove the DC-plug or push the hardware Power Switch to OFF position to disconnect the device from the power circuit.

Without removing the DC-plug or switching off the device, the device will still consume power from the power circuit. In view of Saving the Energy and reducing the unnecessary power consumption, it is strongly suggested to switch off or remove the DC-plug from the device if this device is not intended to be active.

WEEE Warning



To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the  crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

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Revision

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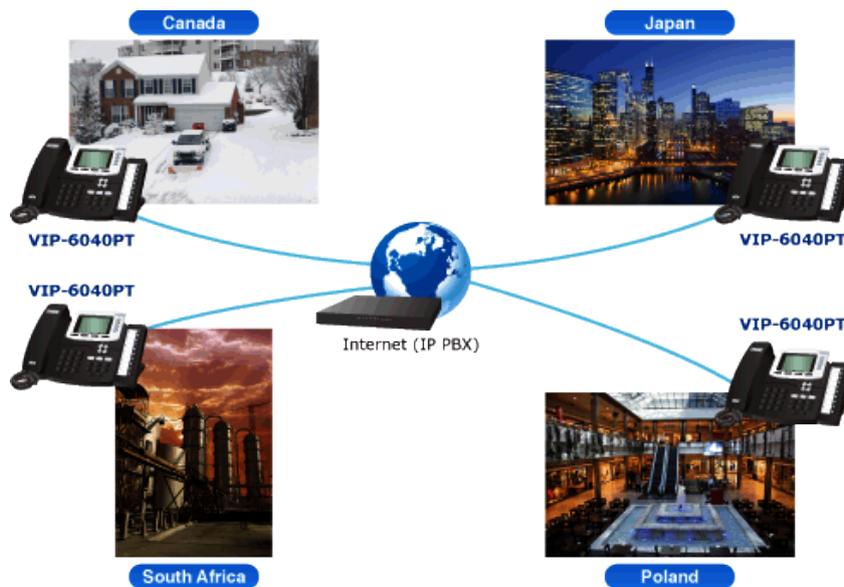
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1 Introduction



Cost-effective, High-performance PoE VoIP Phone

To build high-performance VoIP communications at a low cost, PLANET has launched a new member of its IP Phone family, the VIP-6040PT enterprise-class 4-Line PoE IP Phone. It complies with IEEE 802.3af PoE interface for flexible deployment. The VIP-6040PT makes it simple for the enterprise featuring voice and data system or expanding voice system to new locations. It helps the company to save money on long-distance calls; for example, the remote workers can dial in through a Unified VoIP Communication System just like an extension call but no long-distance call charge would occur. The VIP-6040PT also allows call to be transferred to anyone at any location within the voice system, which enables the enterprise to communicate more effectively and is helpful to streamline business processes.



Free Call to all over the World

Color Screen

The VIP-6040PT is an innovative enterprise-level Color IP Phone, through which user can use photo caller ID function (upload photo of an extension user) to easily identify the user. Its sleep mode can auto-switch the photo the user wants , making the communication between the users colorful.



Digital Picture Frame Mode

Enjoy the World of Colors with Color Screen!

High-quality HD VoIP Voice

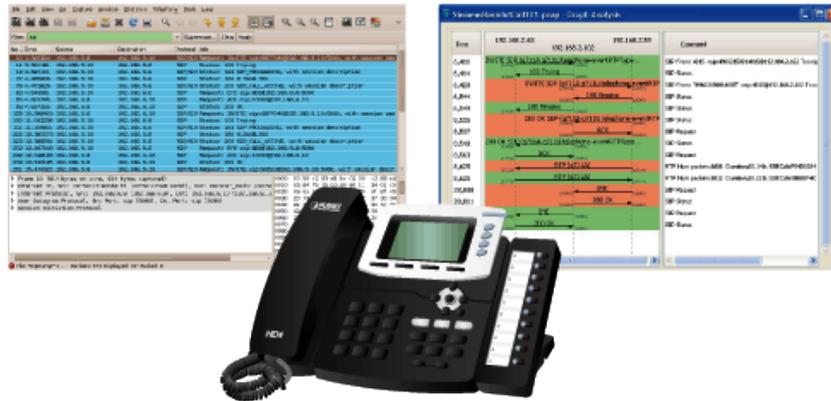
The VIP-6040PT delivers HD voice where both hardware and software HD functions (G.722, HD Codec, HD speaker) are supported, and its HD handset is the next-generation of voice quality for telephony audio, making the quality of voice better than that (toll quality) of the standard digital telephony and even close to that of a room conversation. HD voice is transmitted in the audio frequency range of 50Hz to 7kHz or higher over telephone lines, resulting in higher quality voice and clearer communication.



Standard Compliance

The VIP-6040PT supports Session Initiation Protocol 2.0 (RFC 3261) for easy integration with general voice over IP system. The VIP-6040PT is able to broadly interoperate with equipment provided by VoIP infrastructure providers, thus enabling them to provide their customers with better multi-media exchange services.

Compliant with standard SIP RFC 3261



Enhanced, Full-Featured Business IP Phone

The VIP-6040PT is a full-featured enhanced business IP Phone that addresses the communication needs of the enterprises. It provides 4 voice lines and dual 10/100/1000Mbps Ethernet. Furthermore, the VIP-6040PT delivers user-friendly design containing a 480 x 320 LCD with color LCD.

The VIP-6040PT supports all kinds of SIP-based phone features including 5-way conferencing, Transfer (blind/attended), Phonebook, Black list XML, LDAP Phonebook, Screen Sleep, SMS / Voicemail / Message Waiting, Ring Tone Selection/ Import / Delete, STUN, UPnP and SNMP, among others. Besides office use, the VIP-6040PT is also the ideal solution for VoIP service offered by Internet Telephony Service Provider (ITSP).



Secure, High-quality VoIP Communication

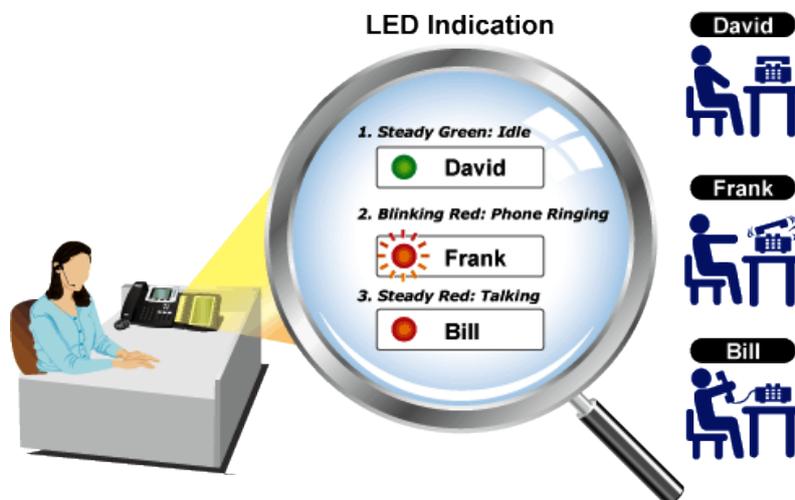
The VIP-6040PT can effortlessly deliver secured toll voice quality by utilizing cutting-edge 802.1pq QoS (Quality of Service) and 802.1pq VLAN tagging. Using voice and data VLAN can easily separate the data and voice, thus maintaining the best quality.



Professional Application

The VIP-6040PT supports Busy Lamp Field (BLF) function that, via the lights on the phone, enables users to easily identify the status of other phones which are connected to the same IP PBX, such as busy, idle, ringing, etc. The connected IP PBX must also support BLF feature. The BLF function is helpful for a receptionist on the front desk to route all incoming calls smoothly.

BLF (Busy Lamp Field)



1.1 Features

➤ Highlights

- Dual 10/100/1000 Gigabit Ethernet
- Supports SIP 2.0 (RFC3261)
- 5-way Conferencing
- IEEE 802.3af Power over Ethernet compliant
- Color screen and sleep mode
- Supports HD voice
- Supports Bridged Line Appearance (BLA) and Busy Lamp Field (BLF)
- Supports 6 extension consoles; max. 240 definable keys
- Phonebook / Black list XML /LDAP Phonebook
- VLAN QoS (802.1pq)
- TR069 / SNMP
- Multiple Languages

➤ Voice Features

- HD wideband codec: G.722, HD Codec, HD speaker, HD handset
- Full-duplex speakerphone with AEC
- G.711u/a-law, G.723.1, G.726, G.729A/B.
- DTMF (In-Band, RFC2833, SIP Info)
- Acoustic Echo Cancelation (AEC), Acoustic Gain Control (AGC)
- Voice Activity Detection (VAD), Comfort Noise insertion

➤ Security Features

- HTTPS Server/Client
- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS
- VLAN QoS (802.1pq)

➤ Telephone Features

- TCP, UDP, ICMP, RARP, ARP, DNS, NTP,SNTP, STUN, UPnP, SNMP
- 4 VoIP Accounts
- Menu-driven user interface, XML Idle Screen, Theme,
- Screen Sleep
- Call hold, Call waiting, Call forward, Call return,
- Redial, Call transfer
- Caller ID display, DND, Auto-answer

- 5-way Conferencing
 - Mute, Speed dial, SMS, Voicemail, Message Waiting
 - Indication (MWI) LED, Call history
 - BLF / BLA
 - Tone scheme, Volume control
 - Ring tone selection/Import/Delete
 - Broad and Deep Interoperability
 - Soft keys programmable
 - Phonebook, Black list XML / LDAP Phonebook
- **Network Protocols**
- TCP, UDP, ICMP, RARP, ARP, DNS, NTP,SNTP, STUN, UPnP, SNMP
 - Static / DHCP / PPPoE
 - TFTP / DHCP / PPPoE client
 - Telnet / HTTP/ HTTPS server
- **Maintenance and Management**
- Auto-provision via FTP/TFTP/HTTP/HTTPS
 - Upgrade via Browser/Phone/Auto-provision
 - TR069

1.2 Application



Enterprise IP PBX Deployment of VIP-6040PT

1.3 Product Specifications

Product	VIP-6040PT
Hardware	
Lines (Direct Numbers)	Gigabit Color LCD HD PoE IP Phone (4-Line)
Display	3.5" TFT-LCD, 480 x 320 pixel, 262K colors
Feature Keys	Keys: 47 keys including 14 programmable keys
Network Interfaces	2 x 10/100/1000Base-T RJ-45 Auto Negotiation, Auto MDI, Network-port with 802.3af PoE support Handset: 1 RJ9 (4P4C) Headphone: 1 RJ9 (4P4C)

Protocols and Standard	
Data Networking	<p>MAC Address (IEEE 802.3)</p> <p>IPv4 (RFC 791)</p> <p>Address Resolution Protocol (ARP)</p> <p>DNS: A record (RFC 1706), SRV record (RFC 2782)</p> <p>Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)</p> <p>Internet Control Message Protocol (ICMP) (RFC 792)</p> <p>TCP (RFC 793)</p> <p>User Datagram Protocol UDP (RFC 768)</p> <p>Real-time Protocol RTP (RFC 1889, 1890)</p> <p>Real-time Control Protocol (RTCP) (RFC 1889)</p> <p>Differentiated Services (DiffServ) (RFC 2475)</p> <p>Type of service (ToS) (RFC 791, 1349)</p> <p>VLAN tagging 802.1p Layer 2 quality of service (QoS)</p> <p>Simple Network Time Protocol (SNTP) (RFC 2030)</p> <p>Backward compatible with RFC 2543</p> <p>Session Timer (RFC 4028)</p> <p>SDP (RFC 2327)</p> <p>NAPTR for SIP URI Lookup (RFC 2915)</p>
Voice Gateway	<p>SIPV2,</p> <p>SDP (RFC 2327), RTP (RFC 1889,1890), RTCP</p> <p>RFC 2833 X-NSE Tone Events for SIP/RTP, AVT Tone Events for SIP/RTP</p>
Function	
Voice Codec	<p>HD wideband codec: G.722. HD Codec, HD speaker, HD handset</p> <p>Full-duplex speakerphone with AEC</p> <p>G.711u/a-law, G.723.1, G.726, G.729A/B.</p> <p>DTMF (In-Band, RFC2833, SIP Info)</p> <p>Acoustic Echo Cancelation (AEC)</p> <p>Acoustic Gain Control (AGC)</p> <p>Voice Activity Detection (VAD)</p> <p>Comfort Noise insertion</p>
Security	<p>HTTPS Server / Client</p> <p>Transport Layer Security (TLS)</p> <p>SRTP (RFC3711), SIPS</p> <p>VLAN QoS (802.1pq)</p>

Telephone Features	<p>4 VoIP Accounts</p> <p>Menu-driven user interface, XML Idle Screen, Theme, Screen Sleep</p> <p>Call hold, Call waiting, Call forward, Call return, Redial, Call transfer</p> <p>Caller ID display, DND, Auto-answer, 5-way Conferencing</p> <p>Mute, Speed dial, SMS, Voicemail, Message Waiting Indication (MWI) LED, Call history</p> <p>BLF / BLA</p> <p>Tone scheme, Volume control</p> <p>Ring tone selection / Import / Delete</p> <p>Broad and Deep Interoperability</p> <p>Soft keys programmable</p> <p>Phonebook, Black list XML/LDAP Phonebook</p>
Network Protocol	<p>TCP, UDP, ICMP, RARP, ARP, DNS, NTP,SNTP, STUN, UPnP, SNMP</p> <p>Static / DHCP / PPPoE</p> <p>TFTP / DHCP / PPPoE client</p> <p>Telnet / HTTP / HTTPS server</p>
Management	<p>Auto-provision via FTP / TFTP / HTTP / HTTPS</p> <p>Upgrade via Browser / Phone / Auto-provision</p> <p>TR069</p>
Environments	
Power Requirements	<p>5V DC, 1.2 A</p> <p>IEEE 802.3af Power over Ethernet</p>
Operating Temperature	<p>-10 ~ 50 degrees C</p>
Operating Humidity	<p>10 ~ 95% (non-condensing)</p>
Weight	<p>980 g</p>
Dimensions (W x D x H)	<p>268.5 x 240 x 40 mm</p>
Emission	<p>CE, FCC</p>
Connectors	<p>Two 10/100/1000BASE-T RJ-45 Ethernet ports</p> <p>Handset: RJ-9 connector</p> <p>Headphone: RJ-9 connector</p> <p>RJ-11 ext. connector (future feature)</p> <p>DC power jack</p> <p>Built-in speakerphone and microphone</p>

1.4 Physical specifications and packaging

Physical Specifications

➤ **Dimensions**

Dimensions (W x D x H)	268.5 x 240 x 40 mm
Net Weight	980g (without package)

BASIC PACKAGING

- SIP IP Phone Unit
- Quick Installation Guide
- RJ-45 Cable x 1
- Stand x 1
- Power Adapter

1.5 Keypad

➤ **Keypad, LED and function key definitions**



➤ **Keypad Description**

LCD Screen	To show all the information about the date & time, accounts, soft keys, messages, calls, etc.
Power Indicator LED	To indicate the power status
Line Keys	The phone supports up to 4 accounts 1. Steady green: idle interface, during a call 2. Blinking red: an incoming call
Soft Keys	Labels automatically to identify their context-sensitive features.
Navigation Keys	 1. OK.
	 Up arrow key: To selectively move up
	 Right arrow key: To selectively move right
	 Left arrow key: To selectively move left
	 Down arrow key: To selectively move down
	 1. To return to idle screen. 2. To cancel the information or call on the screen.
Mute Key	1. To mute the voice during the call (green light). 2. To un-mute the call.
Conference	 To place a conference call
Memory Keys	To be configured as different function as: 1. Line 2. Speed Dial 3. BLF 4. BLF List 5. Voice mail 6. Direct Pickup 7. Group Pickup 8. Call Park 9. Intercom 10. DTMF 11. Prefix 12. Hold 13. Conference

		<p>14. DND 15. Redial 16. Transfer 17. SMS 18. Hot-desking 19. Call Return 20. Paging 21. Record 22. Shared Line</p> <p>The LED lights status when set as Shared line: Stay green: Idle Stay red: Busy Blinking green: Ring Back Blinking red: An Incoming Call Steady orange: During a Call Blinking orange: Public Hold Blinking green: Private Hold Light Drown: Unregistered</p>
Speaker		Press this button to place a call in hands-free mode.
Redial		To dial the previous dialed number. To act as send key.
Volume		To decrease the volume.
		To increase the volume.
Hold		To hold or to resume a call during a conversation.
Information		To show the account status and some other relevant information.
Transfer		To transfer a call to a third party. To enable or disable forward feature during the idle page.
Alphanumeric Keypad		To enter the phone numbers, letters and so on.
Message		To indicate the new message, and press to read.
Headset		To indicate that the phone is or not in headset mode.

Key Name	Function Description
LCD Screen	To show all the information about the date & time, accounts, soft keys, messages, calls, etc.
Power Indicator LED	To indicate the power status

Line Keys	<p>The phone supports up to 4 accounts</p> <ol style="list-style-type: none"> 1. Steady green: idle interface, during a call 2. Blinking red: an incoming call
Soft Keys	<p>Labels automatically to identify their context-sensitive features.</p>
Navigation Keys	<p> 1. OK.</p> <p> Up arrow key: To selectively move up</p> <p> Right arrow key: To selectively move right</p> <p> Left arrow key: To selectively move left</p> <p> Down arrow key: To selectively move down</p> <p> <ol style="list-style-type: none"> 1. To return to idle screen. 2. To cancel the information or call on the screen. </p>
Mute Key	<p> <ol style="list-style-type: none"> 1. To mute the voice during the call (green light). 2. To un-mute the call. </p>
Conference	<p> To place a conference call</p>
Memory Keys	<p>To be configured as different function as:</p> <ol style="list-style-type: none"> 1. Line 2. Speed Dial 3. BLF 4. BLF List 5. Voice mail 6. Direct Pickup 7. Group Pickup 8. Call Park 9. Intercom 10. DTMF 11. Prefix 12. Hold 13. Conference 14. DND 15. Redial 16. Transfer 17. SMS 18. Hot-desking 19. Call Return 20. Paging

		<p>21. Record</p> <p>22. Shared Line</p> <p>The LED lights status when set as Shared line:</p> <p>Stay green: Idle</p> <p>Stay red: Busy</p> <p>Blinking green: Ring Back</p> <p>Blinking red: An Incoming Call</p> <p>Steady orange: During a call</p> <p>Blinking orange: Public Hold</p> <p>Blinking green: Private Hold</p> <p>Light Drown: Unregistered</p>
Speaker		Press this button to place a call in hands-free mode.
Redial		To dial the previous dialed number. To act as send key.
Volume		To decrease the volume.
		To increase the volume.
Hold		To hold or to resume a call during a conversation.
Information		To show the accounts status and some other relevant information.
Transfer		To transfer a call to a third party. To enable or disable forward feature during the idle page.
Alphanumeric keypad		To enter the phone numbers, letters and so on.

➤ **Rear view and panel descriptions**



➤ **Keypad Description**

Port	Port name	Description
	Power switch	Input: 5V AC, 1.2 A
	Internet	10/100/1000Mbps Gigabit Ethernet port Connect it to Network
	PC	10/100/1000Mbps Gigabit Ethernet port Connect it to PC
	External console interface	(Future Feature)
	Headset	Port type: RJ-9 connector
	Handset	Port type: RJ-9 connector

PACKAGE INFORMATION

Dimensions (W x D x H)	290 x 210 x 125 mm
Weight	1.1 kg (gross weight)
Carton Dimensions (W x D x H)	595 x 375 x 225 mm
Carton Weight	7 kg (gross weight)
Carton Unit	6 pcs.

1.6 Default Setting

Default WAN IP	172.16.0.1
Default subnet mask	255.255.0.0
Default Gateway	172.16.0.254
Default PC IP	192.168.0.1
Default Login User Name	admin
Default Login Password	123

1.7 Icon Preview

Icon	Description
	Network available
	Network down
	Line (Registered successfully)
	Line (Unregistered)
	Line (Ringing)
	Speed Dial
	BLF
	BLF (Ringing)
	BLF (Talking)
	Speakerphone mode

	Handset mode
	Headset mode
	Voice messages
	Text message
	Mute
	Do Not Disturb
	Volume is 0
	Hold
	Dialed calls
	Received calls
	Missed calls
	Forward calls
	Conference
	Keypad locked
	Keypad unlocked
	Pick up
	Call Park
	Intercom/Paging
	DTMF
	Prefix

	XML Group
	Local Group
	XML Browser
	LDAP
	Broadsoft Group
	Conference
	Forward
	Transfer
	Hold
	Line on Hold
	DND
	Redial
	Call Return
	SMS
	Record
	Recording
	Group Listening
	Shared Line
	Other Functions

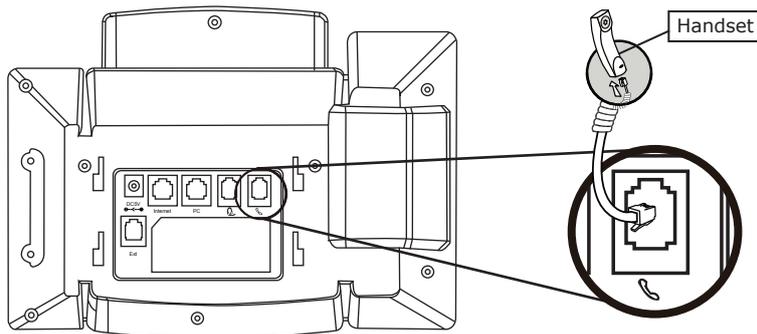
2 Initial Connection and Login

The package should contain the following items plus VIP-6040PT. If any item is missing or damaged, please contact the seller immediately.



Step 1. Handset Connection

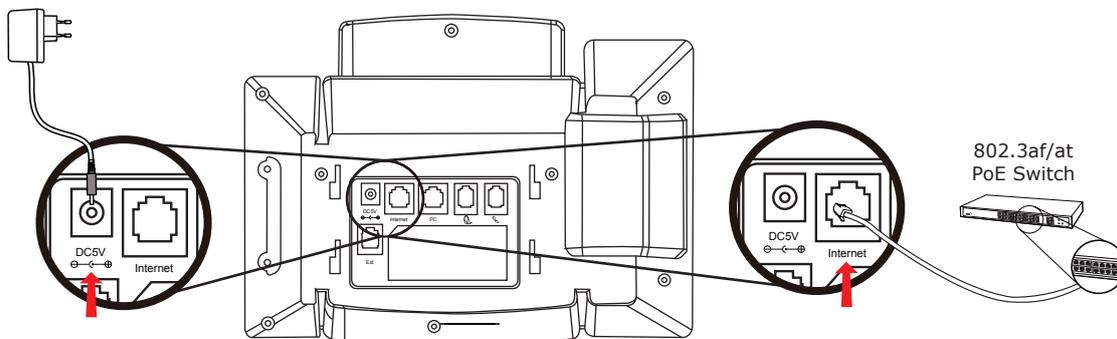
Plug one end of the handset cord into the handset and the other end into the handset jack.



Step 2. Connecting Power System

The VIP-6040PT can be powered either by its external AC/DC adapter or by connecting to an IEEE802.3af/at PSE device such as 802.3af injector / hub or 802.3af/at POE switch.

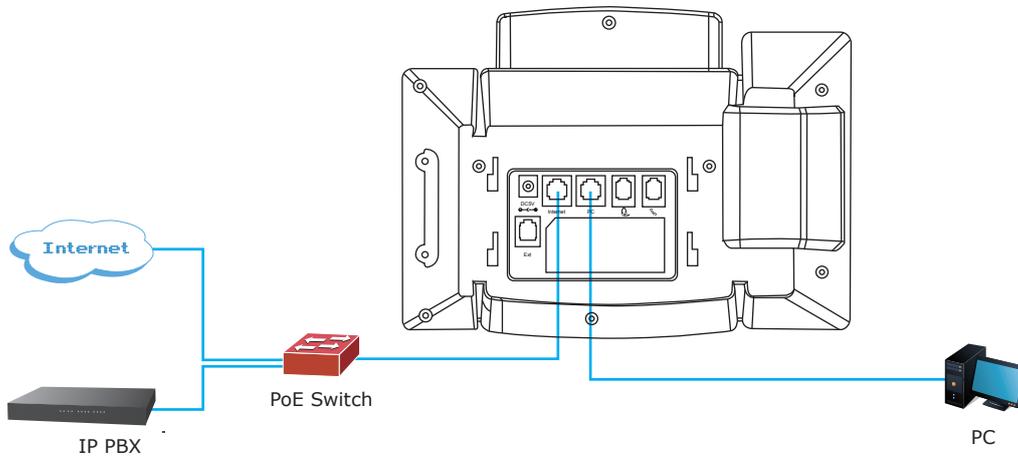
Once the VIP-6040PT is powered, the LCD screen will prompt for POST.



Note 1: This unit does not include the 5V/1.2A power adapter.

Note 2: Only Internet Port supports POE.

