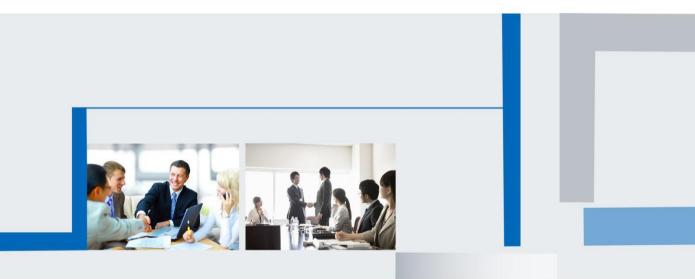


# **UC46 User Manual**



Version 2.0.4.4.24 Feb. 2018



# **Notices Information**

# Copyright

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# **Safety Instructions**

- To use the expansion module, please follow the instructions in this user manual.
- Use the power adapter supplied with your expansion module. Other power adapters may damage the expansion module.
- This expansion module is only for indoor use. And also avoid in high humidity, water and some other liquids.
- Do not use the expansion module during thunderstorms.
- CE
- FCC

### 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.

## Cleaning

To clean the device, use an anti-static cloth. Please avoid cleaning liquids as they might



damage the surface or internal electronics of the expansion module.

## **FCC Statement**

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.



# **Table of Content**

Notices Information	1
Copyright	2
Safety Instructions	2
WEEE Warning	2
Cleaning	2
FCC Statement	3
Table of Content	4
Getting Started	6
Packing List	6
Expansion Module Installation	8
1. Connect the expansion module and IP Phone	8
2. Attach the Foot stand	9
3. Connect the IP Phone and Power	9
Getting Familiar with Expansion Module	10
Hardware Components Preview	10
Icon Preview	11
Features Configuration	13
Screen Saver	13
Line	13
Speed Dial	14
BLF	15
BLF List	16
Voice Message	17
Direct Pickup	18
Group Pickup	18
Call Park	19
Intercom	20
DTMF	21
Prefix	22
Local Group	23
XML Group	24
LDAP	24
Broadsoft Group	25
Conference	25
Forward	26
Transfer	27
Hold	27
Group Listening	
DND	29
Redial	29
Call Return	



	SMS	. 30
	Record	. 31
	URL Record	. 32
	Paging	. 32
	Public Hold	. 33
	Private Hold	. 33
	Hot Desking	. 34
	ACD	. 35
	Zero Touch	. 35
	URL	. 36
	MultiCast Paging	. 36
Upg	Jrade	. 37
	IP Phone upgrades the expansion module FW	. 37
	Expansion module gets the fw46.rom from IP Phone	. 38

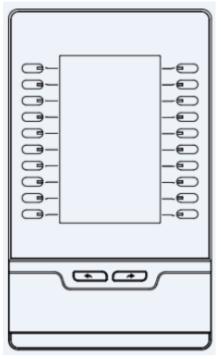


# **Getting Started**

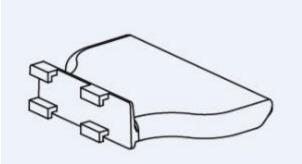
# **Packing List**

The package contains the following parts, please check if all the items are not missed:

1. The Expansion module device

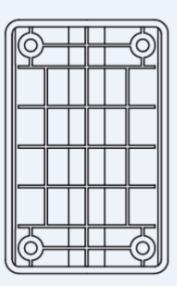


2. The Stand

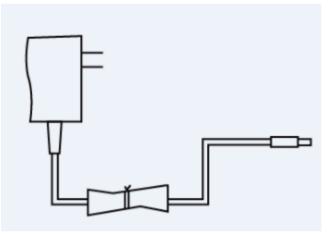


3. Connecting Sheet

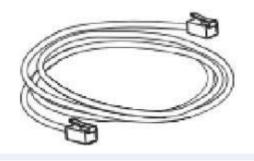




4. Power adapter



5. Ethernet cable/Connecting Cord



6. Quick installation reference



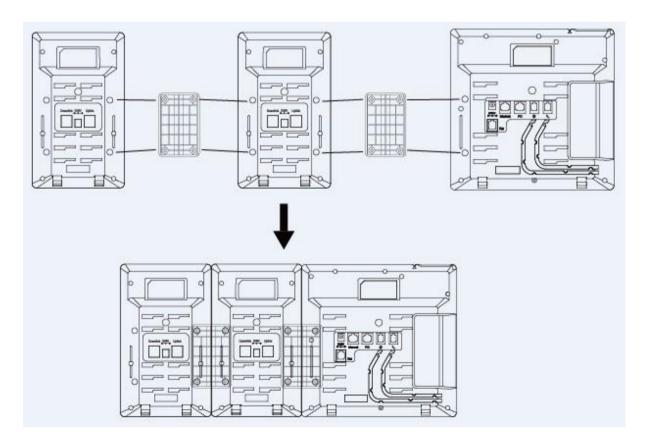


7. Quick installation reference



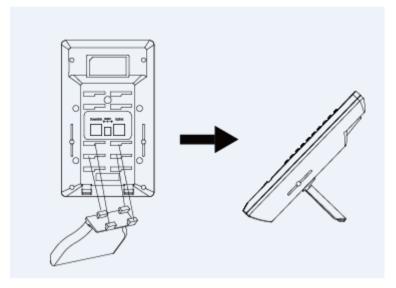
# **Expansion Module Installation**

# 1. Connect the expansion module and IP Phone

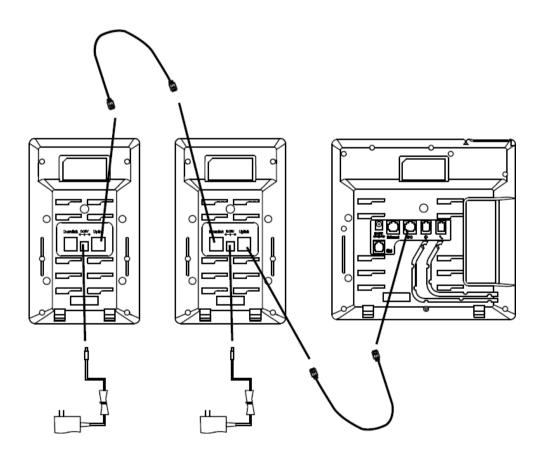




# 2. Attach the Foot stand



# 3. Connect the IP Phone and Power

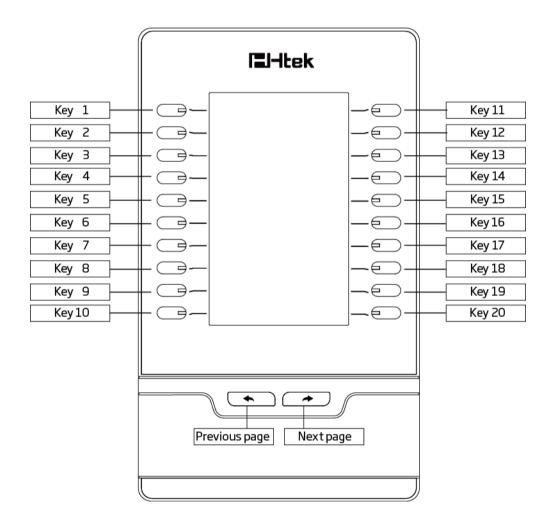




### Note :

- In order to use the UC46, you must first change a setting in the phone attached to the UC46 to accept Expansion Modules on the PC Port. This setting can be found in the phone menu under "Settings / Advanced Settings / Network / PC Port" or in the web GUI under "Network / PC Port".
- 2. Our expansion modules must be connected to the IP Phone's PC port and can't be connected to the any switches in a LAN.
- 3. Our IP phone UC860 can support six expansion modules at most.