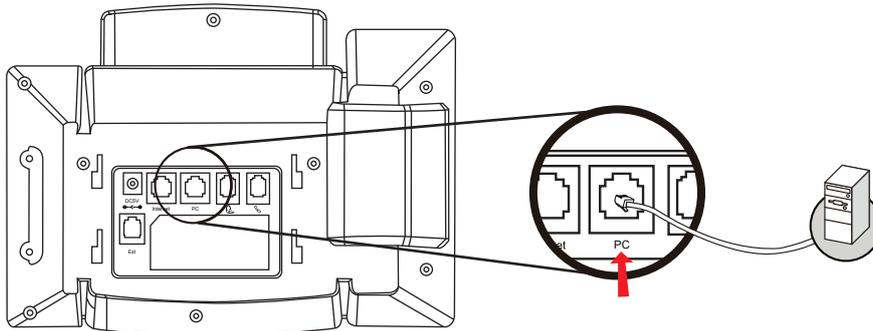
Step 3. Connecting Network



Step 4. Computer Network Setup

Set user computer's IP address to 192.168.0.x, where x is a number between 2 to 254 (except 1 where is being used for the phone by default). If user dose not know how to do this, please ask the network administrator.

Connecting user PC to the VIP-6040PT PC port.



Step 5. Login Prompt

Use Web browser (Internet Explorer 6.0 or above) to connect to 192.168.0.1 (type this address in the address bar of Web browser).

User'll be prompted to input user name and password: **admin** and **123**



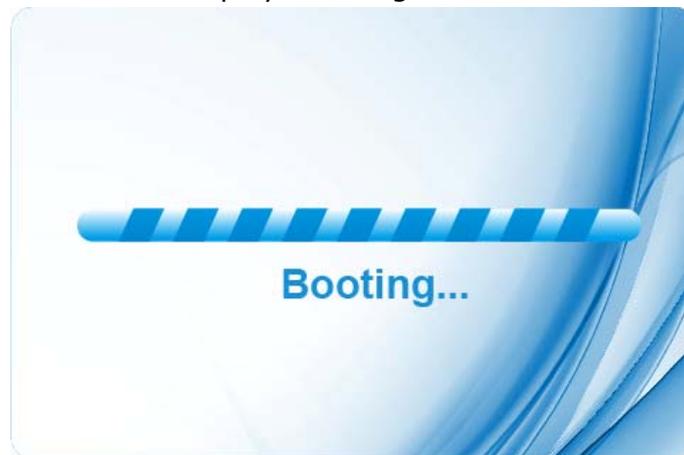
3 Initialization

3.1 Power on the VIP-6040PT

After user phone has been powered up, the system boots up and performs the following steps:

Automatic Phone Initialization

The phone finishes the initialization process by loading the saved configuration. The phone LCD screen will display "Booting"



And then shows "Planet Logo" during the initialization.



By default, the phone attempts to contact a DHCP server in user network in order to obtain its valid network settings, e.g. IP address, subnet mask, default gateway and DNS server.

3.2 Status

User can view the system status of user phone via phone user interface or web user interface. The information of phone status includes: Information (e.g., Model, IP, MAC, Firmware and Hardware), Network (e.g., WAN Type, IP, Mask, LAN Type, Gateway, DNS...) Account (e.g., register status of accounts)

To view the phone status via phone interface:

1. Press Menu →Status →Information...



2. Press Menu →Status →Network



3. Press Menu → Status → Account



To view the phone status via Web interface:

1. Login web page (For how to login, please refer to chapter 2 Initial Connection and Login)
2. View the information of Version, Account and Network.

PLANET Networking & Communication

Home | Account | Network | Function Keys | Setting | Directory | Management

[logout](#)

Status

- Version**

Product Model	VIP-6040PT
Firmware Version	BOOT--1.0.3.34(2014-03-21 14:30:00) IMG--1.0.3.62(2014-07-11 14:32:00) DSP--6.1.6(Patch 1.0.0)
- Account Status**

Account1	Disabled
Account2	Disabled
Account3	Disabled
Account4	Disabled
- Network**

WAN Port Type	Static IP
WAN IP Address	192.168.1.64
Subnet Mask	255.255.255.0
Gateway	192.168.1.254
Primary DNS	8.8.8.8
Secondary DNS	0.0.0.0
MAC Address	00:30:4f:99:16:97
Device Type	Router

NOTE

Version:
It shows product type and the version of firmware.

Account Status:
It shows the registered status of accounts.

Network:
It shows the information of WAN port and LAN ports.

System Up Time:
It shows the running time after device power up.

Restart:
This button will restart the voip application

3.3 Registration

To register via phone interface:

1. Press Menu → Setting → Advanced settings (default password:

- admin) → Accounts
2. Select the desired account
 3. Select Enable for Account active
 4. Fill out the SIP Server
 5. Fill out the Failover SIP server if needed (optional)
 6. Fill out the Outbound Proxy (optional)
 7. Fill out the SIP User ID and Authenticate ID
 8. Fill out the password, name (shown on LCD) and ringtone.
 9. Press Save to save the configuration.



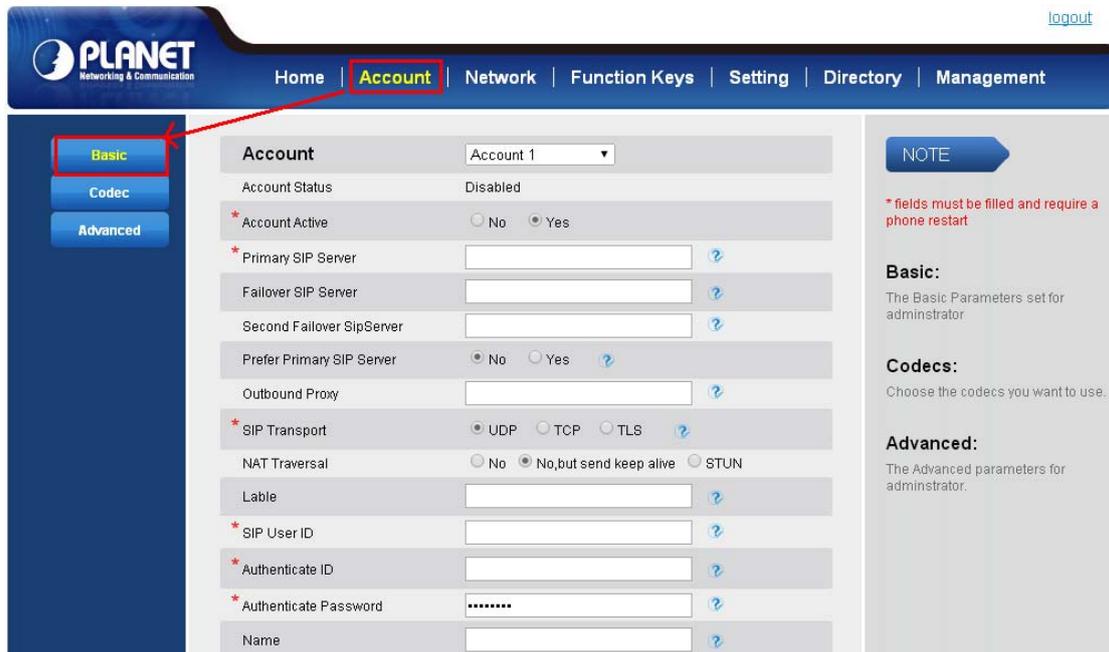
1. Account Active:	Enable	◀▶
2. SIP Server:	192.168.0.104	
3. Failover SIP Serv	255.255.255.0	
4. Outbound Proxy:	Bridge mode	
5. SIP User ID:		
6. Authenticate ID:		

Cancel Switch Save

To register via web interface:

1. Login web page and click Account→Basic
2. Select the desired Account
3. Select Yes for Account Activate
4. Fill out the Primary SIP Server and other account information.

5. Click **SaveSet** to save the configuration.




 Note

1. All fields with * must be filled. If changed, it requires a phone restart.
2. Account Status says whether the account is registered successfully or not.
3. When changing the account information via phone, it will show restart note when back to idle page.

3.4 Idle Screen



Field Name	Explanation
Date & Time	It shows the phone's time & date.
Notice	It shows the phone features status
Line Keys	This area shows the four line key labels. Line keys are also can be used as other function keys.
Soft Key	This area shows the soft key labels. The default soft key labels are "History", "Directory", "DND" and "Menu".
Default Account	This shows the current user account. User   can use to change the default user account.
Wallpaper	This shows the background picture. User can also change it.

3.5 LED Instruction

This part mainly instructs the LED status. The Power LED Status describes on the premise that the LED setting should all be set to Yes.

3.5.1 Power Indicator LED

LED Status	Description
Blinking green	Ringing or having missed call
Steady Green	Idle status(Power on)
Off	Powered off.

3.5.2 Line LED: (Line or Memory Key set as Line)

LED Status	Description
Steady Green	Hold
Steady Green	Off hook or during a conversation.
Blinking Red	Ringing.
Off	Idle status

3.5.3 BLF or BLF List Key LED: (Line/Memory Key set as BLF)

LED Status	Description
Steady Green	Idle status for the monitored line
Steady Red	The monitored line is calling or during a call
Blinking Red	The monitored line is ringing.
Off	All other unknown statuses

3.5.4 Shared Line Key LED: (Line/Memory Key set as Shared Line)

LED Status	Description
Stay green	Idle status
Stay red	The line is busy
Blinking green	Ring Back, Private hold
Blinking red	The line is ringing
Steady orange	During a Call
Blinking orange	Public Hold
Off	Unregistered

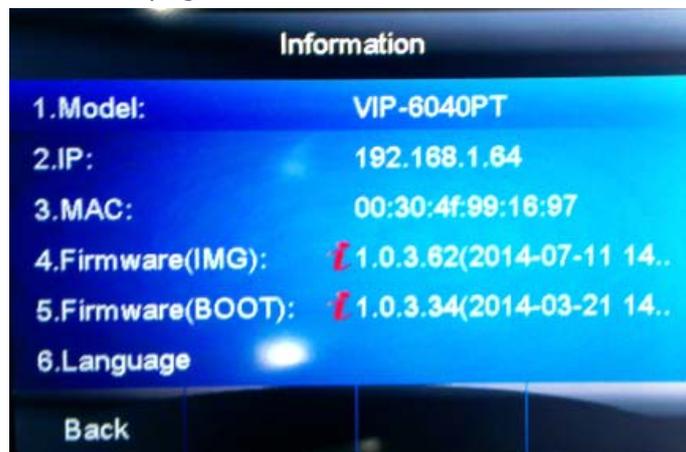
3.5.5 Other Key LEDs

LED Status	Description
Headset Key	When using in headset mode, the LED is steady green or the LED is off.
Message Key	When there is blinking green, it shows there are new messages or the LED is off.
Mute Key	It is red when the call is muted, or the LED is off.

3.6 Call Transfer Info Key Instruction

Info Key  plays many roles in this phone:

1. Go to the Information page.



2. Get the full information of the item with *i*, meaning the information is not in full display or there are more options for the item. Press the info key to get the

complete content or the prompt list for all options.



3. Fast access to the new missed or forward calls, New Voicemail or Text Message.



4. Get all other parties' information during a conference.



3.7 User Interface

There are two ways to customize specific configurations on user IP phone:

- The user interface on the IP phone
- The user interface in a web browser on user PC

The hardware components keypad and LCD screen constitute the phone user interface, which allows the user to execute all call operation tasks and basic configuration changes directly on the phone. In addition, user can use the web user interface to access all configuration settings. In many instances, it is possible to use both the phone user interface and the web user interface to operate the phone and change settings. However, in some instances, it is only possible to use the phone or the web user interface.

Phone Interface Overview

Option	
Status	Model
	IP
	MAC
	Firmware
	Hardware
	Network
	Account
Features	Call Forward
	Function Key(Line and Memory key setting)
	Key as Send
	Hot Line
	Anonymous Call
	DND
	History Setting
Basic Settings	Language
	Time & Date
	Time & Date Format
	DHCP Time
	Ring Tone
	Front Size
Advanced Settings	Account Registration
	Network
	Lock

Option	
	Factory Reset
	Password
	Auto provision
Directory	Add, view and delete
History	View and delete
Message	Voice Mail set and View.
Display	Display Mode
	Wallpaper
	Screensaver

4 Basic Setting Configuration

This part will mainly introduce the basic configuration as the Time, Language, and Volume.

4.1 Web Login

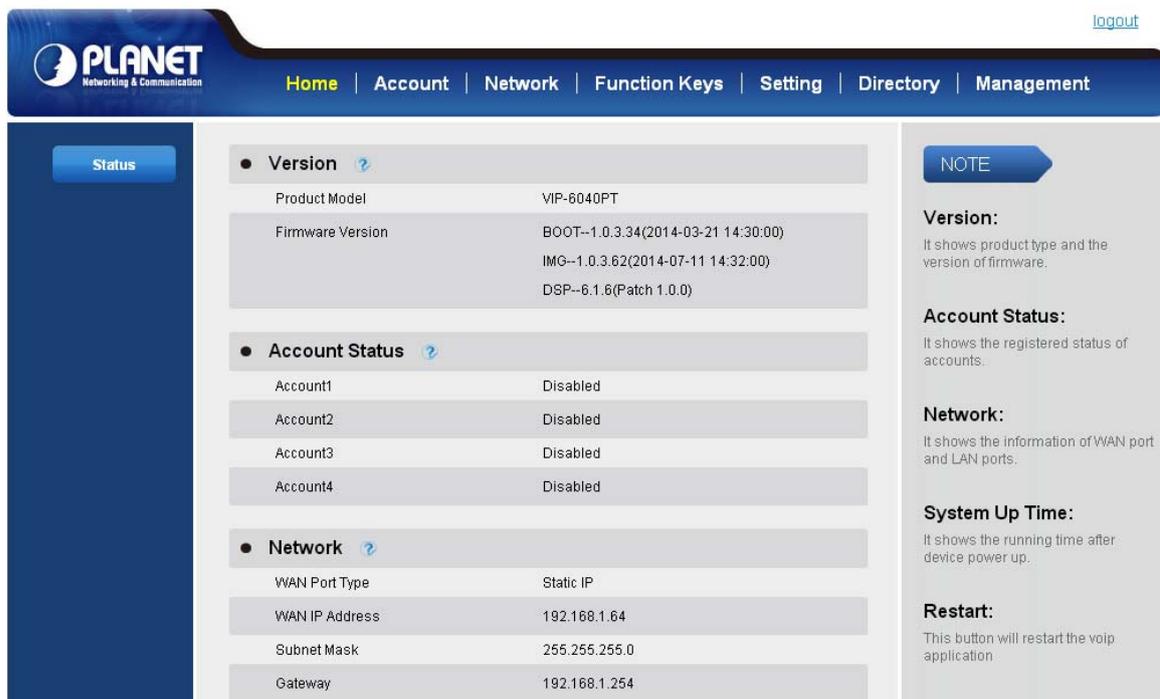
Get the IP address: Press Menu → Status → Information



Input the IP address in the web browser.

Input the user name (default is admin), password (default is 123).

Login successfully.



[logout](#)

PLANET Networking & Communication

Home | Account | Network | Function Keys | Setting | Directory | Management

Status

- Version**

Product Model	VIP-6040PT
Firmware Version	BOOT--1.0.3.34(2014-03-21 14:30:00) IMG--1.0.3.62(2014-07-11 14:32:00) DSP--6.1.6(Patch 1.0.0)
- Account Status**

Account1	Disabled
Account2	Disabled
Account3	Disabled
Account4	Disabled
- Network**

WAN Port Type	Static IP
WAN IP Address	192.168.1.64
Subnet Mask	255.255.255.0
Gateway	192.168.1.254

NOTE

Version:
It shows product type and the version of firmware.

Account Status:
It shows the registered status of accounts.

Network:
It shows the information of WAN port and LAN ports.

System Up Time:
It shows the running time after device power up.

Restart:
This button will restart the voip application.

 Note	The PC and phone should be in the same domain. When registering the accounts on the web and the server port is not "5060", then "SIP Server" should be set as "SIP Server's IP address: server port"; for example, "192.168.0.122: 5090".
---	---

4.2 Administrator Password

The password is mainly used for logging in the web interface or set the advanced settings through phone interface. And the default password of the administrator is: **admin**

To change password via Phone Interface

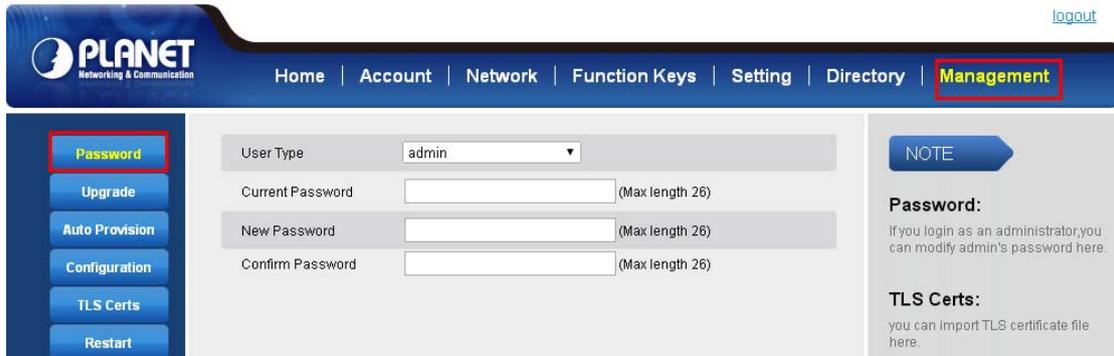
1. Press Menu → setting → Advanced settings → password (default admin) → Phone Setting → Set Password
2. Enter the current PWD (password), new password and confirm the new password.
3. Press save soft key or  to save the new password.



To change password via Web Interface

1. Management → Password
2. Fill out the value

3. Click  to save the configuration.





When user uses the web interface, default user name is admin and password is 123.

4.3 Basic Network Setting

Planet IP Phone supports three modes of Network: DHCP, Static, and PPPoE. When the default mode is DHCP, it will obtain IP address and other information automatically. If user phone cannot contact a DHCP server for any reason, you need to configure a static IP address manually.

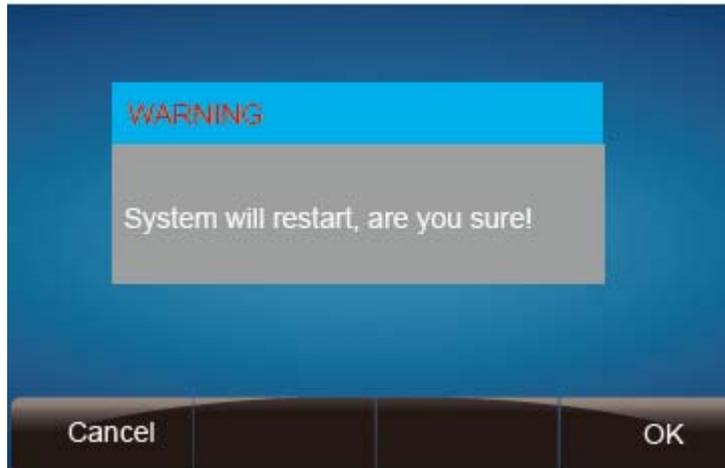
4.3.1 WAN Port

To configure a static IP address via phone interface:

1. Press Menu→Setting→Advanced Settings (password: 123) → Network → WANPort → Static mode.
2. Enter the parameters: IP, Netmask, Gateway, Pri. DNS (primary dns), sec. DNS (second DNS) in the corresponding fields.



3. Click Save and restart the phone.



Press the Save soft key to accept the change or the Back soft key to cancel. If you are using an xDSL modem, you can connect user phone to the Internet via PPPoE mode. You can set a WAN port to be a PPPoE port. The PPPoE port will perform a PPP negotiation to obtain the IP address. Contact user system administrator for the PPPoE user name and password.

To configure PPPoE via phone interface:

1. Press Menu→Setting→Advanced Settings (password: admin) →Network→WAN Port →PPPoE mode
2. Enter the User ID and password.
3. Click Save and restart the phone.

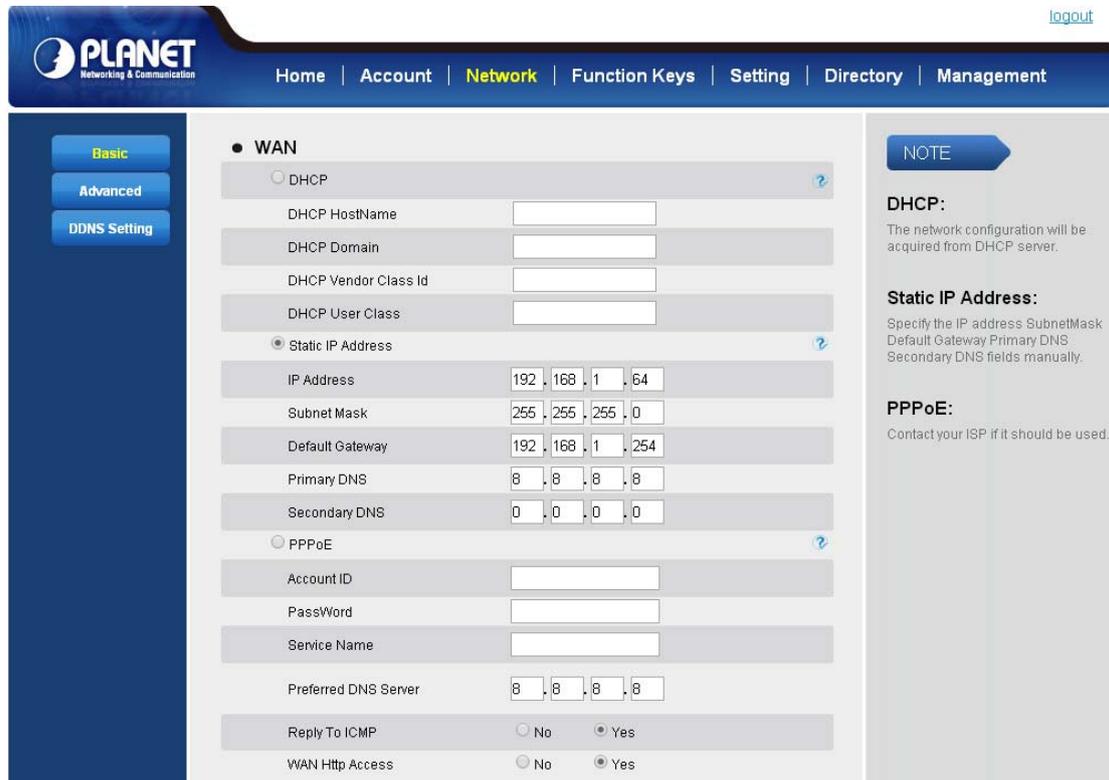


To configure DHCP via phone interface:

1. Press Menu→Setting→Advanced Settings (password: 123) →Network→WAN Port →DHCP mode
2. Click Save and restart the phone.

To configure Network via web interface:

1. Click Network→Basic
2. Select the desired Type: DHCP, Static or PPPoE.
3. Fill out the necessary information.
4. Click the Save Set and restart the phone.



NOTE

DHCP:
The network configuration will be acquired from DHCP server.

Static IP Address:
Specify the IP address SubnetMask Default Gateway Primary DNS Secondary DNS fields manually.

PPPoE:
Contact your ISP if it should be used.



Wrong network parameters may result in inaccessibility of user phone and may also have an impact on user network performance. For more information about these parameters, contact user system administrator.

4.3.2 PC Port

Two modes for PC port: bridge and router.

To configure PC Bridge via Phone interface:

1. Press Menu→Setting→Advanced Settings (password: admin) →Network→PC Port →Bridge mode.
2. Click Save and restart the phone.

To configure PC router via Phone interface:

1. Press Menu→Setting→Advanced Settings (password: admin) →Network→PC Port →Router mode.
2. Enter the IP, Network mask and DHCP server

3. Click Save and restart the phone.

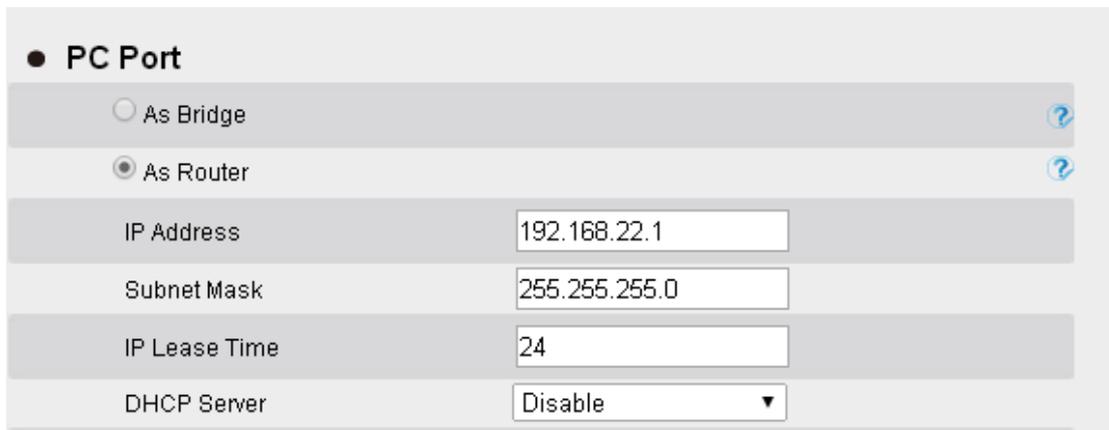
To configure Bridge via web interface:

1. Click Network→Basic
2. Select As Bridge
3. Click and restart the phone



To configure Router via web interface:

1. Click Network→Basic
2. Select As Router
3. Fill out the IP address and other necessary information.
4. Click and restart the phone



4.4 Display Mode

This phone supports two Display modes: Text and Icon.

Icon Mode: all items are shown the same as the main with Icon.

Text Mode: Only the 8th main item is shown as Icon; the others are described in text.

To Configure Display mode via phone interface:

1. Press Menu→ Display→Display Mode
2. Select Text or Icon

3. Press Save soft key to save the configuration.

To Configure Display mode via web interface:

1. Login web interface, and click Setting→ Preference

Customer Set User Agent	<input type="text"/>
Display Mode	<input type="radio"/> Icon Mode <input checked="" type="radio"/> Text Mode
Wallpaper	picture 4 ▼
Alert Internal Text	<input type="text"/>

2. Select Icon Mode or Text Mode for the Display mode
3. Click  to save the configuration.

4.5 Language

The default Phone interface language is English.

To change the language via Phone interface

1. Press Menu → Setting → Basic Settings → Language.





2. Press  or Save soft key to save the configuration.



To change the language via Web Interface

1. Setting → Preference → Web Language
2. Select the necessary one.
3. Press  to save the configuration.



 **Note** All languages may not be available for selection. The available languages depend on the language currently picked and loaded to the IP phone.

4.6 Time and Date

The time and date shown on the idle page can be set and changed by SNTP server automatically or manually.

To configure the time and Date by SNTP setting via phone interface

1. To press Menu → Setting → Basic setting → Time & Date → SNTP Settings
2. Press  or , or  to change the Time zone.
3. Fill out the NTP server1, NTP Server2, and Daylight Saving.
4. Press  or Save soft key to save the configuration.



 Note	<p>Press  and all the zones will on display. Select the one you want and press save or confirm key to save the configuration.</p>
---	--

To configure time and date manually via phone interface

1. To press Menu → Setting → Basic setting → Time & Date → Manual Settings
2. Press  and  or change the right time, or you can input the right time.

3. Press  or Save soft key to save the configuration.



To configure the Time & Date Format via phone interface

1. To press Menu → Setting → Basic setting → Time & Date Format
2. Press  and  or press  to change between 12 Hour or 24 Hour.
3. Press  and  or press  to change among Y-M-D (year-month-day), M-D-Y (month-day-year), D-M-Y (day-month-year).
4. Press  or Save soft key to save the configuration.



To configure the DHCP time via phone interface

1. To press Menu → Setting → Basic setting → DHCP time
2. Press  and  or press  to change between Disable and Enable.

3. Press  or Save soft key to save the configuration.

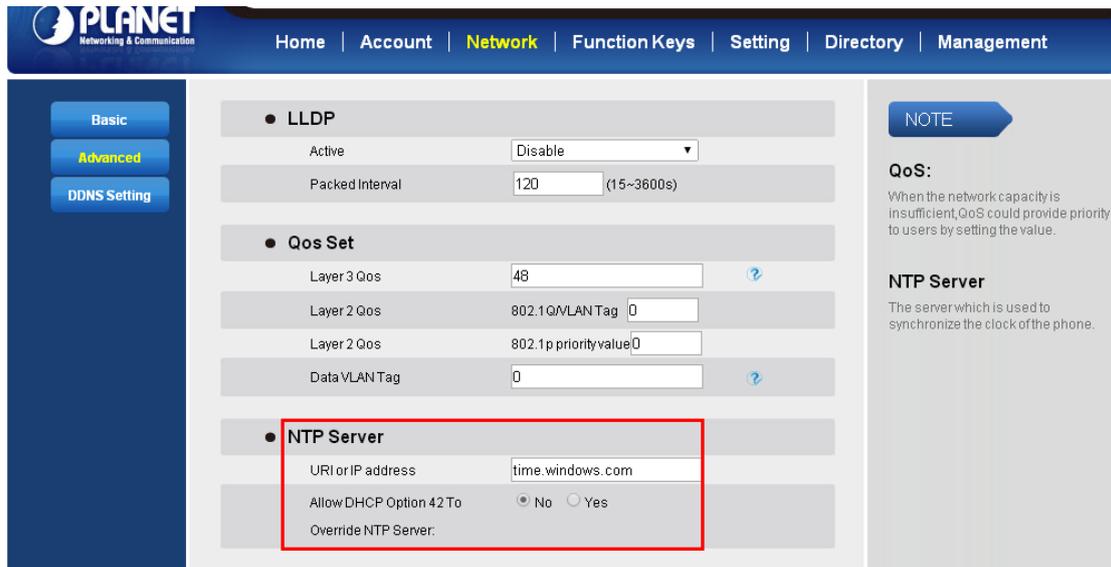


To configure the Time and Date by web interface

Login: Login name: admin; password: admin (default)

Network → Advanced → NTP Server

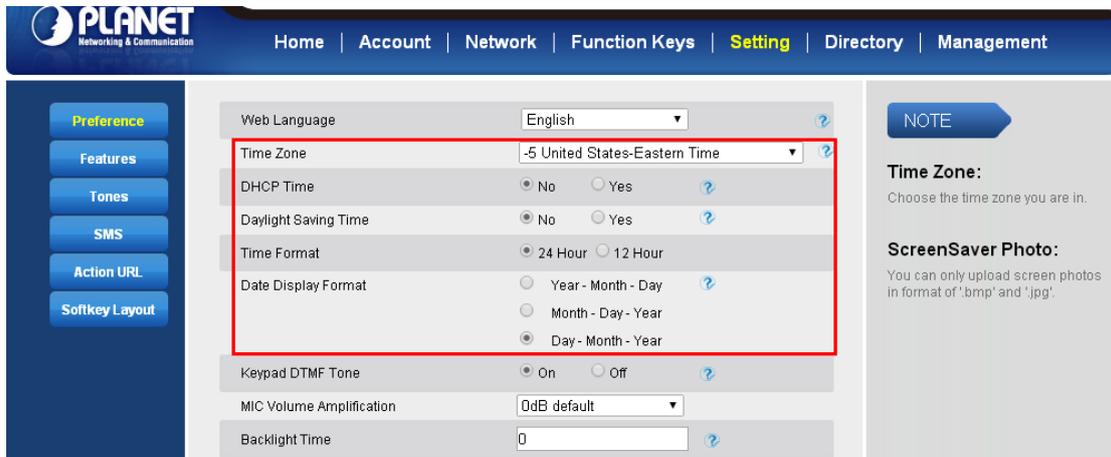
Fill out the value in the blank.



To change the Time Zone and Date Display Format via web interface

1. Setting → Preference → Time Zone
2. Select the necessary one.

3. Press  to save the configuration.



 Note: If the IP Phone cannot obtain the time and date from the Simple Network Time Protocol (SNTP) server, please contact your system administrator for more information.

4.7 Ring Tone

You can adjust the type and volume of the ring tone.

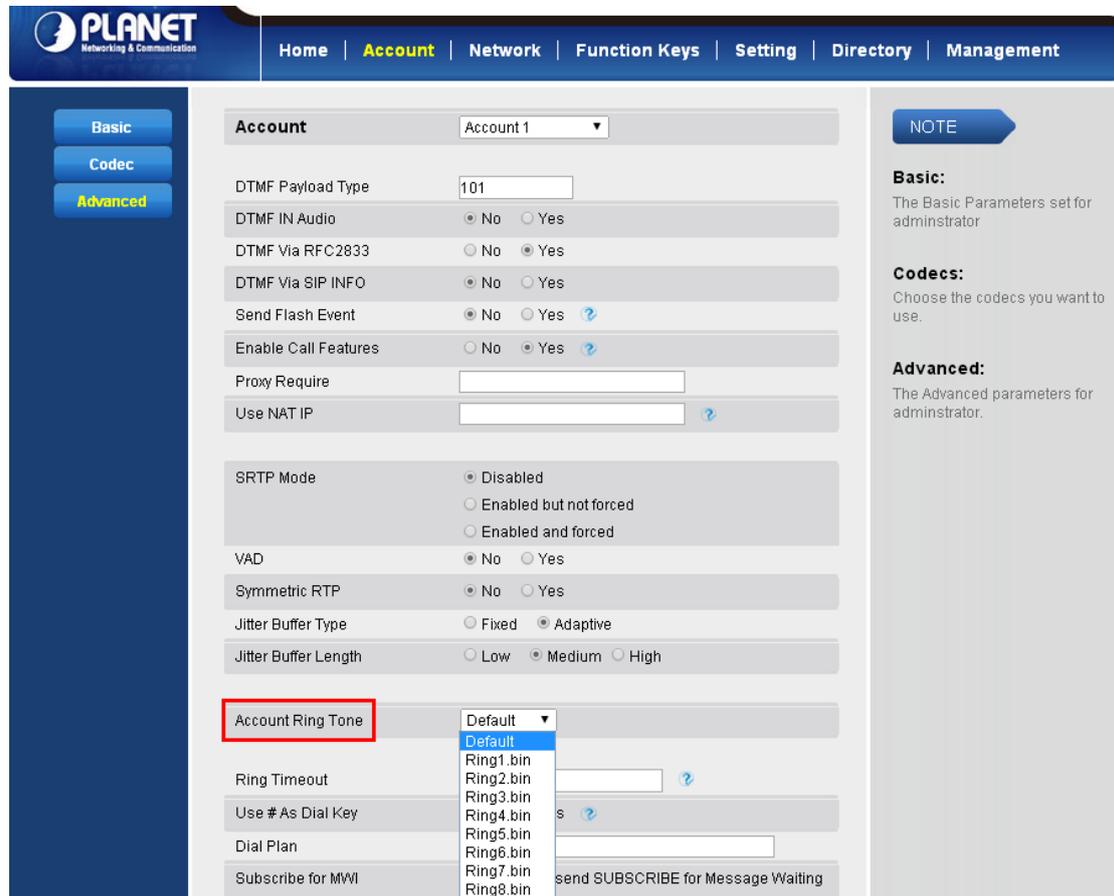
To adjust the Ring Tone Type via Phone interface:

1. Press Menu → Setting → Basic Settings → Ring Tone
2. Press  and  to select the favorite one.
3. Press  or Save soft key to save the configuration.



To adjust the Ring Tone Type via Web Interface

1. Account → Advanced → Account Ring Tone
2. Select the wanted one.
3. Click  to save the configuration.



To configure Distinctive Ring Tone via Phone Interface

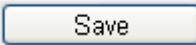
1. Press Directory
2. Select the target contact
3. Press Detail soft key to edit the contact.
4. Press  and  to select the wanted Ring Tone for the contact

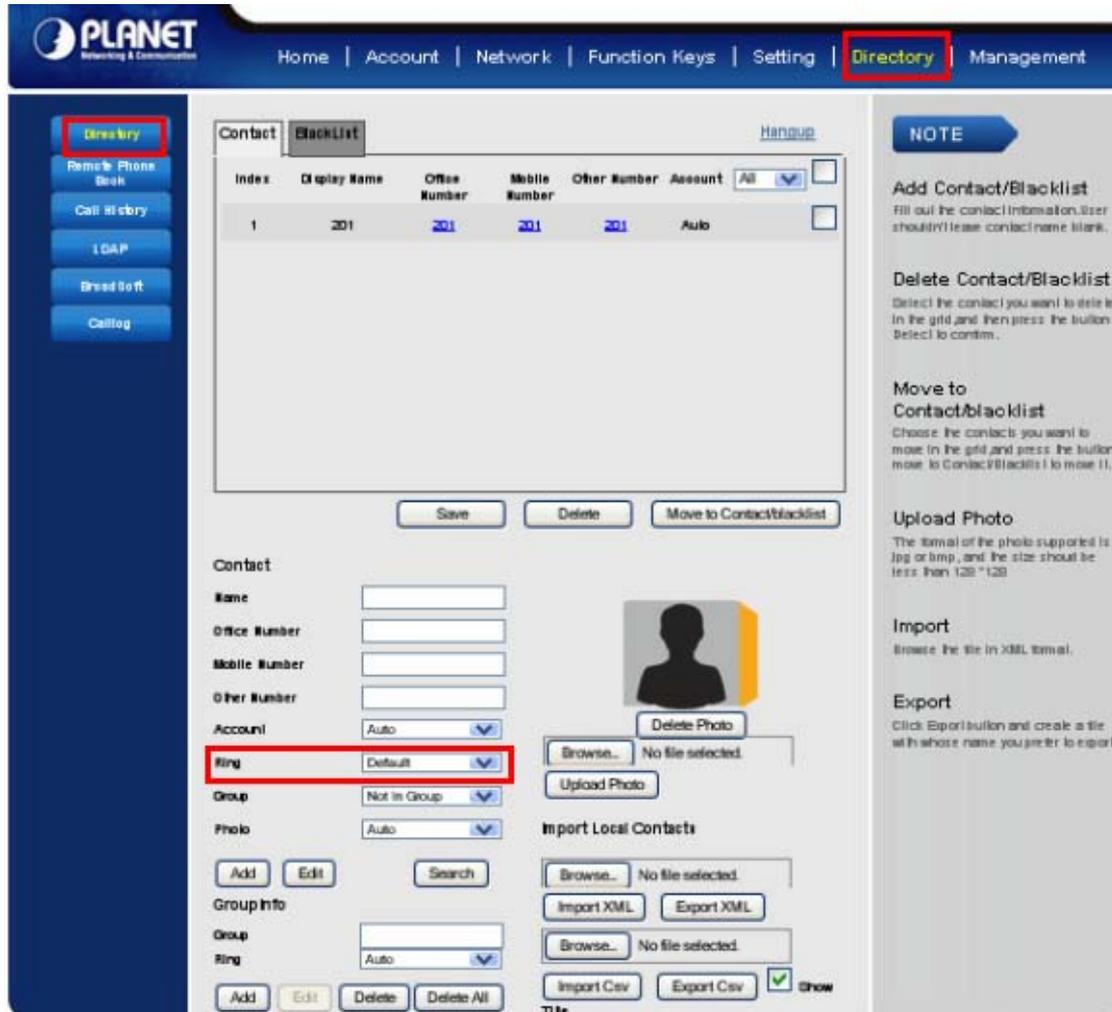
5. Press Save soft key to save the contact.



To configure Distinctive Ring Tone via Web Interface

1. Directory → Directory → Contact
2. Choose the Ring Tone you want to use.

3. Click  →  to save the configuration.



4.8 Font Size

To configure the Time & Date Format via phone interface

1. To press Menu → Setting → Basic setting → Font Size
2. Press  and  or press  to choose the desired font size: 18, 20, 24, 26.

3. Press  or Save soft key to save the configuration.



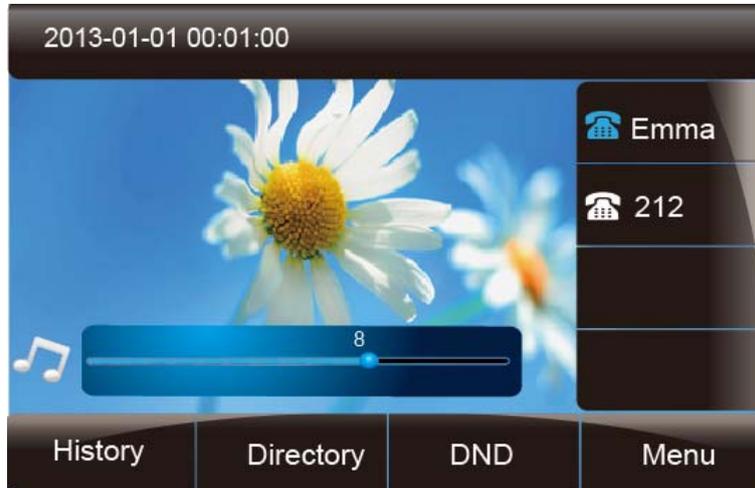
To configure Font Size via Web Interface

1. Setting→ Preference
2. Find **Phone Font Height Size** and then choose the desired: 18/20/24/26.
3. Click **SaveSet** to save the configuration.

Incoming Call Show Mode	<input checked="" type="radio"/> Peer Name & Peer Number <input type="radio"/> Peer Name & Peer Number & Self Name
Phone Font Height Size	20 pixels ▼
Watch Dog Enable	<input checked="" type="radio"/> Off <input type="radio"/> On
Customer Set User Agent	<input type="text"/>

4.9 Volume

You can adjust the volume of the phone by the volume keys:  and .



To adjust the Ring tone volume via phone interface:

1. Option 1: To press  and  on the idle page
2. Option 2: To press  and  when the call is ringing.

To adjust the handset volume via phone interface:

Press  and  during a call in handset mode.



To adjust the headset volume via phone interface:

Press  and  during a call in headset mode.



To adjust the speaker Volume via phone interface:

Press  and  during a call in speaker mode.



4.10 Wallpaper

To change to a preferred design, follow the steps below:

To change the wallpaper via phone interface:

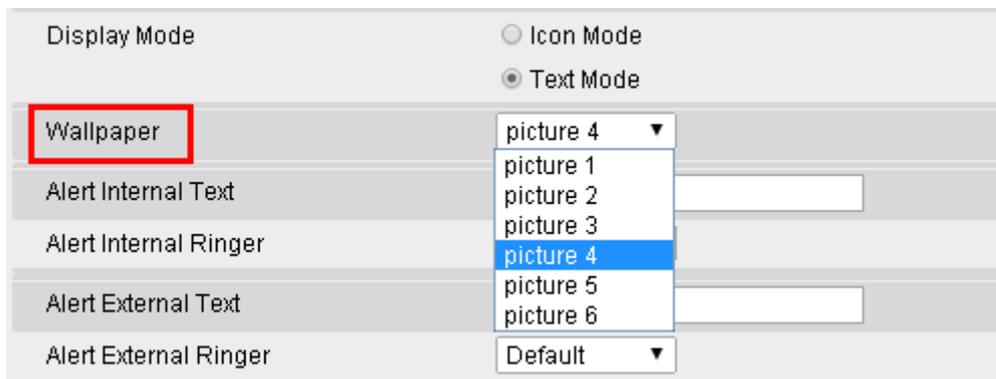
1. Press Menu → Display → wallpaper
2. Press  and  or press Switch soft key to display the different pictures.

3. Press  or Save soft key to save the selected wallpaper picture.



To change the wallpaper via web interface:

1. Click Setting→Preference
2. Select the desired wallpaper picture
3. Click  to save the setting.



4.11 Screen Saver

There are three types of screen saver: Time & Logo, Photo Switch and Phone.

Time & Logo: When the screensaver works, it will show Time and logo in turn.

Photo Switch: All screensaver pictures are displayed one by one.

Phone: Only selected phone display is used as screensaver.

Text logo: It works with **Time & Logo**. When the value is entered, it will display the time and the entered value in turn.

To enable screen saver via Phone interface:

1. To press Menu → Display → Screensaver
2. Press  and  or press Switch soft key to choose the Time-out as 1 min or 2/5/10/30 minutes.
3. Enter the Screensaver type to choose one of the types: Backlight off, Time & Logo, and Photo, and Photo
4. Press  or Save soft key to save the selected configuration.



To disable screen saver via Phone interface

To press Menu → Display → Screensaver

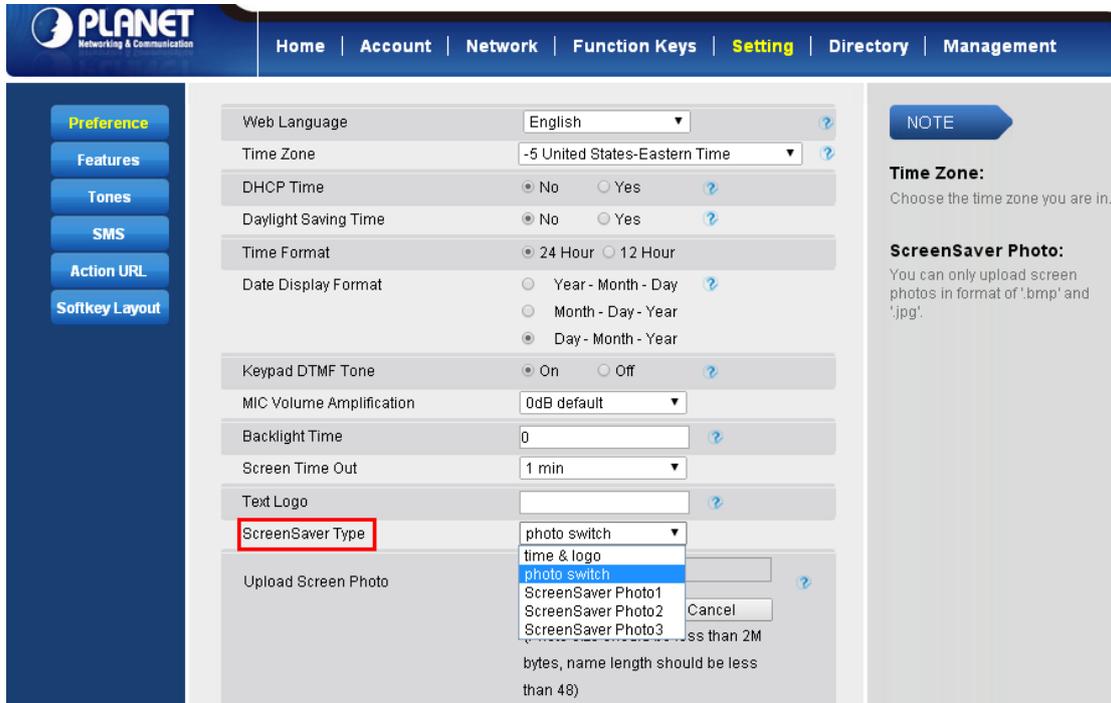
1. Press  and  or press switch soft key to choose the Time-out as off.
2. Press  or Save soft key to save the selected configuration.



To upload screen saver via Web interface:

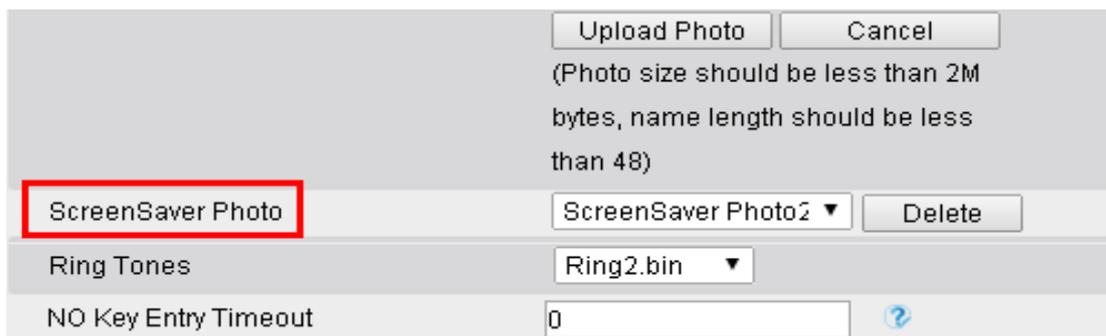
1. Setting → Preference

2. Choose the picture wanted to use as screen saver.
3. Click Upload Photo to save the uploaded picture.



To delete uploaded screen saver phone via Web interface:

1. Setting → Preference
2. Select the photo to be deleted.
3. Click Delete to delete the photo.





Note

1. The uploaded photo size should be less than 2M bytes, name length should be less than 48, and the File name should be in letters, numbers or underscore '_' and photo number should be less than 9.
2. The default screensaver photos cannot be deleted.

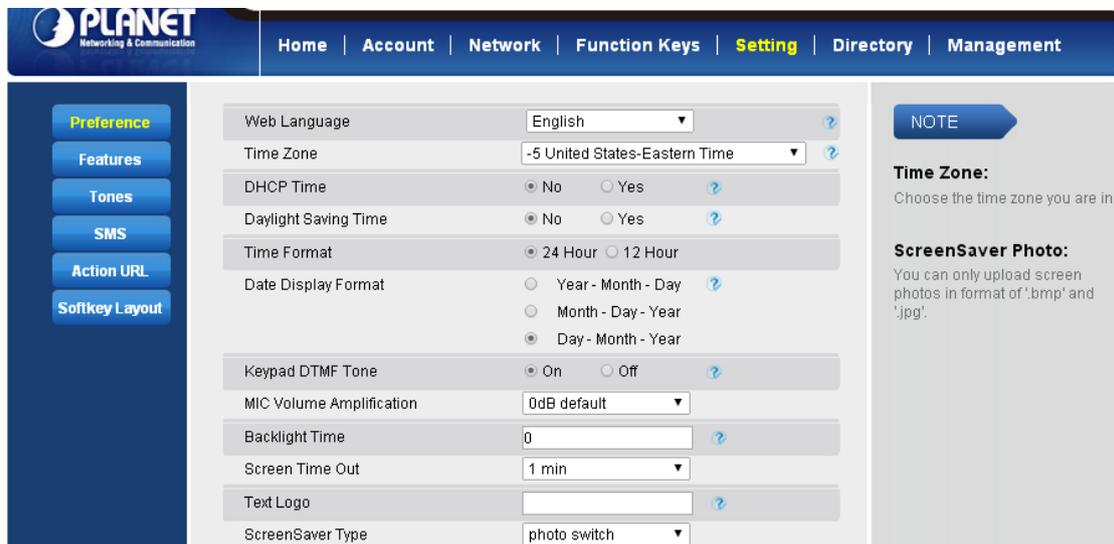
5 LED Status Setting

5.1 Backlight

To set Backlight via web interface:

1. Click setting→Preference
2. Enter the time for Backlight time(in seconds).
3. Click  to save the configuration.

The default is 0, which means Backlight is always on.



The screenshot shows the PLANET web interface with the 'Setting' menu selected. The 'Preference' section is active, displaying various configuration options. The 'Backlight Time' is currently set to 0. A 'NOTE' box on the right indicates that the time zone should be chosen based on the user's location and that screen saver photos must be in .bmp or .jpg format.