# **Getting Familiar with Expansion Module**



### **Hardware Components Preview**



# **Icon Preview**

lcon	Description			
	Line(Registered succeed)			
	Line (Unregistered)			
	Line(Ringing)			
	Speed Dial			
8	BLF			
8	BLF(Ringing)			
*	BLF(Talking)			
	Voice messages			
*	Pick up			
P	Call Park			
	Intercom/Paging			
	DTMF			
±	Prefix			
XML	XML Group			
	Local Group			



æ	XML Browser			
	LDAP			
B	Broadsoft Group			
<del>44</del>	Conference			
	Forward			
<b>V</b>	Transfer			
	Hold			
<b>D</b>	Line on Hold			
8	DND			
<>>	Redial			
<	Call Return			
₩.	SMS			
	Record			
	Recording			
<b>(</b>	Group Listening			
۵	Shared Line			
()	Other Functions			



# **Features Configuration**

### **Screen Saver**

It supports a screen saver.

#### To configure screen saver via Web Interface:

- 1. Click Setting  $\rightarrow$ Perference.
- 2. Filled the time for Expansion screensaver time
- 3. Click the SaveSet to save the configuration.

				logout
Htek	Home   Account   I	Network   Function Keys   Set	ting   Directo	pry   Management
Preference	Web Language	English	3	NOTE
Features	Keypad DTMF Tone	🖲 On 🔍 Off 📀		ScreenSaver Photo:
BLF Settings	Handfree AGC	Disable Enable		You can only upload screen photos
Date&Time	Volume Amplification			in format of '.bmp' and '.jpg'.
	HandSet Send Volume	0dB default		
Tones	HeadSet Send Volume	0dB default		
SMS	HandFree Send Volume	0dB default		
Action URL	Backlight Time	0		
Softkey Layout	Screen Time Out	10 min 🔻		
Soffkey Layout	Expansion screensaver time	10 min 🔻		
TR069	Text Logo	5		
SIP	ScreenSaver Type	photo switch 🔻		
	Upload Screen Photo	选择文件 未选择任何文件	2	
		Upload Photo Cancel		

### Line

It works same as Line keys.

Line support three Mode (Default, lock and float)

**Default mode:** If the phone has a incoming call, it means that the phone will not jump to the first page when the first page set the line type and current page is four page.

Lock mode: it means that the other page's same position has the same line when the first



page set the line type.

**Float mode:** If the phone has a incoming call, it means that the phone will jump to the first page when the first page set the line type and current page is four page.

#### To configure Line Feature via Web Interface

- 4. Click Function keys  $\rightarrow$  EXP Key.
- 5. Select the wanted Key and set as Line.
- 6. Select the Account.
- 7. Click the SaveSet to save the configuration.

Htek		ome   Ac	count   No	etwork	Function Key	/s   Setting   I	<u>logout</u> Directory   Management
Line Key Programmable Key	Kay		pansion Ke		pansion 1	Piakun Code	NOTE
EXP KEY	Key Key1	Type	value	Label	Account Account 1 T	Pickup Code	
	Key2		•		Account 1 V		-
	Key3	N/A	•		Account 1 🔻		
	Key4	BLF	900		Account 1 🔻		

### **Speed Dial**

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

#### To configure Speed Dial feature via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the wanted Key and set as Speed Dial.
- 3. Enter the desired phone number in the Value field.
- 4. Filled the Label displayed on LCD
- 5. Select the Account.



# 6. Click the SaveSet to save the configuration.

Htek	-	ome   Acc	count   No	etwork	Function Ke	ys   Setting	<u>logout</u> Directory   Management
Line Key Programmable Key	Кеу	Exj	pansion Key Value	/ Exp	ansion 1	▼ Pickup Code	NOTE
ЕХР КЕҮ	Key1 Key2	Line DTMF	,		Account 1 ▼ Account 1 ▼		
	Key3 Key4	Speed Dia	, 900		Account 1  Account 1		

### BLF

You can use the BLF (Busy Lamp Field) feature to monitor a specific one 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 web

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select BLF in the Type.
- 3. Enter the monitored phone number in the Value field.
- 4. Filled the Label displayed on LCD.
- 5. Select the Account.
- 6. Filled the Pickup code.
- 7. Click the SaveSet to save the configuration.