5.2 Contact Management

This section provides the operating instructions for managing contacts. The topics include:

- Local Directory
- Blacklist
- Remote Phonebook
- Call History
- LDAP
- BroadSoft Phonebook
- CallLog

5.3 Directory

In the directory, you can add or delete your friends, business partner or any others' phone no. So you will not forget their number. Or put some anonymous phone no. in

the blacklist to prevent from being disturbed.

A. To add contact list to local directory

To add contacts manually via phone interface

1. Press Menu → Directory → Local Directory
2. Press Add soft key.
3. Enter the necessary information as Name, Phone number...
4. Press save soft key or  to add the contacts successfully.



To add contacts from history via phone interface:

1. Press History soft key or press Menu → History → Local history
2. Press  and  to select the targeted one. (Press  and  to switch among all calls, Dialed calls, Received calls, Missed Calls and Forward Calls).
3. Press Option soft key → Add to Contacts
4. Edit the necessary information as Name, Phone number...

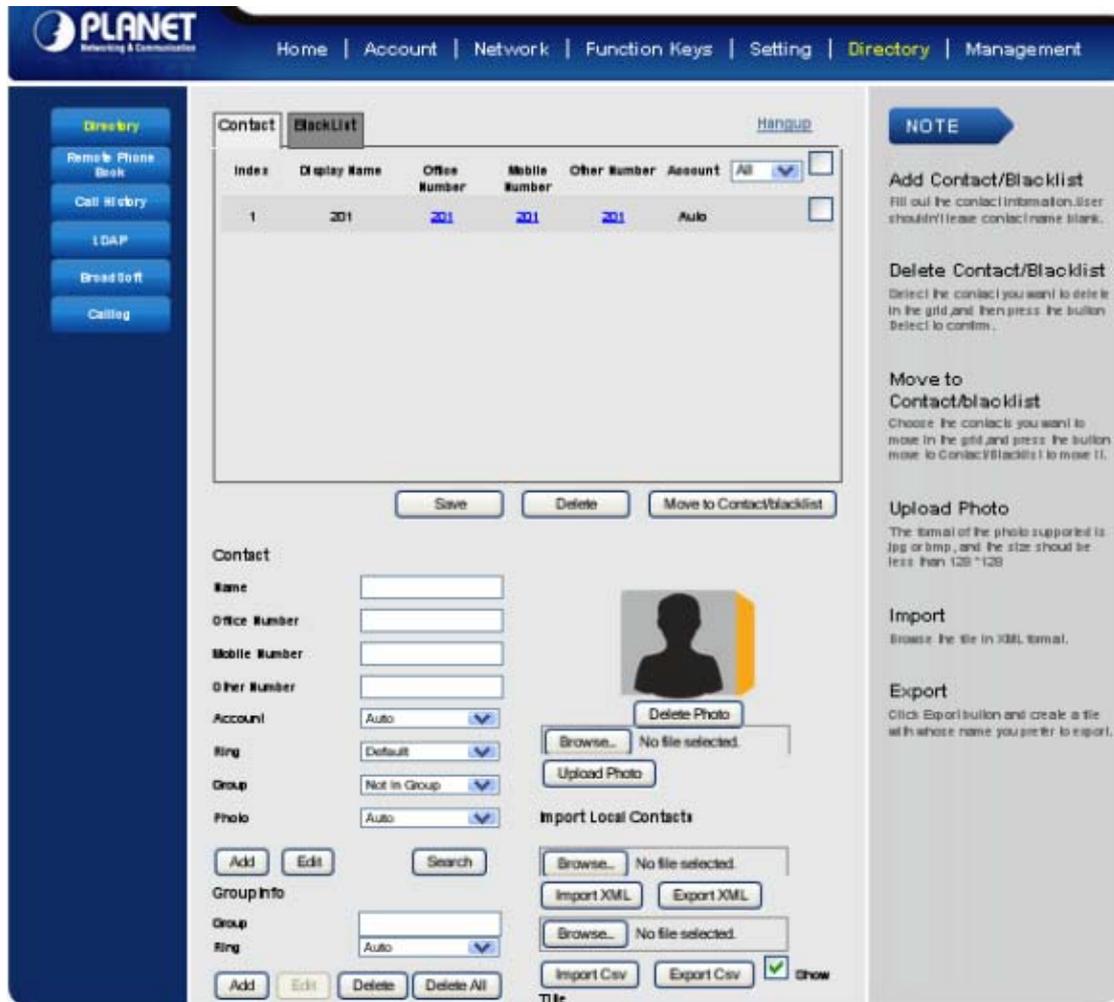
5. Press save soft key or  to add the contacts successfully.



To add contacts via web interface:

1. Click Directory
2. Enter the name, number and some other information.

- Press **Add** and then press **Save** button.



B: To add contacts to blacklist

To add blacklist manually via phone interface:

- Press Menu → Directory → Blacklist
- Press Add soft key.
- Enter the necessary information as Name, Phone number...
- Press save soft key or  to add the contacts successfully.

To add blacklist from history via phone interface:

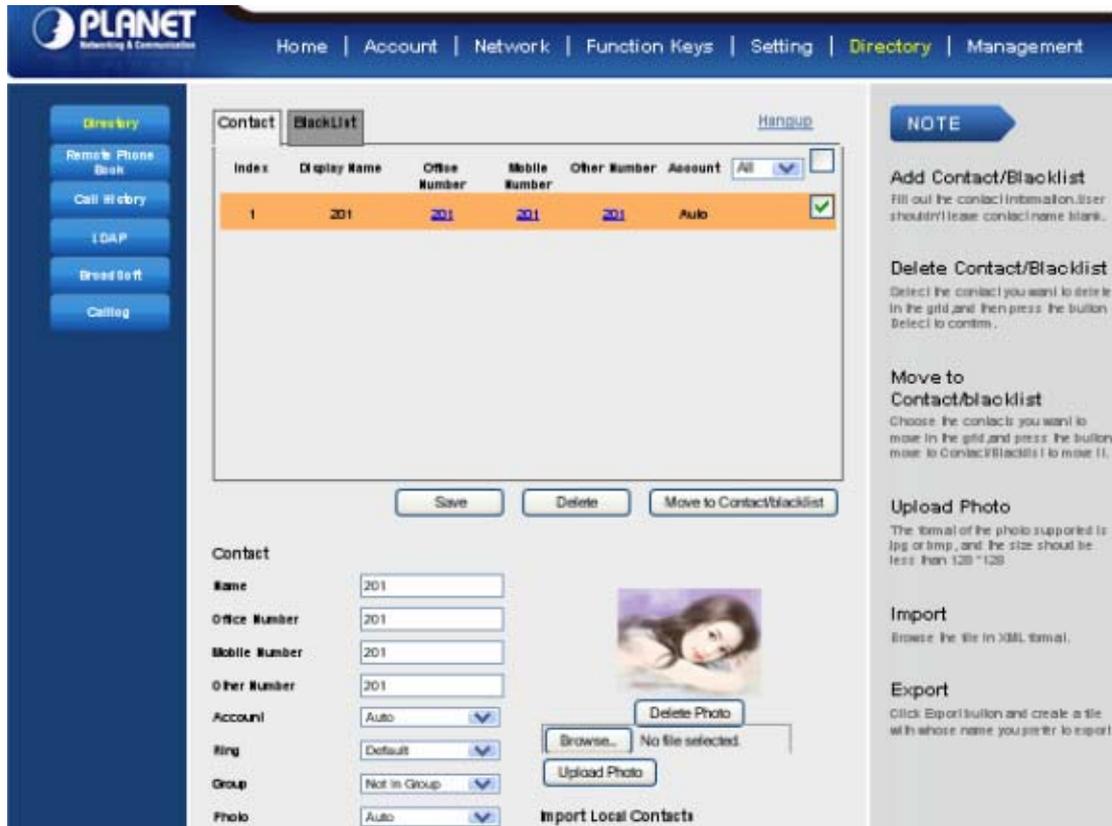
- Press History soft key or press Menu → History → Local history
- Press  and  to select the targeted one.
- Press Option soft key → Add to Blacklist
- Edit the necessary information as Name, Phone number...

5. Press save soft key or  to add successfully.



Upload Contacts photo via web interface:

1. Click Directory and select the desired contact.
2. Click Choose file to select the photo for the contact
3. Click to upload the photo.



When you place a call from the contact, the phone idle screen will show the contact photo.



 Note	The format of the photo supported is jpg or bmp, and the size should be less than 128 x 128.
---	--

To import or export the contact list

You can manage your phone's local directory via phone or web user interface. But you can only import or export the contact list via web interface.

To import an XML file of contact list via web interface:

1. Click on Directory
2. Click Browse to select a contact list file (file format must be .xml) from your local system.
3. Click Import XML to import the contact list.

To import an XML file of contact list via web interface:

1. Click on Directory
2. Click Export XML to import the contact list.

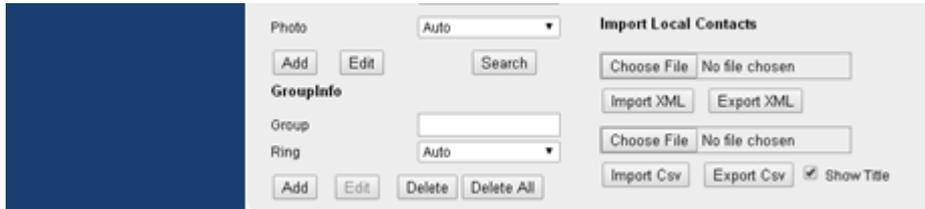
To import a CSV file of contact list via web interface:

1. Click on Directory
2. Click Browse to select a contact list file (file format must be .csv) from your local system.
3. Click Import CSV to import the contact list.

To import a CSV file of contact list via web user interface:

1. Click on Directory

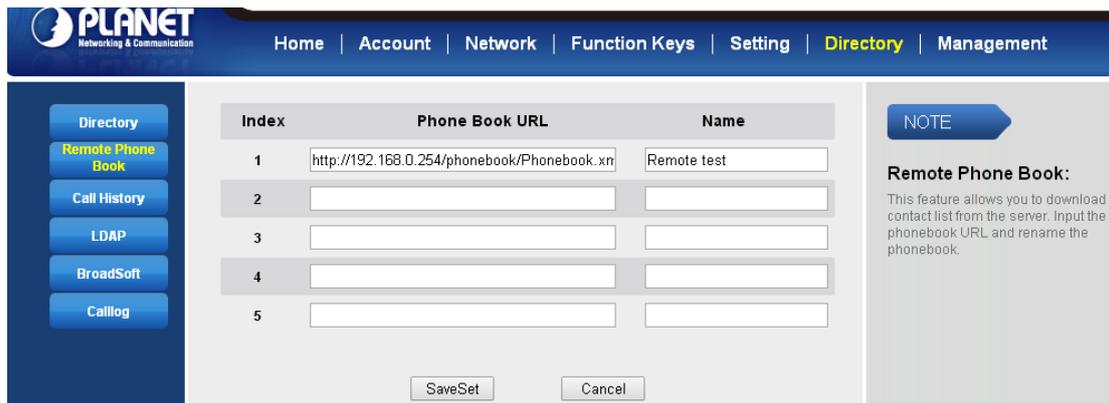
- Click Export CSV to import the contact list.



5.4 Remote Phonebook

To set Remote Phonebook via web interface:

- Login the web page and click Directory→Remote Phone Book
- Fill out the path of the remote file in the Phone Book URL field.
For example, <http://192.168.0.254/phonebook/Phonebook.xml>
- Fill out the Name and then click to save the configuration.



Index	Phone Book URL	Name
1	http://192.168.0.254/phonebook/Phonebook.xml	Remote test
2	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>

NOTE
Remote Phone Book:
This feature allows you to download contact list from the server. Input the phonebook URL and rename the phonebook.

To check the contacts via phone interface:

- Press Directory→Left Button→Left Button, and then you can see the item you set; press enter and you will find the details.
- For more details, please refer to: [Remote Phonebook](#) on Planet web page.

5.5 Call History

This phone maintains call history lists of Dialed Calls, Received Calls, Missed Calls and Forwarded Calls. The call history list supports up to 100 entries in all on phone interface and more than 1500 items. You can check the call history, dial a call, add a contact or delete an entry from the call history list. You should enable the history record feature in advance.

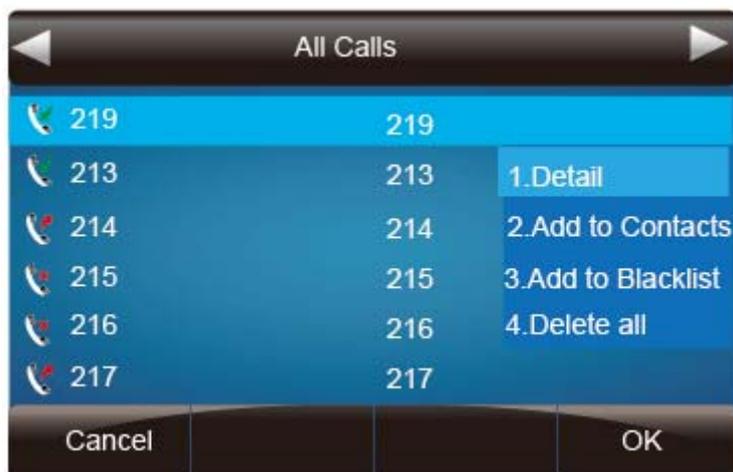
To enable the history record feature via phone interface:

1. Press Menu→Feature→History Setting
2. Press  and  or Switch soft key to enable History record.
3. Press Save soft key to save the configuration.



To check the call history via phone interface:

1. Press the History soft key. The LCD screen displays All Calls list.
2. Press Right or Left Key to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.
3. Press to select the desired entry.
4. Press the Option soft key, and then select Detail from the prompt list.
5. The detailed information of the entry appears on the LCD screen.



To delete an entry from the call history list via phone interface:

1. Press the History soft key.
2. Press Right or Left Key to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.
3. Press UP or DOWN key to select the desired entry.

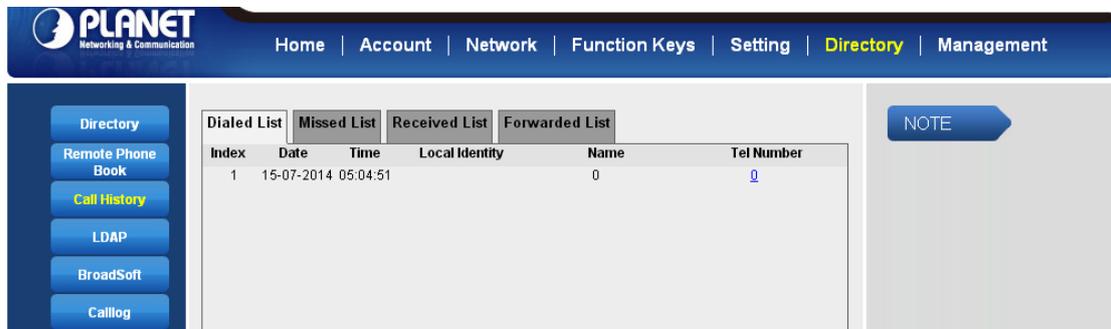
4. Press the Delete soft key.

To delete all entries from the call history list via phone interface:

1. Press the History soft key.
2. Press Right or Left Key to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.
3. Press the Option soft key, and then select Delete All from the prompt list.
4. Press the OK soft key.
5. Press the OK soft key to confirm the deleting or the Cancel soft key to cancel.

To check the call history via web interface:

1. Click Directory→ Call History
2. Click Dialed List, Missed List, Received List, Forwarded List and you can see the history list.



To Dial a call from Call History via web interface:

1. Click Directory→Call History
2. Select the desired history item, and click Tel Number.
3. Then the call is dialed on phone.

Index	Date	Time	Local Identity	Name	Tel Number
1	2014-06-16 06:07:29		800@192.168.0.9	810086	810086
2	2014-06-16 04:06:51		800@192.168.0.9	810086	810086
3	2014-06-16 04:04:05		800@192.168.0.9	910086	910086
4	2014-06-16 03:41:35		800@192.168.0.9	910086	910086
5	2014-06-16 03:41:29		225@192.168.0.2 51	910086	910086
6	2014-06-16 03:40:22		225@192.168.0.2 51	910086	910086
7	2014-06-16 03:35:24		800@192.168.0.9	910086	910086
8	2014-06-16 03:27:44		800@192.168.0.9	910086	910086
9	2014-06-16 03:27:39		800@192.168.0.9	910086	910086
10	2014-06-16 03:20:03		800@192.168.0.9	910086	910086
11	2014-06-16 02:20:53		800@192.168.0.9	915205188613	915205188613

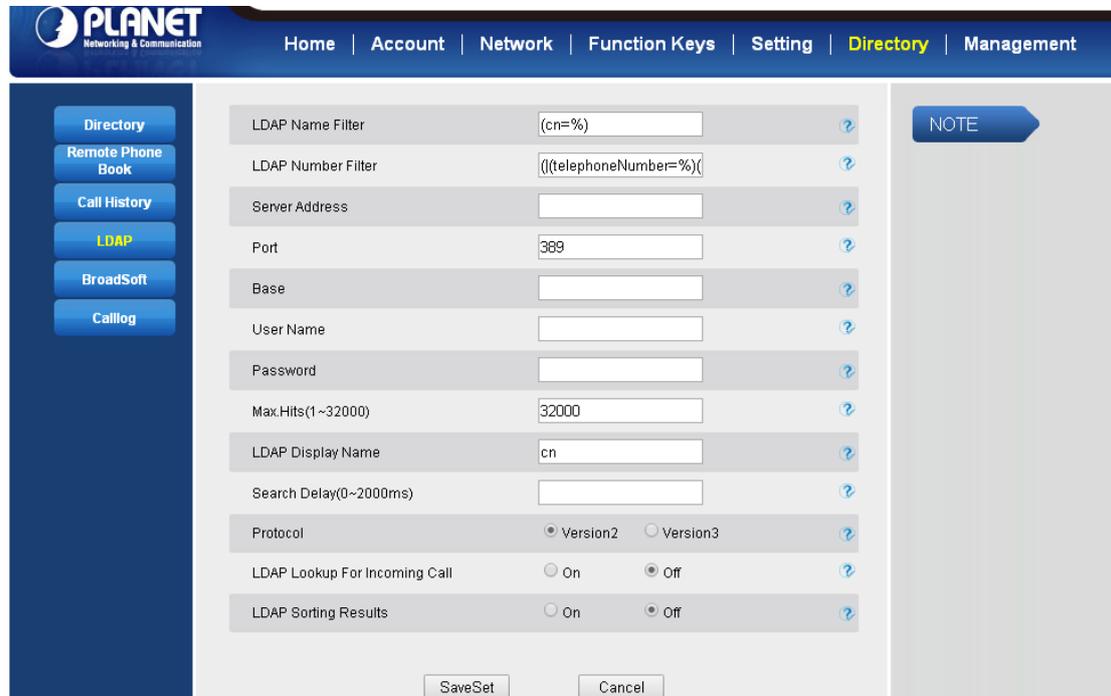
5.6 LDAP Phonebook

When using the LDAP feature, you can get the LDAP Phonebook directly.

To configure LDAP via web interface:

1. Login the web page and click Directory→LDAP.
2. Fill out LDAP Name Filter:
 - a) This parameter specifies the name attributes for LDAP searching. The “%” symbol in the filter stands for the entering string used as the prefix of the filter condition.
 - b) For example (cn=%), when the name prefix of the cn of the contact record matches the search criteria, the record will be displayed on the IP PHONE LCD.
3. Fill out LDAP Number Filter:
This parameter specifies the number attributes for LDAP searching.
4. Fill out Server Address: Fill out the domain name or IP address of the LDAP Server.
For example, 192.168.0.124
5. Port (the port of the LDAP Serve) Base, User Name and Password
6. Max. Hits: The maximum number of the search results to be returned by the LDAP server.
7. LDAP Display Name: The display name of the contact record displayed on the LCD screen.
8. Fill out the related value and then click Save button to save the settings.

Following is the example screenshot for the configuration.



The screenshot shows the PLANET web interface with the 'Directory' menu selected. The LDAP configuration page includes the following fields and options:

- LDAP Name Filter: (cn=%)
- LDAP Number Filter: ((telephoneNumber=%){
- Server Address: [Empty field]
- Port: 389
- Base: [Empty field]
- User Name: [Empty field]
- Password: [Empty field]
- Max.Hits(1~32000): 32000
- LDAP Display Name: cn
- Search Delay(0~2000ms): [Empty field]
- Protocol: Version2 Version3
- LDAP Lookup For Incoming Call: On Off
- LDAP Sorting Results: On Off

Buttons for 'SaveSet' and 'Cancel' are located at the bottom of the form. A 'NOTE' button is visible on the right side of the interface.

To Configure LDAP Key

To configure LDAP Key via web interface:

1. Click Function Key→Memory Key→ choose Memory Key 1 (for example)

2. Select LDAP under the Type section.
3. Click Save to save the configuration.



To Configure LDAP Key via phone interface:

1. Press Menu→Feature→Function Keys→Memory Keys as Function Keys→Memory Key 1
2. Select LDAP under the Type section.
3. Press save or OK key to save the configuration.

When pressing the LDAP Key, the LCD will display as follows:



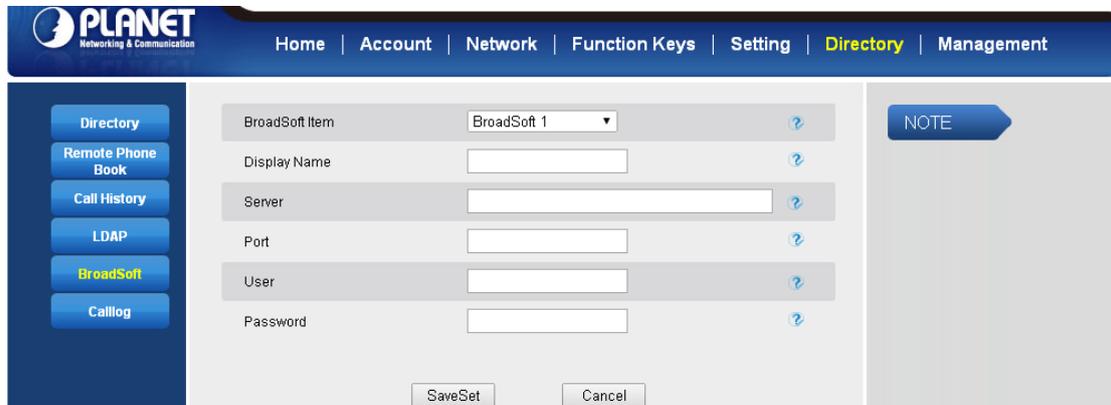
5.7 Broadsoft Phonebook

You can access the BroadSoft directory through your phone. You can add local contacts from the BroadSoft directory. You can also dial a contact from the BroadSoft directory. You can configure your new phone to access up to 6 BroadSoft directories. Contact your system administrator for the access to URL of the BroadSoft directory.

To Configure Broadsoft via web interface:

1. Click Directory→Broadsoft
2. Select the desired Broadsoft Item.

3. Enter the Display name.
4. Enter the Server, port, User and password.
5. Click to save the configuration.

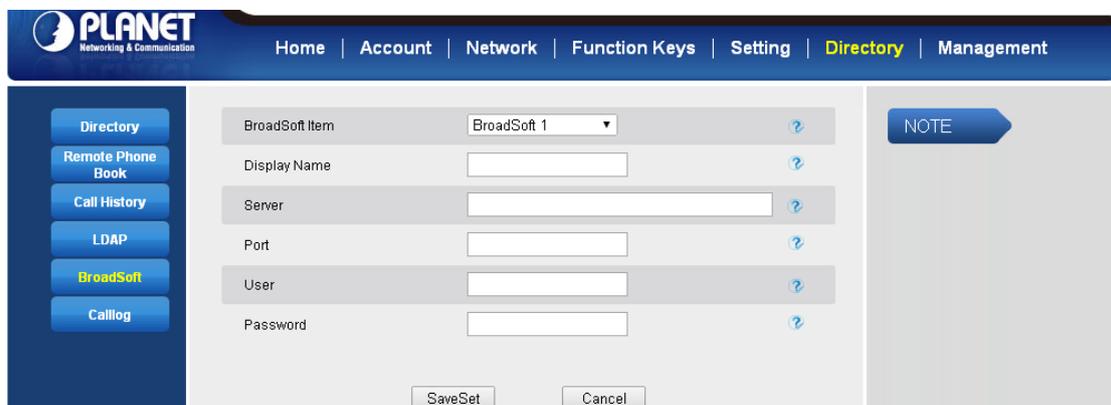


5.8 Call log

You can access the call log of the BroadSoft user through the IP phone. The call log contains call information such as remote party identification, time and date. You can check the call log and dial a call from the call log list. The BroadSoft call log allows users to view and dial the stored numbers in the following lists: missed, received, and placed. You can configure the IP phone to access up to 3 call log items. Contact your system administrator for the access to URL of the BroadSoft call log.

To Configure Call log via web interface:

1. To click Directory→Call log
2. Select the desired Broadsoft Item.
3. Enter the Display name.
4. Enter the Server, port, user and password
5. Click to save the configuration.



6 Other Feature Settings

6.1 Dial Plan

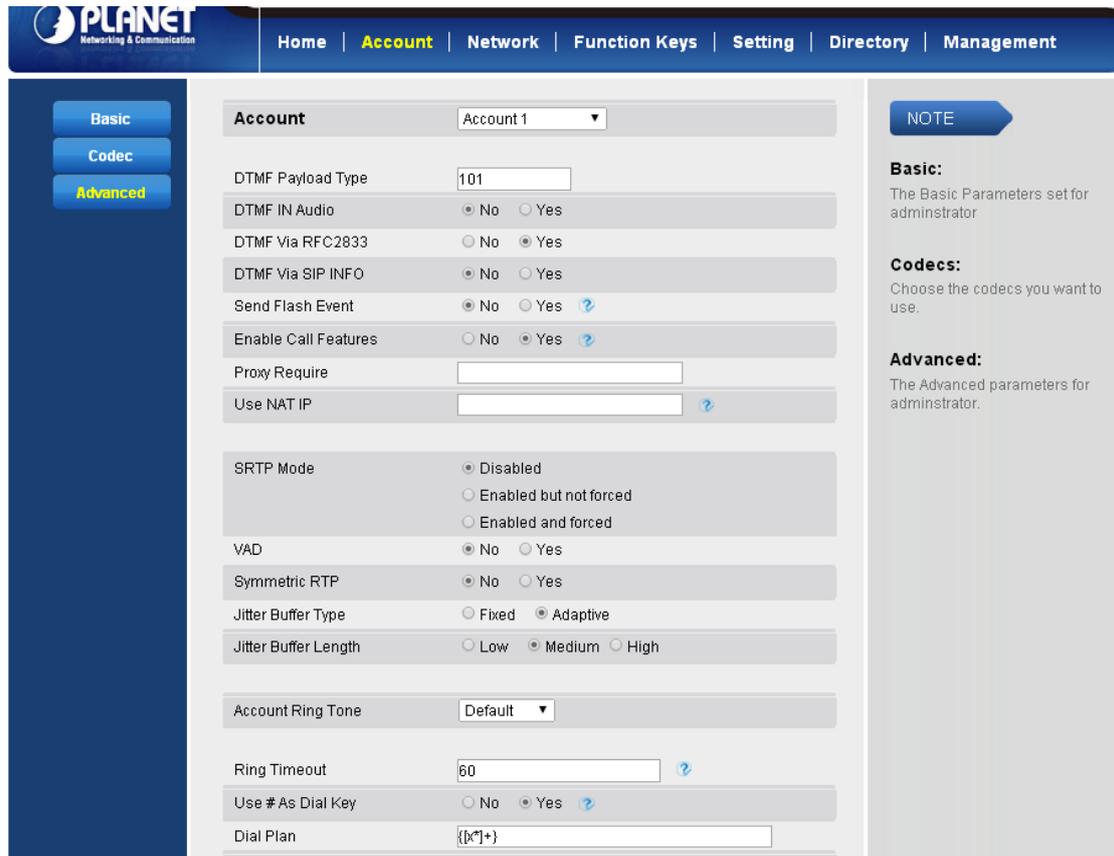
Dial plan is a string of characters that governs the way this phone processes the inputs received from your phone keypad. This phone supports dial plan with the following accepted digits: 1,2,3,4,5,6,7,8,9,0,*,#

Gamma	Description
x	any digit from 0-9;
xx+	at least 2 digit number;
^	exclude;
,	hear dial tone;
[3-5]	any digit of 3, 4, or 5;
[147]	any digit 1, 4, or 7;
<2=011>	Replace digit 2 with 011 when dialing.

To configure dial plan via web interface:

1. Click Account—Advanced—Dial Plan
2. Fill out the value in dial plan field.

3. Click **SaveSet** to save the configuration.



 Note: Illegal input will fall back to default: {[x*]+}.

6.2 Emergency Call

Public telephone networks in countries around the world have a single emergency telephone number (emergency services number) that allows a caller to contact local emergency services for assistance when required. The emergency telephone number may differ from country to country. It is typically a three-digit number so that it can be easily remembered and dialed quickly. Some countries have a different emergency number for each of the different emergency services.

You can specify the emergency telephone numbers on the IP phone for contacting the emergency services in an emergency situation.

To configure emergency call via web interface:

1. Click Setting→Features→Phone Lock
2. Enter the emergency services number under the Emergency section.

3. Click **SaveSet** to save the configuration.

+ Call Pickup	
- Phone Lock	
Keypad Lock	Disable ▼
Phone Unlock Pin(0~15digial)	*****
Auto Lock Time-Out(0~3600s)	15
Emergency	110
+ Call Waiting	

6.3 LED Status Setting

The LED Status setting mainly defines the power indicator LED.

To configure action url via web interface:

1. Click Setting→Preference
2. Select Yes or No for Power Status, Ringing Status, Miss Calls Status.
3. Click **SaveSet** for the setting.

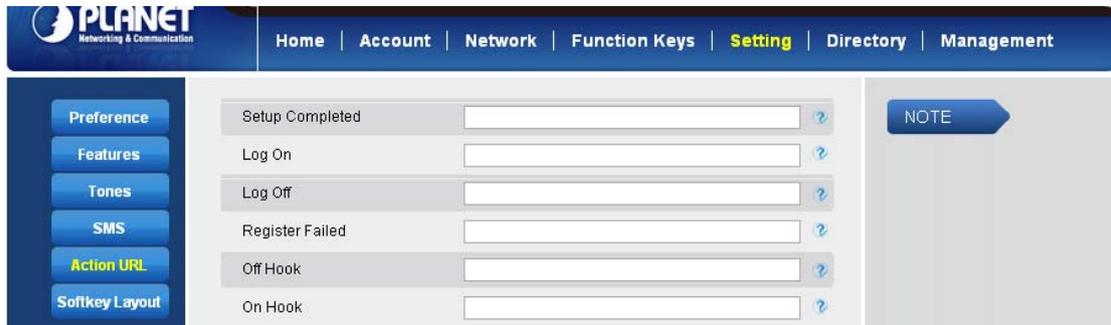
LED Status Setting:		
Power Status	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Ringing Status	<input checked="" type="radio"/> Yes	<input type="radio"/> No
MissCalls Status	<input type="radio"/> Yes	<input checked="" type="radio"/> No

6.4 Action URL

To configure action URL via web interface:

1. Click Setting→Action URL
2. Fill out the needed value in the necessary blank.

3. Click  to save the setting.

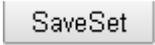


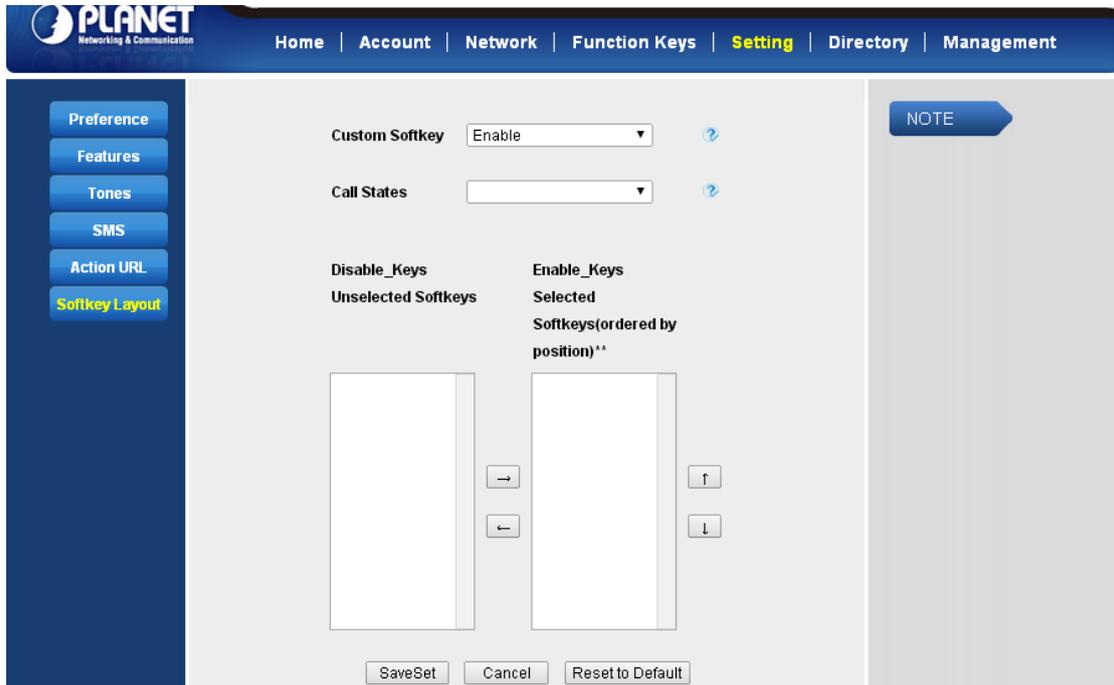
6.5 Softkey Layout

This feature mainly defines which is shown on the soft key in some status. For example, what the soft key display will be when dialing, or talking.

To configure Soft key via web interface:

1. Click Setting→Softkey Layout
2. Select Enable for Custom Softkey
3. Select call States.
4. Select the feature from the disable key to enable key field by 
 -  Disable to Enable field.
 -  Delete the Enable, and it will be back to Disable field.
5. Click  or  to change to position or each feature.

6. Click  to save the configuration.

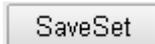


 **Note** When there are more than 5 items in the Enable field, the last softkey will display More, and last two items will show on the next page (softkey). You can check by pressing more.

6.6 Programmable Key

For the default keys as Soft keys, Navigation keys and so on, you can define them as some specific features, and it works only on the idle page.

To configure Programmable Key via web interface:

1. Click Function Keys→Programmable Keys
2. Select the desired Key to set.
3. Click  to save the setting.

4. By clicking , all setting of the keys will be back to default.

Key	Type	Account	Value
SoftKey1	History	Account 1	
SoftKey2	Directory	Account 1	
SoftKey3	DND	Account 1	
SoftKey4	Menu	Account 1	
Up	History	Account 1	
Down	Directory	Account 1	
Left	Switch Account Up	Account 1	
Right	Switch Account Dow	Account 1	
OK	Status	Account 1	
Cancel	N/A	Account 1	
MUTE	N/A	Account 1	
CONF	N/A	Account 1	
TRAN	Forward	Account 1	
HOLD	N/A	Account 1	

6.7 Ext. Key

It only works when there is an expansion module connected with the phone.

7 Basic Call Features

7.1 Place a Call

There are three ways to dial a call: Handset, Headset and Hands-free speakerphone.

To place a call by Handset

Pick up the handset, or press a line key and dial the necessary number.

Press  or press the send softkey and then the call is sending.

To place a call by Headset:

1. Press the  (light is Green).
2. Enter the desired number.
3. Press  or press the Send softkey and then the call is sending.

Placing a call by hands-free speakerphone

1. Press the , or press the Line key and then you can hear the dial tone.
2. Press the number.
3. Press  or press the Send soft key and then the call is sending.

To place a call by call history or Directory via web inter face.

1. Press the History soft key (On the idle page) or Menu → History /Directory
2. Press  and  to select the targeted one.
3. Press Send soft key to make the call.

 Note	<ol style="list-style-type: none">1. The  key is set to be a send key. You can set the * key as send key or set some other to be as send keys. For more information, refer to the Key as Send page2. During the call, you can also change among Headset, Handset and Free-speaker modes.
---	--

7.2 End a Call

How to end a call in three modes:

To end a call by Handset

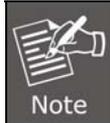
1. Press the Cancel soft key or hang up the handset.

To end a call in Headset Mode

1. Press the Cancel soft key or press .

To end a call in hands-free speakerphone Mode

1. Press the Cancel soft key or press .



During the conference, just follow either of the above steps to end the call.

7.3 Redial a Call

To redial the last placed call from the IP Phone

1. Press  directly when LCD is on the idle interface.

7.4 Receive a Call

There are three ways to receive a call when the phone is ringing:

To receive a call by handset

Pick up the handset to start the conversation.

To receive a call by headset

Press  to start the conversation.

To receive a call by hands-free speaker

1. Option 1: Press  directly.
2. Option 2: Press Answer soft key.
3. Option 3: Press the Line key (flashes red).

Moreover, some other actions can be done by soft key when the call is coming.

1. Press the Reject soft key to reject the call. Or press  to reject the current call.
2. Press Forward to forward to another phone.

3. Press the Silence soft key and the call will be silent with no ring tone display.



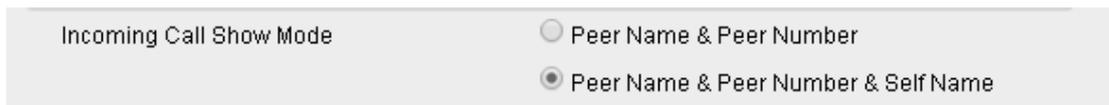
7.5 Incoming Call Show Mode

There are two incoming call show modes for this phone:

1. name and number of the contacts
2. name and number of the incoming call and the account which is connecting

To set incoming call show mode via web interface:

1. Click setting → preference
2. Select the desired mode for the incoming call show mode.
3. Click to save the setting.



7.6 Auto Answer

To enable auto answer feature, all the incoming calls will be answered automatically.

To enable Auto Answer via Webpage

1. Click Account → Advanced
2. Choose Yes for the Auto Answer.

3. Click Saveset to save the configuration.

Send Anonymous	<input checked="" type="radio"/> No	<input type="radio"/> Yes	?
Anonymous Call Rejection	<input checked="" type="radio"/> No	<input type="radio"/> Yes	
Check SIP User ID	<input checked="" type="radio"/> No	<input type="radio"/> Yes	
Auto Answer	<input checked="" type="radio"/> No	<input type="radio"/> Yes	
Allow Auto Answer By Call-Info	<input type="radio"/> No	<input checked="" type="radio"/> Yes	
Turn off Speaker on remote disconnect	<input type="radio"/> No	<input checked="" type="radio"/> Yes	

To Disable Auto Answer via Webpage

1. Click Account → Advanced
2. Choose No for the Auto Answer.
3. Click Saveset to save the configuration.

7.7 Call Hold

When the hold feature is used, the Hold icon will be shown on the display.



To make a call on hold in three modes:

To hold a call in the handset mode:

1. Press Hold soft key or  to hold the current call.
2. Press Resume soft key or  to resume the call on hold.

To hold a call in the headset mode:

1. Press Hold soft key or  to hold the current call.
2. Press Resume soft key or  to resume the call on hold.

To hold a call in the speaker mode:

1. Press Hold soft key or  to hold the current call.
2. Press Resume soft key or  to resume the call on hold.

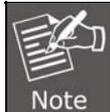
7.8 Call Transfer

This phone supports Blind, Attended and Semi-Attended Transfer.

Blind Transfer

When you use this feature, you can do the blind transfer.

1. Press  or Transfer soft key during the conversation; the call is on hold now.
2. Enter the number that is to be transferred.
3. Press , and now the blind transfer is completed.



The "Enable Call Feature" must be configured to "Yes" to enable this feature.

Attended Transfer

When you use this feature, you can

1. Press  or transfer soft key during the conversation; the call is on hold now.



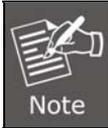
2. Enter the number that is to be transferred, and press the send soft key or .
3. To start the second conversation, press  or transfer soft key and then transfer is completed.



To transfer calls across SIP domains, SIP service providers must support transfer across SIP domains. Blind transfer will usually use the primary account SIP profile. To use this function, at least one line key should be set to Auto.

Semi-Attended Transfer

1. Press  or transfer soft key during the conversation; the call is on hold now.
2. Enter the number that is to be transferred, then press , and you can hear the ring tone.
3. Press  or the transfer soft key to enable the Semi-attended transfer to be completed.



To use this function, at least one line key should be set to Auto.

BLF Transfer

1. Set a Programmable Key or line key as BLF. For how to set BLF, please refer to BLF .
2. Press  or transfer soft key during the conversation; the call is on hold now.
3. Press BLF key to realize Blind, Attended and Semi-Attended Transfer.

7.9 Call Conference

This IP Phone supports up to 5-way conferencing.

5-way conferencing

1. Assuming that Parties A and B are in conversation. Party A wants to bring Parties C, D and E into a conference.
2. Party A presses line 2 key and the call is placed on hold.
3. Party A enters the number of Party C and then presses send soft key or .
4. Party C is answering the call.
5. Party A presses  or the conference soft key, and now Parties A, B and C are in the **3-way conferencing**.
6. Party A presses line 3 key and the current 3-way conferencing is placed on hold.
7. Party A enters the number of Party D and then presses send soft key or .
8. Party D is answering the call.
9. Party A presses  or the conference soft key, and now Parties A, B, C and D are in the **4-way conferencing**.
10. Party A presses line 4 key; the call is placed on hold.
11. Party A enters the number of Party E and then press send soft key or .
12. Party E is answering the call.
13. Party A presses  or the conference soft key, and now Parties A, B, C, D and E are now in the **5-way conferencing**.

14. Party A ends the call and the conference is finished.



 Note

1. If Party C does not answer the call, Party A can continue the conversation with B;
2. Once Party A hangs up the call, the conference is ended. If Party B or Party C drops the call, either A&C or A&B can continue to communicate;
3. The conference feature is not available on all servers. For more information, contact your system administrator;
4. To realize the 5-way conferencing, the line should be all available; and
5. Press  to get all parties information.

7.10 Call Forward

This phone supports static forward (always forward, busy forward and no answer forward) and dynamic forward.



To configure static forward

To configure always forward

With this feature, all incoming calls will forward immediately to configured number.

1. Press Menu → Features → Call forward → Always Forward.
2. Press  and  or press  to select **Disable**.
3. Enter the forward to number and on code (optional), off code (optional).
4. Press  or Save soft key to save the configuration.



To configure busy forward

With this feature, the incoming calls are immediately forwarded if the phone is busy.

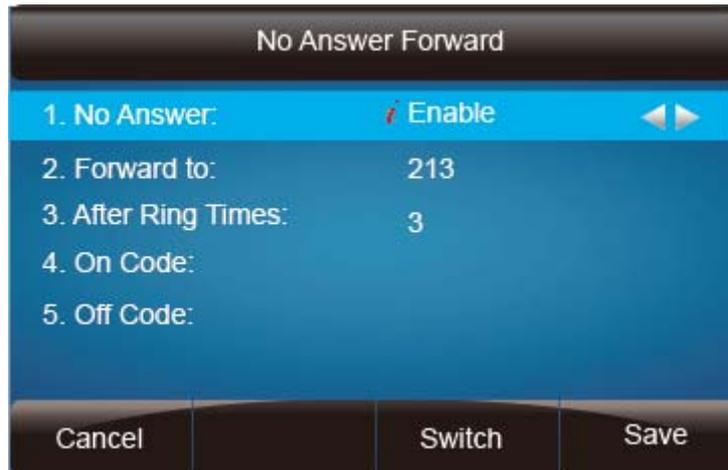
1. Press Menu → Features → Call forward → Busy forward.
2. Press  and  or press  to select **Enable**.
3. Enter the forward to number and on code (optional), off code (optional).
4. Press  or Save soft key to save the configuration.



To configure no answer forward

No Answer Forward: Incoming calls are forwarded if not answered after some time.

1. Press Menu → Features → Call forward → No answer forward.
2. Press  and  or press  to select **Enable**.
3. Enter the forward to number and on code (optional), off code (optional).
4. Press  or Save soft key to save the configuration.



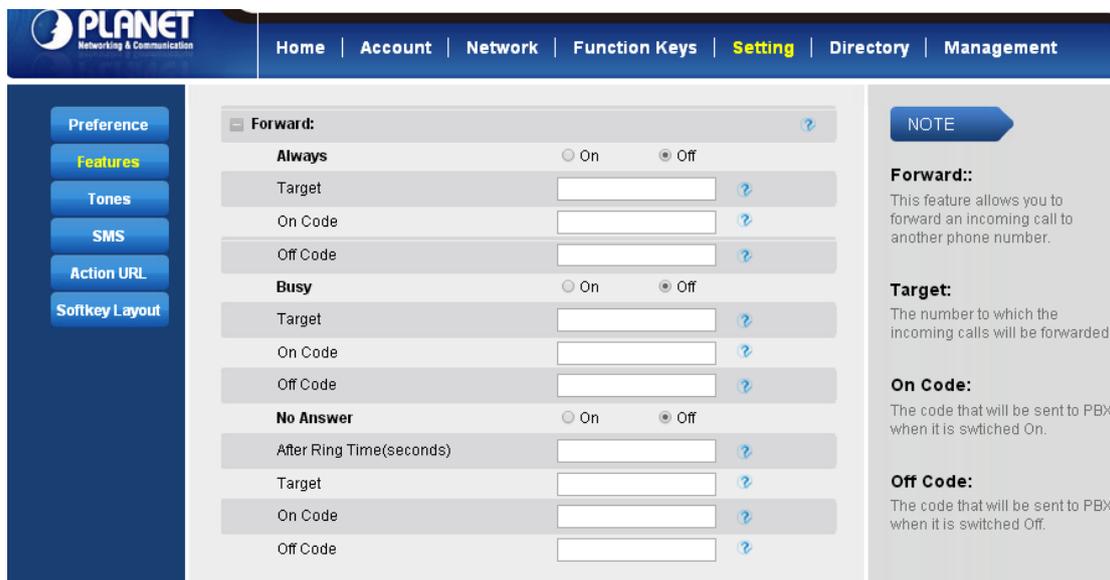
When the Forward feature is enabled, the Icon  will display on top of the LCD.



To configure Forward via Web Interface

1. Setting → Features
2. Click **On** for Always, Busy and No Answer
3. Fill out the Forward with Number
4. Fill out the on code and the off code (optional)

- Click  to save the configuration



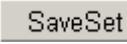
To cancel the forward feature via Phone Interface

- Option 1: To press the  key to disable the forward feature.
- Option 2: Press Menu → Features → Call forward → Always/Busy/No answer Forward.

Press  and  or press  to select **Disable**.

Press  or Save soft key to save the configuration.

To cancel the forward feature via Web Interface

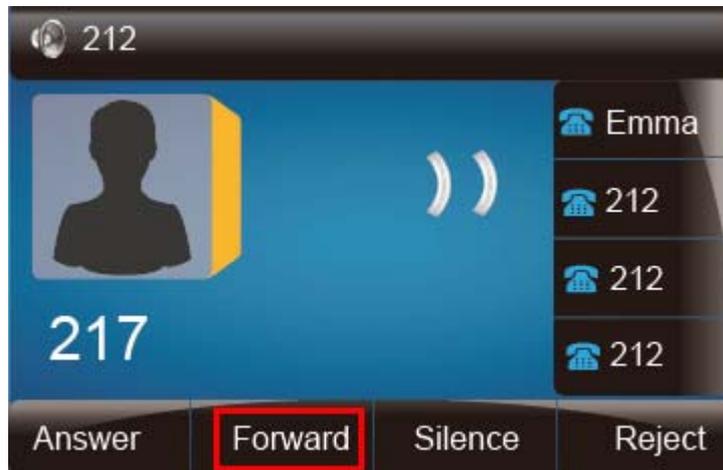
- Setting → Features
- Click **Off** for Always, Busy and No Answer
- Click  to save the configuration

To configure dynamic forward

Forward an incoming call during ringing.

- When the phone is ringing, press Forward soft key.
- Enter the forward number.

3. Press  or press the send soft key and then the call is forwarded.



 Note: The Programmable Key or line key is set as BLF. When an incoming call is ringing, press this BLF key directly to realize the dynamic forward.

7.11 Call Return

This feature allows you to dial the last phone call you received.

To configure the Call Return via phone interface

1. Press Menu → Features → Function Keys → Line or Memory Keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the Key Event under the Type section.
4. Press  and  or press  key to select the Call Return.
5. Press  or Save soft key to save the configuration

To configure the Call Return via Web interface

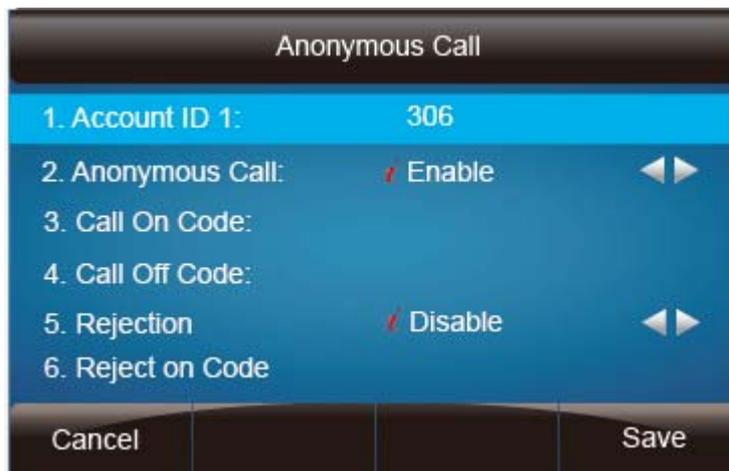
1. Click Function keys → Line or Memory key.
2. Select the desired Line or Memory key and select Call Return under the Type section.
3. Click  to save the configuration.

7.12 Hide Caller ID

Just enable the anonymous call feature and you can set your ID that does not appear on the other phone that you called.

To configure anonymous call

1. Press Menu →Features →Anonymous Call.
2. Press  and  or press  to change Line ID.
3. Press  and  or press  to select **Enable** under the Anonymous Call section.
4. Enter the call on code (optional) and call off code (optional).
5. Press  or Save soft key to save the configuration.