Htek	<b>\</b>	ome   Acc	count   Ne	twork	Function Key	rs   Setting   [	<u>logout</u> Directory   Management
Line Key Programmable Key	Key	Exj	oansion Key Value	/ Exp	ansion 1	Pickup Code	NOTE
ЕХР КЕҮ	Key1 Key2 Key3 Key4	Line  Call Park Speed Dia BLF	691		Account 1 <b>v</b> Account 1 <b>v</b> Account 1 <b>v</b> Account 1 <b>v</b>		

#### Note :

This feature is not available on all servers. For more information, contact your system administrator.

After setting the BLF key, do not need to restart the phone.

### **BLF List**

#### To configure BLF List via web interface:

1.	Login	and	click	Account
----	-------	-----	-------	---------

* Account Active	O No 🔍 Yes
* Primary SIP Server	as.iop2.broadworks.net 📀
Failover SIP Server	•
Second Failover SipServer	(2)
Prefer Primary SIP Server	🖲 No 🗢 Yes 🕜
Outbound Proxy	?
* SIP Transport	● UDP ○ TCP ○ TLS 🕜
NAT Traversal	🔍 No 💿 No,but send keep alive 🔍 STUN
Lable	•
* SIP User ID	2404984031
*Authenticate ID	2404984031
*Authenticate Password	
Name	4031
DNS Mode	A Record O SRV O NAPTR/SRV



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

Force Invite	🖲 No 🛛 Yes 🕜
Hook Flash Timing	minimum: 30 maximum: 100 🕐
Special Feature	Standard 🔹
Eventlist BLF URL	blf_sales

- 3. To configure BLF List Keys
  - 3.1 Click Function keys  $\rightarrow$  EXP Key.
  - 3.2 Select the BLF List in the Type Field.
  - 3.3. Select Account

3.4 Click to	SaveS	Set the	e configu	iration.			
Htek		lome   Ac	count   N	etwork	Function Key	s   Setting   I	<u>loqout</u> Directory   Management
Line Key		Ex	pansion Ke	y Exp	oansion 1     ▼	]	NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line	·		Account 1 🔻		
	Key2	N/A			Account 1 🔻		
	Key3	BLF List	7		Account 1 🔻		

## **Voice Message**

#### To configure Voice Mail feature via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the wanted Key.
- 3. Enter the desired voicemail feature codes in the Value field.
- 4. Filled the Label displayed on LCD.
- 5. Select the Account.



6. Click the	SaveSe	to sa	ave the c	onfigura	ation.			
							Ŀ	ogout
	Н	ome   Acc	count   Ne	etwork	Function Key	ys   Setting	Directory   Management	
Line Key		Exp	pansion Key	/ Exp	ansion 1	۲	NOTE	
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code		
EXP KEY	Key1	Line •			Account 1 🔻			
	Key2	Voice Mail ▼	*02		Account 1 🔻			

### **Direct Pickup**

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

#### To configure Direct Pickup feature via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key..
- 2. Select the wanted Key and set as Direct Pickup.
- 3. Enter the pickup code and followed the desired phone number in the Value field.
- 4. Filled the Label displayed on LCD.
- 5. Select the Account.
- 6. Click the SaveSet to save the configuration.

Htek		lome   Acc	ount   N	etwork	Function Key	rs   Setting   [	<u>logout</u> Directory   Management
Line Key		Exp	ansion Ke	<b>y</b> Exp	ansion 1 🔹		NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line •			Account 1 🔻		
	Key2	Direct Picł 🔻	*04905		Account 1 🔻		

## **Group Pickup**

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

#### To configure the Group Pick up via Web interface



- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Group Pickup in the Type.
- 3. Enter the pickup code and followed the desired Group number in the Value field.
- 4. Filled the Label displayed on LCD..
- 5. Click the SaveSet to save the configuration.