To cancel anonymous call feature

1. Press Menu →Features →Anonymous Call
2. Press  and  or press  key to select **Disable** under the Anonymous Call section.
3. Press  or Save soft key to save the configuration.

7.13 Reject Anonymous

If you do not want to be disturbed by anonymous calls, you can set the reject anonymous call feature, so that you will not hear the unknown calls.

To configure rejecting anonymous call

1. Press Menu →Features →Anonymous Call
2. Press  and  or press  key to change the Line ID.
3. Press  and  or press  key to select **Enable** under the Rejection section.
4. Press  or Save soft key to save the configuration



To cancel rejecting anonymous call

1. Press Menu →Features →Anonymous Call
2. Press  and  or press  key to select **Disable** under the Rejection section.
3. Press  or Save soft key to save the configuration.

7.14 Call Mute

When you use the Mute feature, other parties will not hear your voice while you can hear their voice. Call mute applies to all modes (handset, headset, and speakerphone).



To mute the call during a call (including a conference call)

1. Press the mute key , then the mute key glows green, and the LCD displays



2. To disable the mute function, press  again.

7.15 DND

When you use the DND feature, the phone is to reject all incoming calls automatically and you can see the mute icon  shown on the top of the LCD on the idle page.



To enable DND feature via phone interface:

1. Press the DND soft key when the phone is idle, and then  shown on the LCD.

To disable DND feature via phone interface:

1. Press the DND soft key again, and then there is no  on the LCD.

7.16 Key as Send

To configure Key as Send via phone interface:

1. Press Menu → Features → Key as Send
2. Press  and  or press  key to select **Enable**.

3. Press  or Save soft key to save the configuration



To cancel # Key as Send via phone interface:

1. Press Menu → Features → Key as Send
2. Press  and  or press  key to select **Disable**.
3. Press  or Save soft key to save the configuration

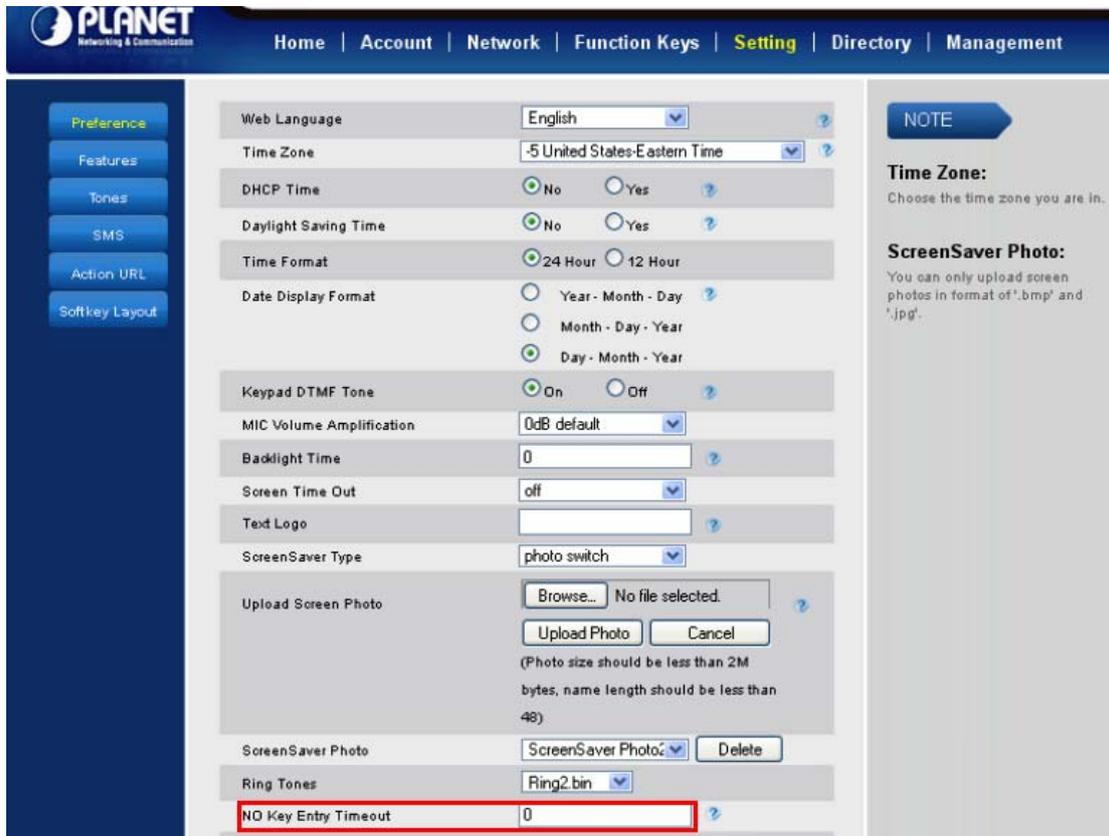
7.17 No Key Entry Timeout

No Key Entry Timeout means that when you enter the number, it will dial out automatically after some time when you stop enter the number.

To configure No Key Entry Timeout via web interface:

1. Click Webpage Setting → Preference
2. Fill out the blank of No Key Entry Timeout: for example, 5 (seconds). 0 means it never goes timeout. The send key should be pressed to dial out the number.

- Click the to save the configuration.



The screenshot shows the PLANET web interface with the 'Setting' page selected. The 'Preference' section is active, and the 'NO Key Entry Timeout' field is highlighted with a red box. The interface includes a navigation menu at the top and a sidebar on the left with options like 'Preference', 'Features', 'Tones', 'SMS', 'Action URL', and 'Softkey Layout'. The main content area contains various settings such as 'Web Language', 'Time Zone', 'DHCP Time', 'Daylight Saving Time', 'Time Format', 'Date Display Format', 'Keypad DTMF Tone', 'MIC Volume Amplification', 'Backlight Time', 'Screen Time Out', 'Text Logo', 'ScreenSaver Type', 'Upload Screen Photo', 'ScreenSaver Photo', 'Ring Tones', and 'NO Key Entry Timeout'.

7.18 Keypad Lock

To enable Keypad Lock via Phone

- Press Menu--Settings--Advanced Setting--Phone Setting--Lock
- Press Info or Switch to choose a lock type under All Keys Menu: Key Function, Key Lock & Answer.
- Press Save or OK key to save the configuration.

To disable Keypad Lock via Phone

- Press Menu--Settings--Advanced Setting--Phone Setting--Lock
- Press Info or Switch to choose Off.
- Press Save or OK key to save the configuration.

To enable Keypad Lock via Webpage

- Click Webpage Setting → Preference
- Choose the Lock keys.
- Fill out the unlock Pin and auto lock time
- Fill out the Emergency Number. When the phone is locked, only Emergency

Number can be sent.

- To click Saveset to save the configuration.

- Phone Lock	
Keypad Lock	Function Keys <input type="button" value="v"/>
Phone Unlock Pin(0~15dial)
Auto Lock Time-Out(0~3600s)	60
Emergency	

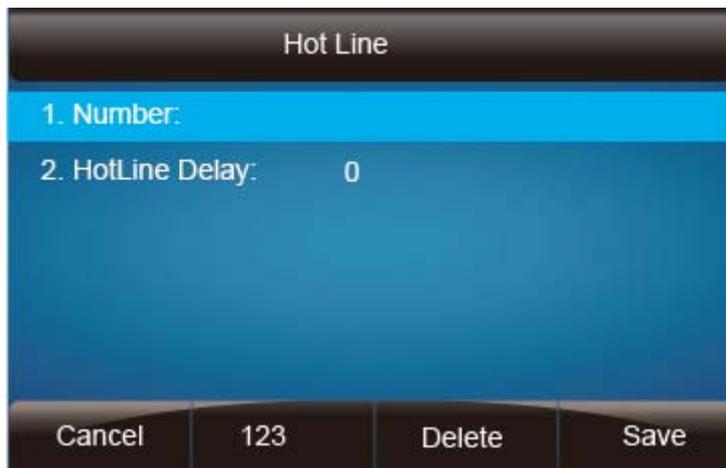
To disable Keypad Lock via Webpage

- Click Webpage Setting → Preference
- Choose Disable for the Phone Lock.
- Click Saveset to save the configuration.

7.19 Hot Line

To configure Hot Line

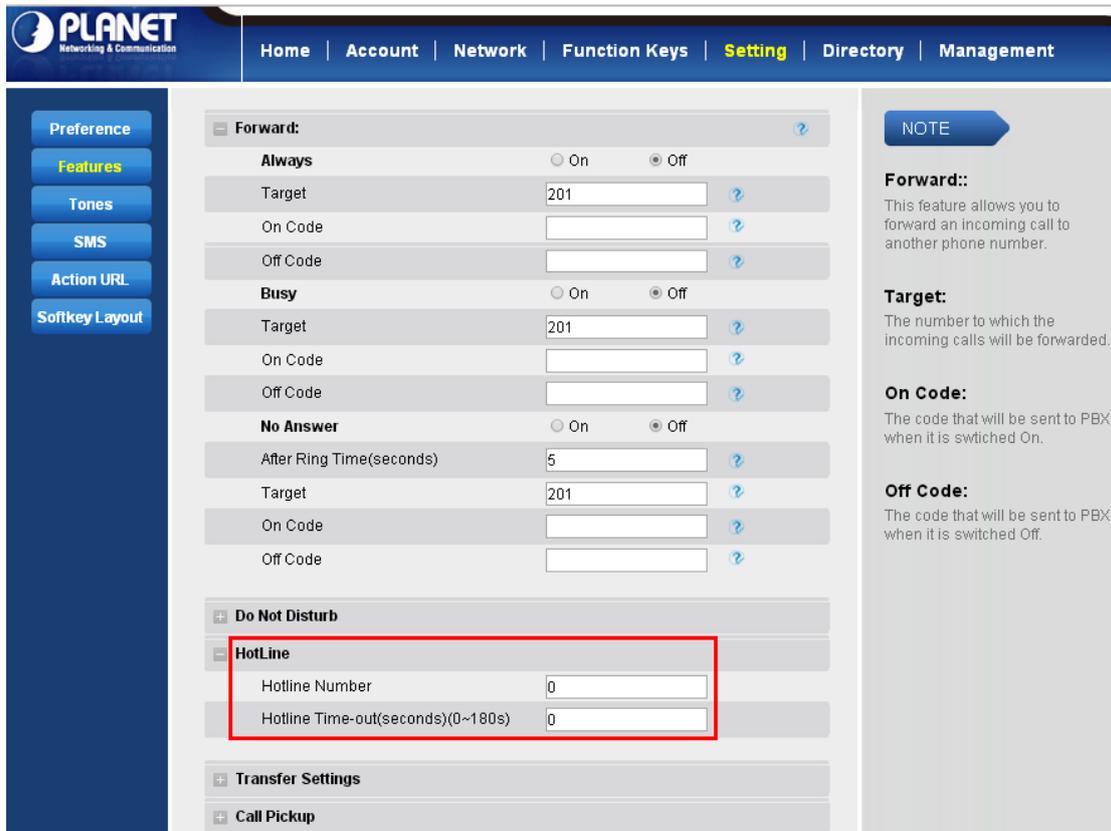
- Press Menu → Features → Hot Line
- Enter the number and delay time (At present, we support off hook auto dial.).
- Press  or Save soft key to save the configuration



To configure Hotline auto dial via Web Interface

- Setting → Features.
- Fill out the number in the Hotline Number and Hotline Time-out.

3. Click **SaveSet** to save the configuration.



The screenshot shows the configuration page for the IP phone. The 'Setting' tab is selected in the top navigation bar. On the left, there is a sidebar with buttons for 'Preference', 'Features', 'Tones', 'SMS', 'Action URL', and 'Softkey Layout'. The main content area is divided into several sections: 'Forward', 'Do Not Disturb', 'HotLine', 'Transfer Settings', and 'Call Pickup'. The 'Forward' section is expanded and contains three sub-sections: 'Always', 'Busy', and 'No Answer'. Each sub-section has a radio button for 'On' and 'Off', and a 'Target' field. The 'Always' and 'Busy' sections have 'On Code' and 'Off Code' fields. The 'No Answer' section has an 'After Ring Time(seconds)' field. The 'HotLine' section is highlighted with a red box and contains 'Hotline Number' and 'Hotline Time-out(seconds)(0~180s)' fields. On the right, a 'NOTE' sidebar provides explanatory text for 'Forward:', 'Target:', 'On Code:', and 'Off Code:'.

Delete the number and save the configuration, and then the Hotline auto dial is now cancelled.

8 Function Key Features Settings

8.1 Line

It works the same as Line keys.

To configure Line Feature via Web Interface

1. Click Function keys → Line or Memory Key.
2. Select the wanted Key and set as Line.
3. Select the Account.
4. Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Line	201	Account 1	
Key2	BLF	205	Account 1	
Key3	BLF	208	Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE
Key Type:
 The free function key Type Speed Dial,BLF,Key Event,Intercom,URL.
BLF:
 BLF setting require a phone restart

8.2 Speed Dial

With this feature, you can dial one directory by pressing the definite key.

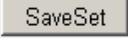
To configure Speed Dial feature via phone interface

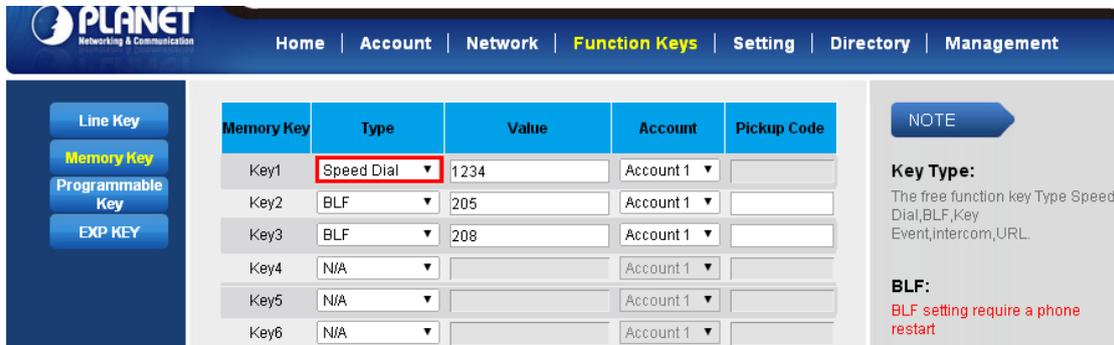
1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1(for example)
2. Press  and  or press  key to select the Speed Dial under the Type section.
3. Enter the targeted Number.
4. Press  or Save soft key to save the configuration

Then the selected Line or Memory key will work as Speed Dial.

To configure Speed Dial feature via Web Interface

1. Click Function keys → Line or Memory key.
2. Select the wanted Line or Memory key and set as Speed Dial.

3. Enter the desired phone number under the Value section.
4. Select the Account ID
5. Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Speed Dial	1234	Account 1	
Key2	BLF	205	Account 1	
Key3	BLF	208	Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

8.3 BLF

You can use the BLF (Busy Lamp Field) feature to monitor whether his phone is busy or free.

1. When the monitored line is idle, the light is steady green.
2. When the monitored line is ringing, the light is blinking red. Press the BLF key to pick the phone up directly.
3. When the monitored line is calling or in a conversation, the light is steady red.

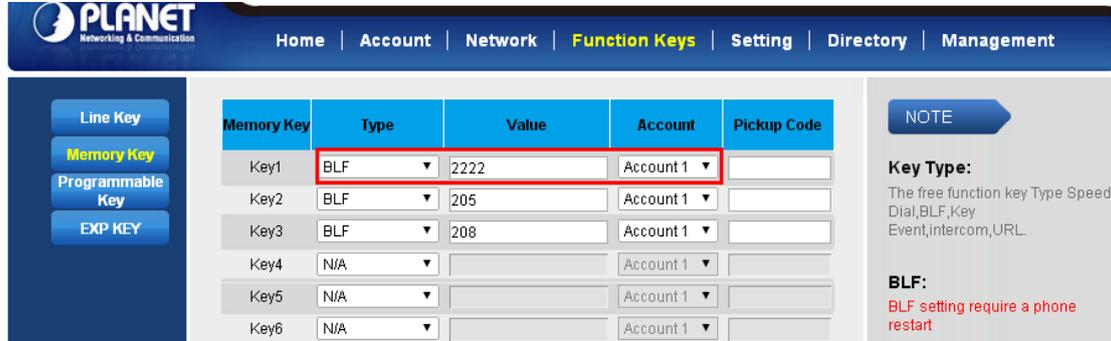
To configure a BLF key by phone

1. Press Menu →Features →Function Keys→Line or Memory keys as Function Keys → Memory key1 (for example).
2. Select the targeted Line or Memory key.
3. Press  and  or press  key to select the BLF under the Type section.
4. Enter the targeted Value Number.
5. Press  and  or press  key to select the Account ID.
6. Enter the Pickup Code.
7. Press  or Save soft key to save the configuration

To configure a BLF key by web

1. Click Function keys → Line or Memory key.
2. Select the desired Line or Memory key and select BLF under the Type section.
3. Enter the monitored phone number under the Value section.
4. Select the Account ID

5. Fill out the Pickup code.
6. Click to save the configuration and then restart.



Memory Key	Type	Value	Account	Pickup Code
Key1	BLF	2222	Account 1	
Key2	BLF	205	Account 1	
Key3	BLF	208	Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

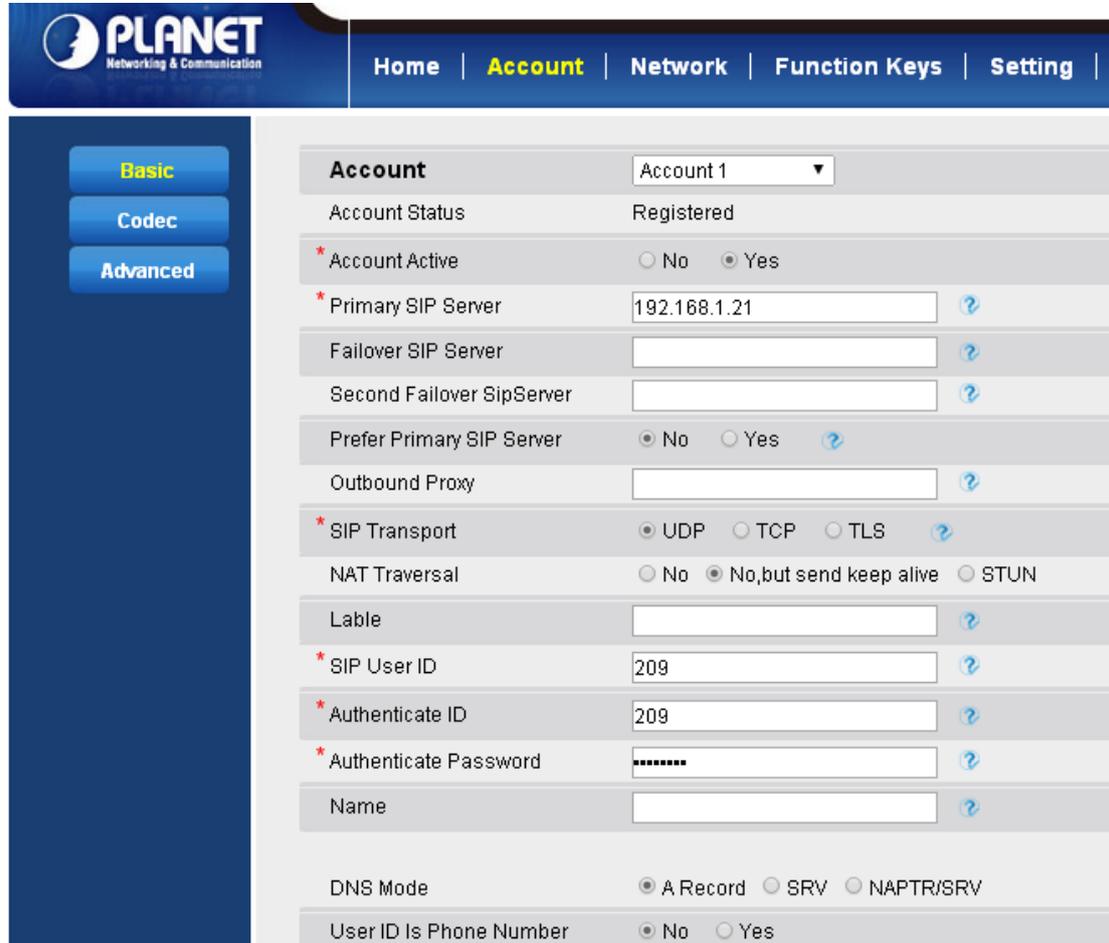


Note This feature must work with your proxy server. Please contact your SIP server provider to confirm it.

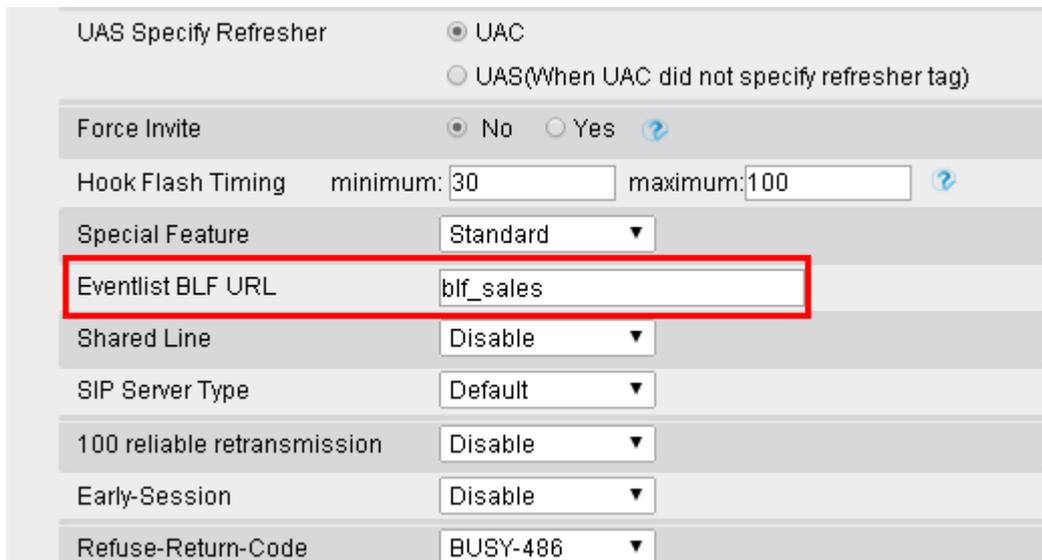
8.4 BLF List

To configure BLF List via web interface:

1. Login and click Account



2. Click Advanced and then fill out the Eventlist BLF URL.



3. To configure BLF List Keys

- 3.1 Click→Function Keys→Memory Key
- 3.2 Select the BLF List under the Type section.
- 3.3. Select Account.
- 3.4 Click Saveset to save the configuration and then restart the Phone.



Memory Key	Type	Value	Account	Pickup Code
Key1	BLF List	201	Account 1	
Key2	BLF List	205	Account 1	
Key3	BLF List	208	Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial, BLF, Key Event, intercom, URL.

BLF:
BLF setting require a phone restart

8.5 Voice Message

This phone supports Voicemail, and when there is message, the message will  be in light green. Moreover, when the handset is picked up, or the speaker key is pressed, you will hear some quick busy tone.

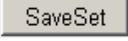


To configure the Voice mail feature via phone interface:

1. Press Menu → Messages → Voice Mail → Set Voice Mail.
2. Enter the Account 1/2/3/4 NO.
3. Press  or Save soft key to save the configuration

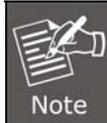
To configure Voice Mail Memory Key via Web Interface:

1. Click Function keys → Memory Key.
2. Select the wanted Key.
3. Enter the desired voicemail feature codes under the Value section.

4. Fill out the Label displayed on LCD.
5. Select the Account.
6. Click  to save the configuration.

To configure a Voice mail key by phone interface:

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example).
2. Select the targeted Line or Memory key.
3. Press  and  or press  key to select the Voice mail under the Type section.
4. Enter the Value Number.
5. Press  and  or press  key to select the Account ID.
6. Press  or Save soft key to save the configuration



This feature must work with your proxy server. Please contact your SIP server provider to confirm it.

8.6 Direct Pickup

With this feature, you can pick up the set line when it is ringing.

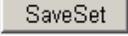
To configure Direct Pickup feature via phone interface

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
2. Press  and  or press  key to select the Speed Dial under the Type section.
3. Enter the value.
4. Press  or Save soft key to save the configuration

Then the selected Line or Memory key will work as Direct Pickup.

To configure Direct Pickup feature via Web Interface

1. Click Function keys → Line or Memory key.
2. Select the wanted Line or Memory key and set as Direct Pickup.
3. Enter the pickup code and follow the desired phone number under the Value section.
4. Select the Account ID

5. Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Direct Pickup	**333	Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

8.7 Group Pickup

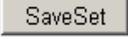
With this feature, you can pick up the specified group that you want incoming calls.