							<u>logout</u>
<b>E</b> -Itek	н	ome   Acc	ount   N	etwork	Function Ke	ys   Setting	Directory   Management
Line Key		Exp	ansion Ke	<b>y</b> Exp	ansion 1	T	NOTE
Programmable Key EXP KEY	Кеу	Туре	Value	Label	Account	Pickup Code	
EAP RET	Key1	Line 🔻			Account 1 🔻		
	Key2	Group Picł V			Account 1 🔻		

# **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 Web interface

- 1. Click Function key  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Call Park in the Type.
- 3. Enter the park feature codes in the value field.
- 4. Filled the Label displayed on LCD.
- 5. Select the Account.
- 6. Click the SaveSet to save the configuration.



Htek	,	ome   Acc	ount   N	etwork	Function Keys	s   Setting	<u>logout</u> Directory   Management
Line Key		Exp	ansion Ke	<b>y</b> Exp	ansion 1 🔹		NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line 🔻			Account 1 🔻		
	Key2	Group Picł •			Account 1 🔻		
	Key3	Call Park 🔻	70	70	Account 1 🔻		
	Kev4	Speed Dia 🔻			Account 1 🔻		

#### Note:

Your VoIP PBX must support this feature and enable this feature.

### Intercom

When use the intercom feature, you can quickly get access connect to the configured Expansion.

#### To configure Intercom feature via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the wanted Key and select Intercom as the Type.
- 3. Enter the intercom codes followed by desired number in the Value field.
- 4. Filled the Label displayed on LCD.
- 5. Select the Account.
- 6. Click the SaveSet to save the configuration.



<b>I</b> -ltek	L.	ome   Ac	count   N	etwork	Function Keys	s   Setting	<u>logout</u> Directory   Management
Line Key Programmable Key	Key	Ex	pansion Ke Value	y Exp	ansion 1 •	Pickup Code	NOTE
ЕХР КЕҮ	Key1 Key2	Line Group Pick	•	70	Account 1  Account 1  Account 1		
	Key3 Key4 Key5	mercom	* 70 *5902	10	Account 1  Account 1 Account 1		

If you want to achieve the intercom feature, you must enable the "Allow Auto Answer By Call-Info"

- 1. Click the account
- 2. Select the desired account from the pull-down list of Account in the Account field.
- 3. Click the advanced
- 4. Enable the "Allow Auto Answer By Call-Info"
- 5. Click the button to save the configuration.

Send Anonymous	No	🛇 Yes 🕜
Anonymous Call Rejection	No	© Yes
Check SIP User ID	No	© Yes
Auto Answer	No	© Yes
Allow Auto Answer By Call-Info	© No	◎ Yes

#### Note :

This feature is not available on all servers. For more information, contact your system administrator.

### 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, you should sure that the DTMF Tone is on.

#### To configure the DTMF via Web interface

1. Click Setting → Preference



- 2. Select On for Keypad DTMF Tone.
- 3. Click to SaveSet the configuration. Keypad DTMF Tone On Off ?

#### To configure the DTMF via Web interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select DTMF in the Type.
- 3. Fill the value with the Desired DTMF number
- 4. Enter the Label displayed on LCD.
- 5. Click the SaveSet to save the configuration.

							logout
Htek	н	lome   Ac	count   N	etwork	Function Key	/s   Setting	Directory   Management
Line Key		Ex	pansion Ke	<b>у</b> Ехра	ansion 1	•	NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line			Account 1 💌		
	Key2	DTMF •	* 6		Account 1 💌		
	Key3	N/A	,		Account 1 💌		

### **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 Web interface

- 1. Click Function key  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Prefix in the Type.
- 3. Fill the value with number that you want to set as prefix



- 4. Enter Label displayed on LCD.
- 5. Click the SaveSet to save the configuration.