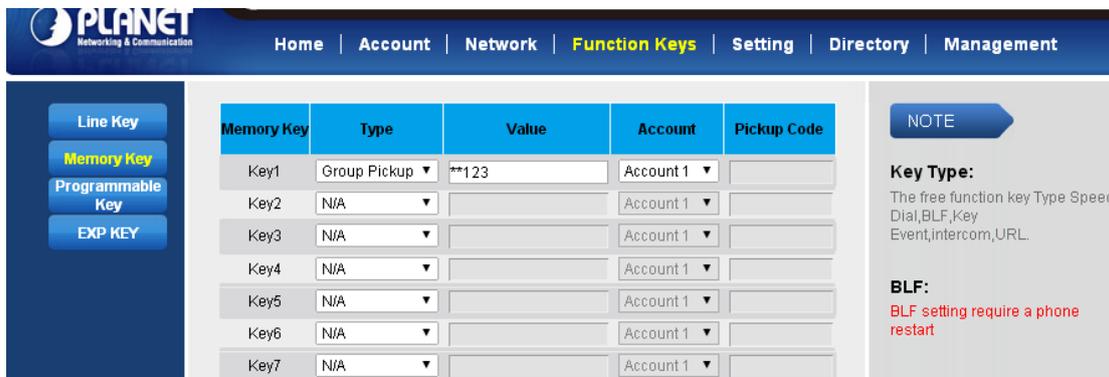
To configure the Pick up via phone interface

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the Group Pickup under the Type section.
4. Enter pickup code and follow the desired group number
5. Press  or Save soft key to save the configuration

To configure the Group Pickup via Web interface

1. Click Function keys → Line or Memory key.
2. Select the desired Line or Memory key and select Group Pickup under the Type section.
3. Enter the pickup code and follow the desired Group number under the Value section.

4. Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Group Pickup	**123	Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	
Key7	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial, BLF, Key Event, intercom, URL.

BLF:
BLF setting require a phone restart

8.8 Call Park

With this feature, you can put a call on hold and continue the conversation from another phone.

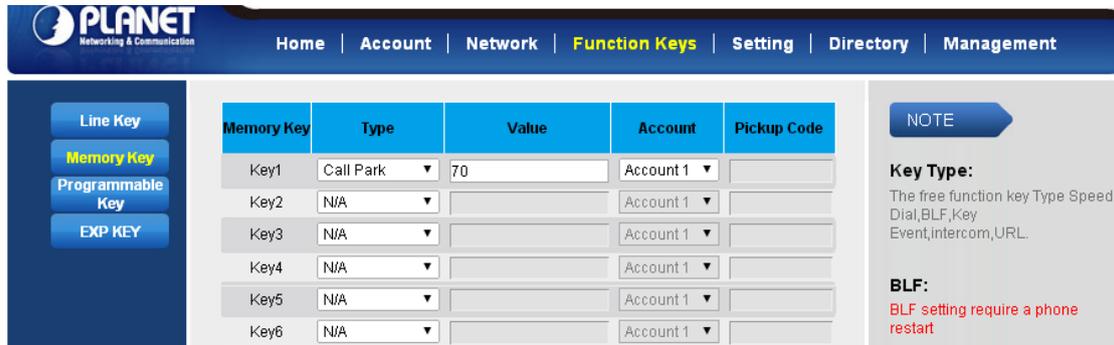
To configure the Call Park via phone interface

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press Switch soft key to select the Key Event under the Type section.
4. Press  and  or press Switch soft key to select the Call Park.
5. Press  or Save soft key to save the configuration

To configure the Call Park via Web interface

1. Click Function key → Line or Memory key.
2. Select the desired Line or Memory key and select Direct Pickup under the Type section.

- Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Call Park	70	Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

8.9 Intercom

When using the intercom feature, you can quickly get access to the connection to the configured one.

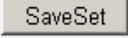
To configure intercom feature via phone interface

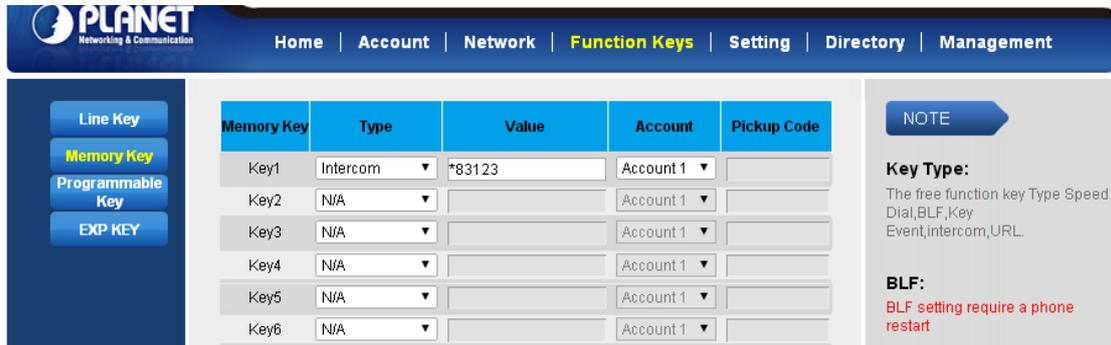
- Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
- Press  and  or press  key to select the intercom under the type section.
- Enter the intercom codes followed by desired number.
- Press  or Save soft key to save the configuration

Then the selected Line or Memory key will work as intercom.

To configure Intercom feature via Web Interface

- Click Function keys → Line or Memory key.
- Select the wanted Line or Memory key.
- Enter intercom codes followed by desired number under the Value section.
- Select the Account ID.

- Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Intercom	*83123	Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart



This feature must work with your proxy server. Please contact your SIP server provider to confirm it.

8.10 DTMF

When the key is configured as DTMF key, you are allowed to send out the desired DTMF number during the conversation. To use this feature, make sure that the DTMF Tone is on.

To configure the DTMF via Phone Interface

- Click Setting→Preference
- Select On for Keypad DTMF Tone.
- Click  to save the configuration.



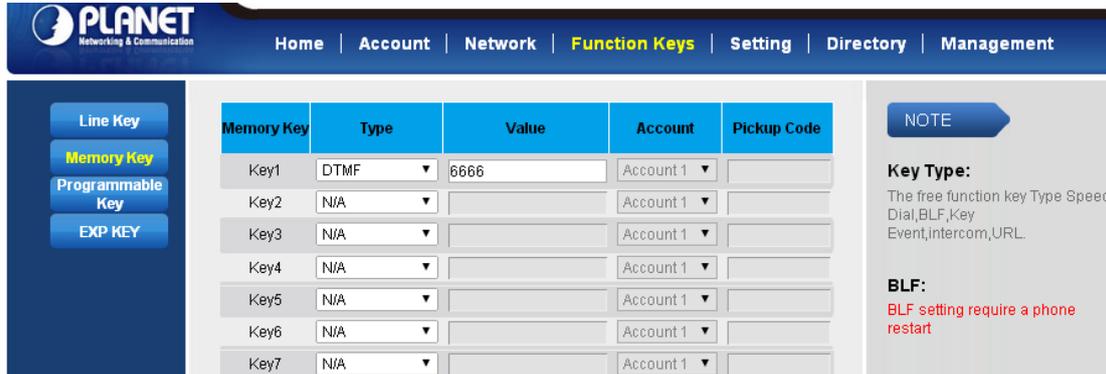
Keypad DTMF Tone On Off 

To configure the DTMF via Phone Interface

- Press Menu →Features →Function Keys→Line or Memory keys as Function Keys → Memory key1 (for example)
- Select the wanted Line or Memory key.
- Press  and  or press  key to select the DTMF under the Type section.
- Enter the value with the desired DTMF number.
- Press  or Save soft key to save the configuration.

To configure the DTMF via Web interface

1. Click Function keys → Line or Memory key.
2. Select the desired Line or Memory key and select DTMF under the Type section.
3. Fill out the value with the desired DTMF number.
4. Click to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	DTMF	6666	Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	
Key7	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

8.11 Prefix

If the key is configured as Prefix key, you can set the number prefix (e.g., before the number plus 9); then you don't input 9, press the key and 9 will display on the LCD interface.

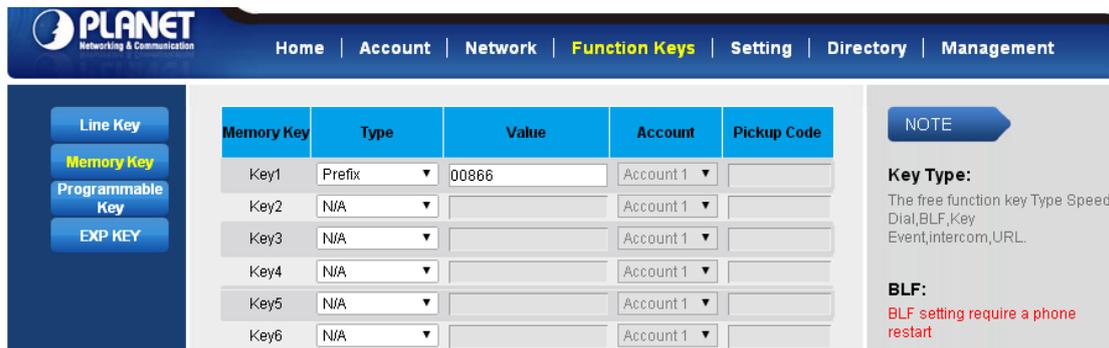
To configure the Prefix via Phone Interface

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the Prefix under the type section.
4. Enter the value with the number that you want to set as prefix.
5. Press  or Save soft key to save the configuration.

To configure the Prefix via Web interface

1. Click Function key → Line or Memory key.
2. Select the desired Line or Memory key and select Prefix under the Type section.
3. Fill out the value.
4. Click to save the configuration.

Then when you press this key, the set value is input directly.



Memory Key	Type	Value	Account	Pickup Code
Key1	Prefix	00886	Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

8.12 Local Group

When using the Local Group feature, press the key and enter the local Contacts interface quickly.

To configure the Local group via Phone Interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the Local group under the type section.
4. Press  or Save soft key to save the configuration

To configure the Local Group via Web interface

1. Click Function key → Memory Key.
2. Select the desired Key and select Local group under the Type section.
3. Click  to save the configuration.

Then you can press the local group key to access the pre-defined contact group in the local directory quickly.



Memory Key	Type	Value	Account	Pickup Code
Key1	Local Group		Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

8.13 XML Group

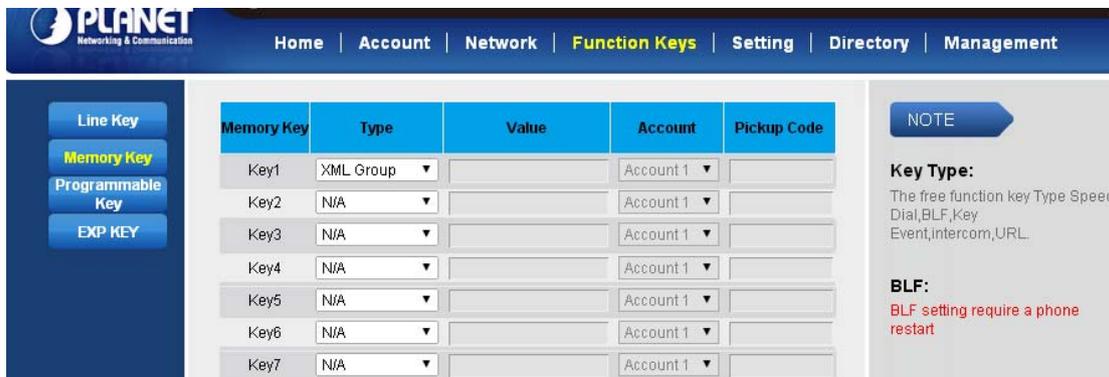
When using the XML Group feature, press the key and enter the Remote Contacts interface quickly.

To configure the XML group via Phone Interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the XML group under the Type section.
4. Press  or Save soft key to save the configuration.

To configure the XML Group via Web interface

1. Click Function key → Memory Key
2. Select the desired Key and select XML group under the Type section.
3. Click to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	XML Group		Account 1	
Key2	N/A		Account 1	
Key3	N/A		Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	
Key7	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial,BLF,Key Event,intercom,URL.

BLF:
BLF setting require a phone restart

8.14 LDAP

When using the LDAP feature, you can get the LDAP Phonebook directly.

To configure the LDAP via Phone Interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.

3. Press  and  or press  key to select the LDAP under the type section.

4. Press  or Save soft key to save the configuration.

To configure the LDAP via Web interface

1. Click Function key → Memory Key.
2. Select the desired Key and select LDAP under the Type section.
3. Click  to save the configuration.



8.15 XML Browser

You can use this key feature to access the XML browser quickly. The XML browser allows you to create custom services which meet your functional requirements on the server. You can customize practical applications, such as weather report, stock information, Google search, etc.

To configure the XML Browser via Phone Interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the XML Browser under the Type section.
4. Fill out the access URL for XML browser.
5. Press  or Save soft key to save the configuration.

To configure the XML Browser via Web interface

1. Click Function key → Memory Key.
2. Select the desired Key and select XML browser under the Type section.

3. Fill out the access URL for XML browser
4. Click  to save the configuration.

8.16 Broadsoft Group

When using the BroadSoft Group feature, press the key and enter the Remote Contacts interface quickly.

To configure the Broadsoft group via Phone Interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the Broadsoft group under the type section.
4. Press  or Save soft key to save the configuration.

To configure the Broadsoft group via Web interface

1. Click Function key → Memory Key.
2. Select the desired Key and select Broadsoft group under the Type section.
3. Click  to save the configuration.

8.17 Conference

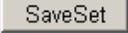
The Planet IP Phone supports up to 5-way conferencing. You are allowed to configure the programmable key to be used as a conference key. This key works the

same as .

To configure the Conference via Phone Interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the Conference under the type section.
4. Press  or Save soft key to save the configuration

To configure Conference via Web Interface

1. Click Function keys →Memory Key.
2. Select the desired Key and select Conference under the Type section.
3. Click  to save the configuration.

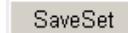
8.18 Forward

If the key is configured as Forward key, press this key under the idle status. The IP phone will turn to the Always Forward interface and you can set the Forward to number. When there is any call to the number, it will be forwarded to the set number automatically.

To configure the Forward via Phone Interface

1. Press Menu →Features →Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the Forward under the type section.
4. Enter the Number that is to be forwarded.
5. Press  or Save soft key to save the configuration.

To configure Forward via Web Interface

1. Click Function keys →Memory Key
2. Select the desired Key and select Forward under the Type section.
3. Enter the Value with the number you want to forward.
4. Click  to save the configuration.

8.19 Transfer

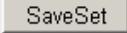
You are able to configure the key as a transfer key to perform the Blind/Attended Transfer.

To configure the Transfer via Phone Interface

1. Press Menu →Features →Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.

3. Press  and  or press  key to select the Transfer un the Type section.
4. Enter the Number that is to be transferred.
5. Press  or Save soft key to save the configuration.

To configure Transfer via Web Interface

1. Click Function keys →Memory Key
2. Select the desired Key and select Transfer under the Type section.
3. Enter the Value with the number that is to be transferred.
4. Click  to save the configuration.

8.20 Hold

The key can be configured as a hold key. You can use this key to hold and resume a call during the conversation.

To configure the Hold via Phone Interface

1. Press Menu →Features →Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the Hold under the type section.
4. Press  or Save soft key to save the configuration.

To configure Hold via Web Interface

1. Click Function keys →Memory Key
2. Select the desired Key and select Hold under the Type section.
3. Click  to save the configuration.

8.21 Group Listening

With this feature, you can use Headset, Handset and speaker at the same time.

To configure the Group listening via Phone Interface

1. Press Menu →Features →Function Keys → Memory keys as Function Keys →

- Memory key1 (for example)
2. Select the wanted Memory key.
 3. Press  and  or press  key to select the group listening under the Type section.
 4. Press  or Save soft key to save the configuration.

To configure Group listening via Web Interface

1. Click Function keys →Memory Key
2. Select the desired Key and select Group listening under the Type section.
3. Click  to save the configuration.

8.22 DND

If the key is configured as DND key, you are allowed to activate the DND function immediately when you press it and the phone is to reject all incoming calls automatically. Press it again to deactivate DND mode.

To configure the DND via Phone Interface

1. Press Menu →Features →Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the DND under the type section.
4. Press  or Save soft key to save the configuration.

To configure DND via Web Interface

1. Click Function keys →Memory Key
2. Select the desired Key and select DND under the Type section.
3. Click  to save the configuration.

8.23 Redial

If the key is configured as Redial key, you can redial the last placed call from the IP Phone.

To configure Redial via Web Interface

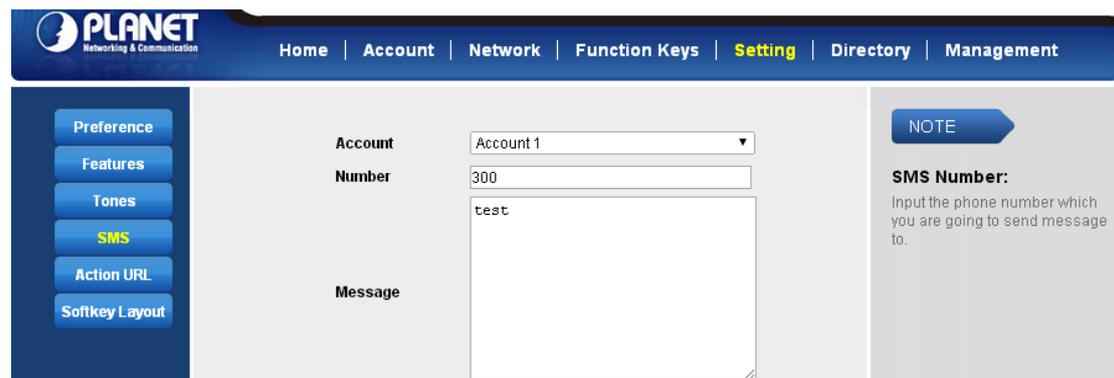
1. Click Function keys →Exp. Key.
2. Select the desired Key and select redial under the Type section.
3. Enter the Label displayed on LCD.
4. Click  to save the configuration.

8.24 SMS

8.24.1 Send SMS

To send SMS via web Interface

1. Click Setting→SMS
2. Select the account (from which the SMS is sent).
3. Enter the targeted number.
4. Input the content of SMS and click Send.



The screenshot shows the PLANET web interface. The top navigation bar includes 'Home', 'Account', 'Network', 'Function Keys', 'Setting' (highlighted), 'Directory', and 'Management'. On the left, a sidebar menu has 'Preference', 'Features', 'Tones', 'SMS' (highlighted), 'Action URL', and 'Softkey Layout'. The main content area contains a form with the following fields:

- Account:** A dropdown menu showing 'Account 1'.
- Number:** A text input field containing '300'.
- Message:** A text area containing 'test'.

On the right side, there is a 'NOTE' box with the text: 'SMS Number: Input the phone number which you are going to send message to.'

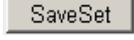
8.24.2 Set SMS Memory Key

To configure the SMS via Phone Interface

1. Press Menu →Features →Function Keys→Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Memory key.
3. Press  and  or press  key to select the SMS under the type section.
4. Press  or Save soft key to save the configuration.

To configure SMS via Web Interface

1. Click Function keys →Memory Key
2. Select the desired Key and select SMS in the Type.

3. Click  to save the configuration.

8.25 Record

With record feature, you can record calls by pressing the record key on the phone.

To configure the record via phone interface

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the Record.
4. Press  or Save soft key to save the configuration.

To configure the record via Web Interface

1. Click Function keys → Line or Memory key.
2. Select the desired Line or Memory key and select Record under the Type section.
3. Click  to save the configuration.

 Note	This feature must work with your proxy server. Please contact your SIP server provider to confirm it.
---	---

8.26 URL Record

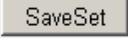
The phone sends HTTP URL request to trigger a recording. Contact your system administrator for the predefined URL.

To configure the URL record via phone interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the URL Record.
4. Press  or Save soft key to save the configuration

To configure the record via Web Interface

1. Click Function keys → Memory key.

2. Select the desired Line or Memory key and select URL Record under the Type section.
3. Click  to save the configuration.

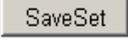
8.27 Paging

With this feature, you can call a phone directly.

To configure the paging via phone interface

1. Press Menu → Features → Function Keys → Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the Paging.
4. Enter the paging code followed by the number.
5. Press  or Save soft key to save the configuration.

To configure the Paging via Web interface

1. Click Function keys → Memory key.
2. Select the desired Memory key and select Paging under the Type section.
3. Enter the paging code followed by the number.
4. Click  to save the configuration.

8.28 Shared Line

This feature allows subscribers to share SIP lines. Moreover it also provides status monitoring of the shared line.

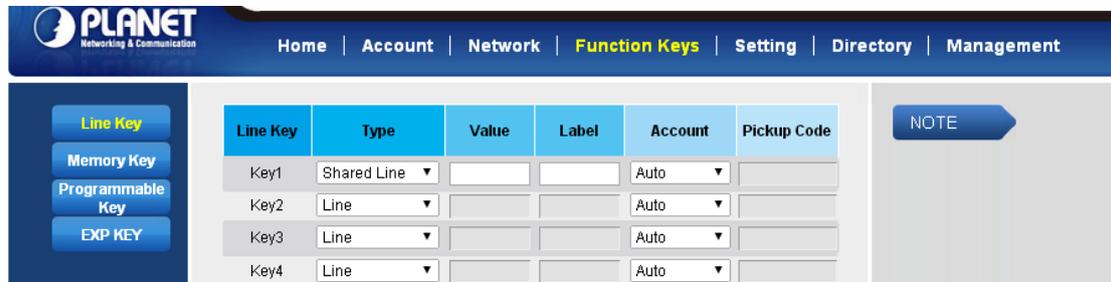
To configure the line key as shared line via phone interface

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the Shared Line under the type section.
4. Press  and  or press  key to select the Account ID.
5. Enter the Label.

6. Enter the Value.
7. Press  or Save soft key to save the configuration.

To configure the line key as shared line via Web Interface

1. Click Function keys → Line or Memory key.
2. Select the desired Line or Memory key and select Shared Line under the Type section.
3. Enter the Value.
4. Enter the Label.
5. Select the Account ID.
6. Click  to save the configuration and then restart.



Line Key	Type	Value	Label	Account	Pickup Code
Key1	Shared Line			Auto	
Key2	Line			Auto	
Key3	Line			Auto	
Key4	Line			Auto	

 This feature must work with your proxy server. Please contact your SIP server provider to confirm it.

8.29 Public Hold

The key can be configured as a public hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold or resume a call.

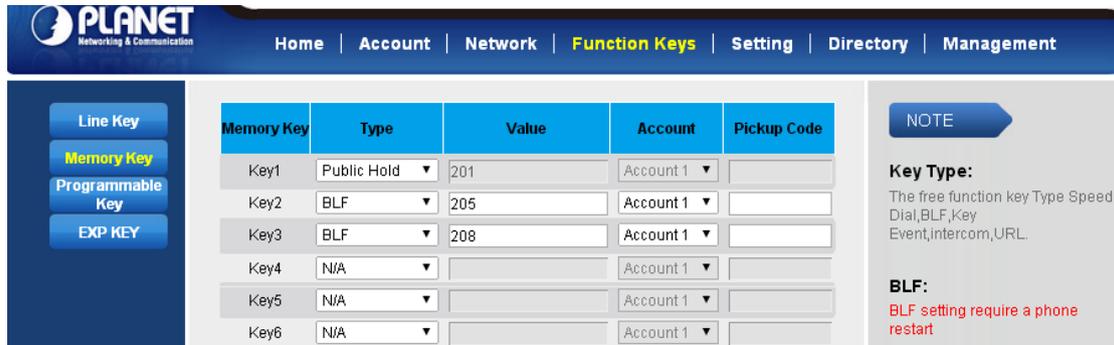
To configure the Public hold via phone interface

1. Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
2. Select the wanted Line or Memory key.
3. Press  and  or press  key to select the Public Hold.
4. Press  or Save soft key to save the configuration.

To configure public hold via Web Interface

1. Click Function keys → Memory Key.
2. Select the desired Key and select public hold under the Type section.

- Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Public Hold	201	Account 1	
Key2	BLF	205	Account 1	
Key3	BLF	208	Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial, BLF, Key Event, intercom, URL.

BLF:
BLF setting require a phone restart

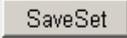
8.30 Private Hold

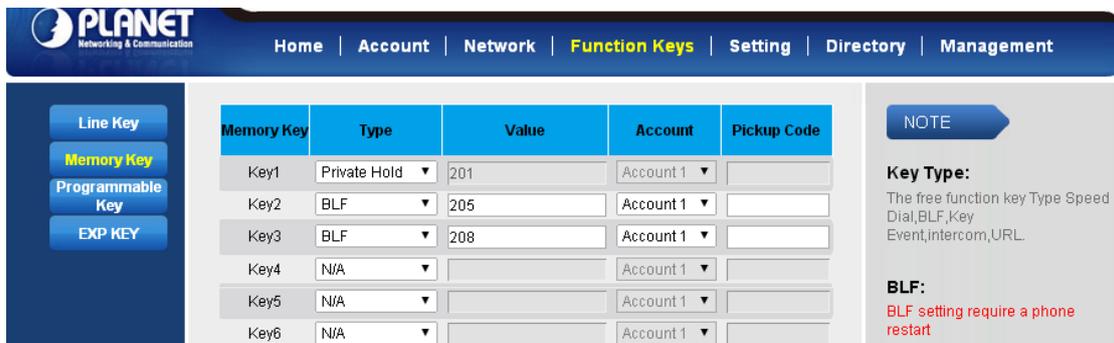
The key can be configured as a private hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold the call, but only the initiator can resume the call.

To configure the Private hold via phone interface

- Press Menu → Features → Function Keys → Line or Memory keys as Function Keys → Memory key1 (for example)
- Select the wanted Line or Memory key.
- Press  and  or press  key to select the Private Hold.
- Press  or Save soft key to save the configuration.

To configure private hold via Web Interface

- Click Function keys → Memory Key
- Select the desired Key and select public hold under the Type section.
- Click  to save the configuration.



Memory Key	Type	Value	Account	Pickup Code
Key1	Private Hold	201	Account 1	
Key2	BLF	205	Account 1	
Key3	BLF	208	Account 1	
Key4	N/A		Account 1	
Key5	N/A		Account 1	
Key6	N/A		Account 1	

NOTE

Key Type:
The free function key Type Speed Dial, BLF, Key Event, intercom, URL.

BLF:
BLF setting require a phone restart

9 Upgrade

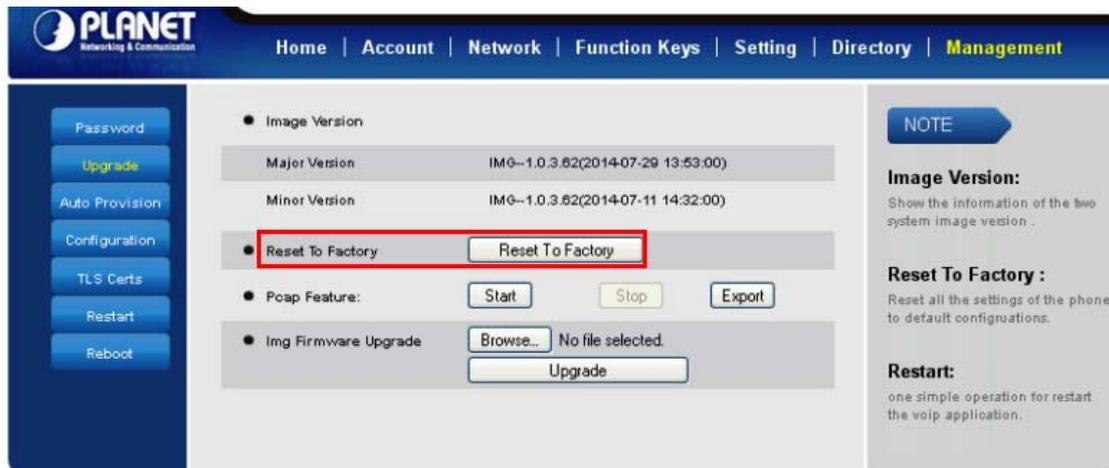
9.1 Factory Reset

To set Factory Reset by phone interface

1. Press Menu → Setting → Advanced Setting (default password: admin) → Factory Reset
2. Press OK soft key on the warning page.

To set Factory Reset via web interface

1. Click Management → Upgrade
2. Click  and then confirm the setting.

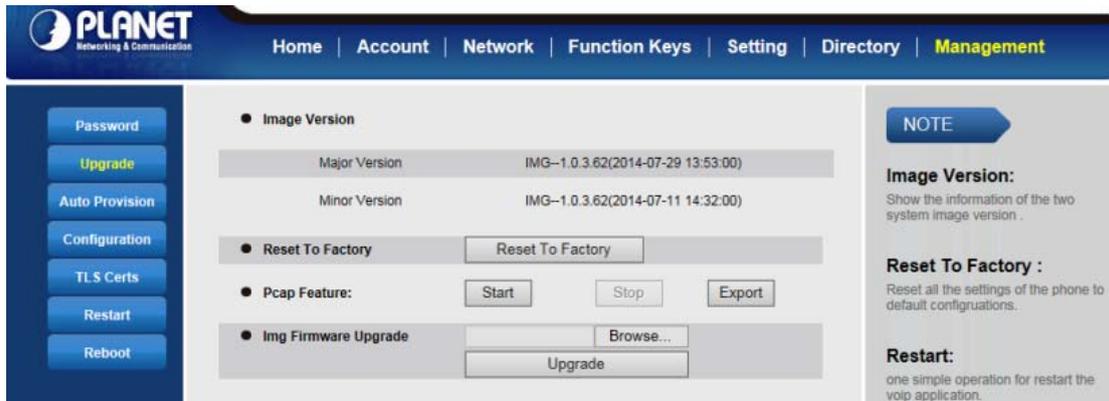


9.2 Pcap Feature

To use pcap via web interface:

1. Click Management→Upgrade
2. Click Start and then operate the phone
3. When the operation is done, click Stop and then click Export.

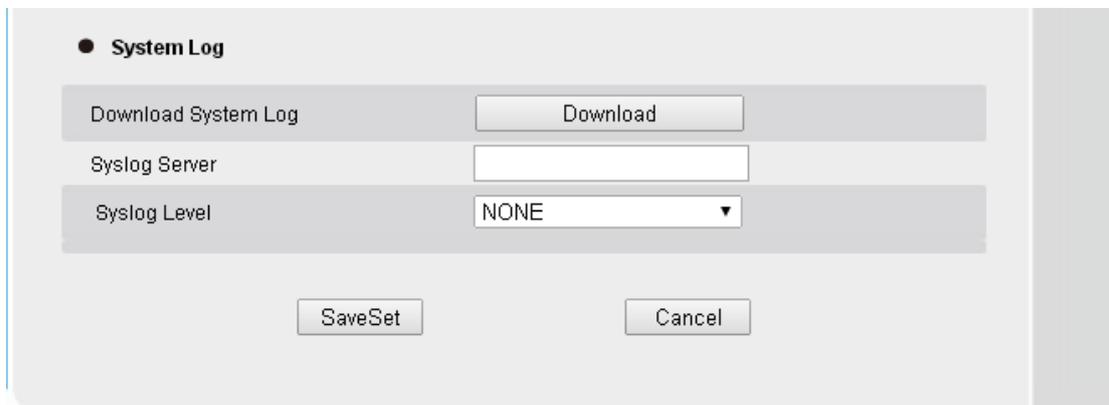
4. Then you'll get the Pacp captures.



9.3 System Log

To download system log via web interface:

1. Click Management→Configuration
2. Click of the system Log
3. Then you'll get a txt file: syslog.txt.



9.4 Upgrade

To upgrade software, this phone can be configured with a TFTP server where the new code image is located. The TFTP upgrade can work in either static IP or DHCP mode using private or public IP address. It is recommended to set the TFTP server address in either a public IP address or on the same LAN with the phone.

To configure the TFTP server via the Web configuration interface

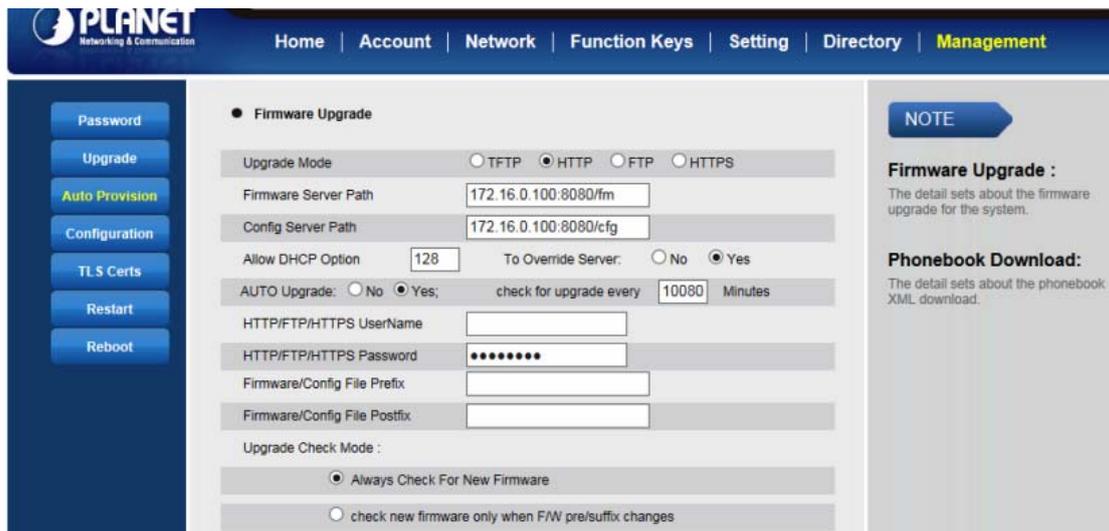
Input the admin password to enter the configuration screen. From there, enter the TFTP server address in the designated field towards the bottom of the configuration

screen. Once the TFTP server is configured, please power cycle the phone.

The TFTP process may take as long as 1 to 2 minutes over the Internet or just 20+ seconds if it is performed on a LAN. Users are recommended to conduct TFTP upgrade in a controlled LAN environment if possible. For those who do not have a local TFTP server, Planet provides a NAT-friendly TFTP server on the public Internet for firmware upgrade. Please check the Service section of Planet's Web site to obtain this TFTP server's IP address.

Directory to configure local TFTP

1. Unzip the file and put all of them under the root directory of the TFTP server.
2. The PC running the TFTP server and the UC IP Phone should be in the same LAN segment.
3. Go to File -> Configure -> Security to change the TFTP server's default setting from "Receive Only" to "Transmit Only" for the firmware upgrade.
4. Start the TFTP server on the UC IP Phone's web configuration page.
5. Configure the Firmware Server Path with the IP address of the PC.
6. Update the change and reboot the unit.



The screenshot shows the Planet IP Phone web configuration interface. The top navigation bar includes links for Home, Account, Network, Function Keys, Setting, Directory, and Management. The main content area is titled "Firmware Upgrade" and contains the following settings:

- Upgrade Mode:** Radio buttons for TFTP, HTTP (selected), FTP, and HTTPS.
- Firmware Server Path:** Text input field containing "172.16.0.100:8080/fm".
- Config Server Path:** Text input field containing "172.16.0.100:8080/cfg".
- Allow DHCP Option:** Text input field containing "128".
- To Override Server:** Radio buttons for No and Yes (selected).
- AUTO Upgrade:** Radio buttons for No and Yes (selected).
- check for upgrade every:** Text input field containing "10080" and "Minutes" label.
- HTTP/FTP/HTTPS UserName:** Text input field.
- HTTP/FTP/HTTPS Password:** Password input field with masked characters.
- Firmware/Config File Prefix:** Text input field.
- Firmware/Config File Postfix:** Text input field.
- Upgrade Check Mode:** Radio buttons for "Always Check For New Firmware" (selected) and "check new firmware only when F/W pre/suffix changes".

On the right side, there is a "NOTE" section with the following text:

Firmware Upgrade :
The detail sets about the firmware upgrade for the system.

Phonebook Download:
The detail sets about the phonebook XML download.

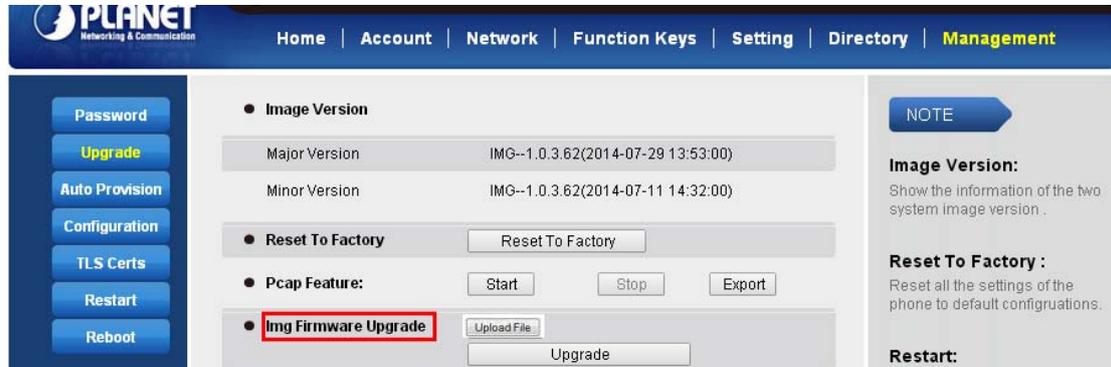
 Note

When Planet IP Phone boots up, it will send TFTP or HTTP request to download configuration files. There are two configuration files, one is "cfg.txt" and the other is "cfg00304fxxxxxx", where "00304fxxxxxx" is the MAC address of the phone. These two files are initially for automatically provisioning purpose only, and for normal TFTP or HTTP firmware upgrade. The following error messages in a TFTP or HTTP server log can be ignored. Download and install a free TFTP or HTTP server to the LAN to perform firmware upgrades. A free Windows version TFTP server is available:

To upgrade manually via the Web configuration interface

1. Download the firmware.

2. Click Management → Upgrade
3. Click Browser or the blank.
4. Select the firmware and then click .
5. Restart.

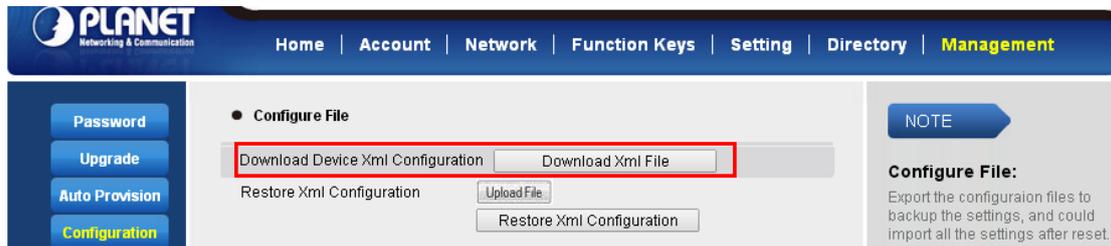


The screenshot shows the PLANET web interface with the 'Management' menu selected. On the left sidebar, the 'Upgrade' button is highlighted. The main content area has three sections: 'Image Version' showing Major and Minor versions, 'Reset To Factory' with a button, and 'Pcap Feature' with Start, Stop, and Export buttons. The 'Img Firmware Upgrade' section is highlighted with a red box and contains an 'Upload File' button and an 'Upgrade' button. A 'NOTE' box on the right provides information about the image version and the reset to factory function.

9.5 Configuration File

To download configuration file:

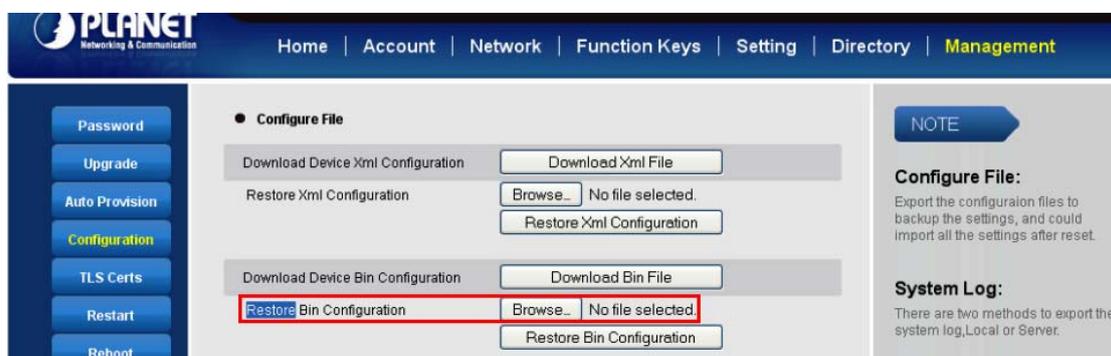
1. Click Management → Configuration → Download Device Configuration
2. Then you can get a file: cfg.bin



The screenshot shows the PLANET web interface with the 'Configuration' menu selected. The main content area has a 'Configure File' section with two options: 'Download Device Xml Configuration' (highlighted with a red box) and 'Restore Xml Configuration'. The 'Download Device Xml Configuration' option has a 'Download Xml File' button. The 'Restore Xml Configuration' option has an 'Upload File' button and a 'Restore Xml Configuration' button. A 'NOTE' box on the right explains the purpose of the configuration file.

To restore configuration file:

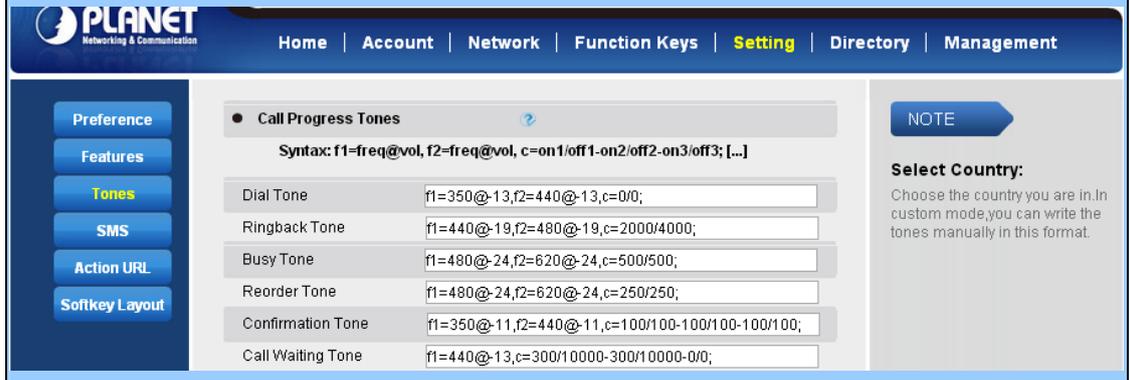
1. Click Management → Configuration → Restore configuration
2. Select the cfg.bin file and then Click .
3. Restart the phone.



The screenshot shows the PLANET web interface with the 'Configuration' menu selected. The main content area has a 'Configure File' section with two options: 'Download Device Xml Configuration' and 'Restore Xml Configuration'. The 'Download Device Bin Configuration' option is highlighted with a red box and has a 'Download Bin File' button. The 'Restore Bin Configuration' option is also highlighted with a red box and has a 'Browse...' button (with 'No file selected.' next to it) and a 'Restore Bin Configuration' button. A 'NOTE' box on the right explains the purpose of the configuration file and mentions the system log.

10 Appendix

10.1 Frequently Asked Questions List

<p>Q1: Why is the phone LCD screen blank?</p> <p>A1:</p> <ol style="list-style-type: none"> 1. Ensure your phone is properly plugged into a functional AC outlet. 2. Ensure that the phone isn't plugged into a plug controlled by a switch that is off. 3. If the phone is plugged into a power strip, try plugging it directly into a wall outlet instead. 4. If your phone is powered from PoE, ensure you use a PoE compliant switch or hub, or contact your system administrator for more information. 5. Check that the power LED is on to ensure the phone is powered on.
<p>Q2: Why does the phone display "Network Unavailable"?</p> <p>A2: Ensure that the Ethernet cable is plugged into the Internet port on the phone and the Ethernet cable is not loose. Ensure that the switch or hub in your network is operational. Contact your system administrator for more information.</p>
<p>Q3: Why can't I get a dial tone?</p> <p>A3: Check for any loose connections and that the phone has been installed properly. For the Installation instructions, refer to our quick installation guide. Check whether dial tone is present in one of the audio modes. Switch to the Handset, Headset (if present) or Hands-Free Speakerphone to check whether dial tone is present in one of the audio modes. If the dial tone exists in another audio mode, connect a different handset or headset to isolate the problem.</p>
<p>Q4: Where to set the tone?</p> <p>A4 : You can set the tone on web interface: Click Setting→Tones Define the dial tone, ringing, busy tone... For the tones, you can check with your system administrator.</p>
 <p>The screenshot shows the PLANET web interface for configuring tones. The navigation menu includes Home, Account, Network, Function Keys, Setting (highlighted), Directory, and Management. The 'Call Progress Tones' section is active, displaying a syntax: <code>f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2-on3/off3; [...]</code>. Below this, there are input fields for various tones with their default syntaxes: <ul style="list-style-type: none"> Dial Tone: <code>f1=350@-13, f2=440@-13, c=0/0;</code> Ringback Tone: <code>f1=440@-19, f2=480@-19, c=2000/4000;</code> Busy Tone: <code>f1=480@-24, f2=620@-24, c=500/500;</code> Reorder Tone: <code>f1=480@-24, f2=620@-24, c=250/250;</code> Confirmation Tone: <code>f1=350@-11, f2=440@-11, c=100/100-100/100-100/100;</code> Call Waiting Tone: <code>f1=440@-13, c=300/10000-300/10000-0/0;</code> A 'NOTE' box on the right states: 'Select Country: Choose the country you are in. In custom mode, you can write the tones manually in this format.'</p>

Q5: How to download XML Configuration

A5: Click Management→Configuration→

Download Xml File



PLANET Networking & Communication

Home | Account | Network | Function Keys | Setting | Directory | Management

Configure File

Download Device Xml Configuration | Download Xml File

Restore Xml Configuration | Browse... | No file selected. | Restore Xml Configuration

NOTE

Configure File:
Export the configuration files to backup the settings, and could import all the settings after reset.

Q6: How to Import TLS certificate

A6: Click Management→TLS Certs

Click Choose file to select the certificate.

Click



PLANET Networking & Communication

Home | Account | Network | Function Keys | Setting | Directory | Management

TLS Certificate File

Import TLS Certificate File | Browse... | No file selected. | Import TLS Certificate

NOTE

Password:
If you login as an administrator, you can modify admin's password here.

TLS Certs:
you can Import TLS certificate file here.

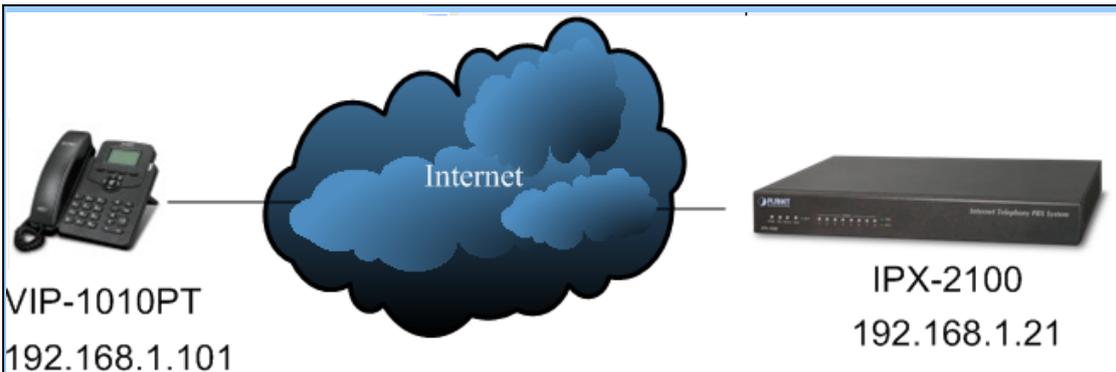
Q7: How to use LLDP

A7: VLAN Notes include:

1. Voice VLAN
2. Major benefits of using VLANs
3. VLAN discovery method on Planet IP phones
4. LLDP feature on Planet IP phones
5. Supports TLVS of IP Phones
6. Configuring LLDP feature
7. DHCP VLAN
8. Open the DHCP VLAN on Planet IP phones
9. VLAN in Bridge Mode
10. VLAN in NAT Mode

Q8: How to register VIP-6040PT to IPX-2100

A8:



[In IPX-2100]

For extensions, please create a new account and remember their user name and password.

PLANET Networking & Communication

Internet Telephony PBX System IPX-2100

Home
Operator
Basic
Extensions
Trunks
Outbound Routes
Inbound Control
Advanced
Network Settings
Security
Report
System

General

SIP: IAX2:
 Name: 204 Extension: 204
 Password: 123456 Outbound CID:
 DialPlan: DialPlan1 Analog Phone: None

Voicemail

Voicemail: VM Password: 1234
 Delete VMail: Email(Fax/Voicemail):

Other Options

Web Manager: Agent: Call Waiting:
 Allow Being Spied: Pickup Group: 1
 Mobility Extension: Mobility Extension Number:

VoIP Settings

NAT: Transport: UDP SRTP:
 DTMF Mode: RFC2833 Permit IP:

Video Options

Video Call:
 H.261 H.263 H.263+ H.264

Audio Codecs

alaw ulaw G.722 G.729 G.726 GSM Speex

Save Cancel

[In VIP-6040PT]

On Account/Basic page.

Account: Choose your account

Account Active = Yes

Primary SIP Server: 192.168.1.21

SIP Transport = Default is UDP

SIP user ID: 204 (in this case)

Authenticate ID: 204 (in this case)

Authenticate Password: 123456 (in this case)

After saving, user can check the register status in "Account Status" item.

PLANET
Networking & Communication

Home |
 Account |
 Network |
 Function Keys |
 Setting |
 Directory |
 Management

Basic
Codec
Advanced

Account	Account 1
Account Status	Registered
* Account Active	<input type="radio"/> No <input checked="" type="radio"/> Yes
* Primary SIP Server	192.168.1.21 ?
Failover SIP Server	<input type="text"/> ?
Second Failover SipServer	<input type="text"/> ?
Prefer Primary SIP Server	<input checked="" type="radio"/> No <input type="radio"/> Yes ?
Outbound Proxy	<input type="text"/> ?
* SIP Transport	<input checked="" type="radio"/> UDP <input type="radio"/> TCP <input type="radio"/> TLS ?
NAT Traversal	<input type="radio"/> No <input checked="" type="radio"/> No, but send keep alive <input type="radio"/> STUN
Lable	<input type="text"/> ?
* SIP User ID	204 ?
* Authenticate ID	204 ?
* Authenticate Password	***** ?
Name	<input type="text"/> ?
DNS Mode	<input checked="" type="radio"/> A Record <input type="radio"/> SRV <input type="radio"/> NAPTR/SRV

NOTE

* fields must be filled and require a phone restart

Basic:
The Basic Parameters set for administrator

Codecs:
Choose the codecs you want to use.

Advanced:
The Advanced parameters for administrator.