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

<b>E</b> -tek		ome   Ac	count   N	etwork	Function Key	s   Setting   [	<u>logout</u> Directory   Management
Line Key Programmable Key	Кеу	Ex	pansion Ke Value	y Exp	Account	Pickup Code	NOTE
EXP KEY	Key1 Key2 Key3	DTMF	• • • 90		Account 1  Account 1 Account 1		

### **Local Group**

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

#### To configure the Local Group via Web interface

- 1. Click Function key  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Local group in the Type.
- 3. Filled the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

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



Htek	-	lome   Acc	ount   N	etwork	Function Key	s   Setting   D	Directory   Management
Line Key Programmable Key	Key	Exp	ansion Ke	y Ex	pansion 1 •	Pickup Code	NOTE
EXP KEY			value	Laber		Pickup Code	
	Key1	Line •		1	Account 1 🔻		
	Key2	DTMF •			Account 1 🔻		
	Key3	Local Grot 🔻			Account 1 🔻		
	Key4	BLF V	900	1	Account 1 V		

## **XML Group**

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

#### To configure the Local Group via Web interface

- 1. Click Function key  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select XML group in the Type.
- 3. Filled the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

Htek	,	ome   Ac	count   N	etwork	Function Key	rs   Setting   I	<u>loqout</u> Directory   Management
Line Key Programmable Key	Кеу	Ex	pansion Ke Value	y Exp	ansion 1 •	Pickup Code	NOTE
EXP KEY	Key1 Key2 Key3 Key4	Line DTMF XML Group	•		Account 1 Account 1 Account 1 Account 1 Account 1		

## LDAP

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

#### To configure the LDAP via Web interface



- 1. Click Function key  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select LDAP in the Type.
- 3. Filled the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

<b>E</b> -Htek	Ľ	lome   Ac	count   No	etwork	Function Keys	s   Setting   I	logoui
Line Key Programmable Key	Кеу	Ex	pansion Ke <u>r</u> Value	y Exp	ansion 1 ▼ Account	Pickup Code	NOTE
EXP KEY	Key1 Key2	Line	T		Account 1 ▼ Account 1 ▼		-
	Key3 Key4	2071	• 900		Account 1 🔻		

# Broadsoft Group

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

#### To configure the Broadsoft group via Web interface

- 1. Click Function key  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Broadsoft group in the Type.
- 3. Filled the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

### Conference

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

#### To configure Conference via Web Interface



- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Conference in the Type.
- 3. Enter the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

<b>E</b> l-Itek	~	ome   Acc	ount   Ne	etwork	Function Keys	)   Setting   [	Directory   Management
Line Key Programmable		Exp	ansion Key	/ Exp	pansion 1 🔹		NOTE
Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line 🔻		1	Account 1 🔻	i i	
	Key2	DTMF •			Account 1 🔻		
	Key3	Conferenc •			Account 1 🔻		
	Key4	BLF 🔻	900		Account 1 🔻		

### 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, then when there is any call to the EXPension number will be forwarded to the set number automatically.

#### To configure Forward via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Forward in the Type.
- 3. Enter the Value with the number you want to forward
- 4. Enter the Label displayed on LCD.
- 5. Click the SaveSet to save the configuration.



Htek	~	iome   Ac	ccount   N	etwork	Function Key	/s   Setting	<u>Խօգօս։</u> Directory   Management
Line Key Programmable Key	Key	EX	xpansion Ke Value	y Expa	ansion 1	Pickup Code	NOTE
ЕХР КЕУ	Key1 Key2	Line	<ul> <li>★ *6</li> </ul>		Account 1 💌		•
	Key2 Key3 Key4	Forward	• 906		Account 1 - Account 1 -		

### Transfer

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

#### To configure Transfer via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Transfer in the Type.
- 3. Enter the Value with the number that wanted transfer to
- 4. Enter the Label displayed on LCD.
- 5. Click the SaveSet to save the configuration.

<b>E</b> -tek	ľ,	lome   Ac	count   N	etwork	Function Key	∕s   Setting	<u>logout</u> Directory   Management
Line Key Programmable Key	Кеу	Ех	pansion Ke <sub>Value</sub>	y Expa	ansion 1	• Pickup Code	NOTE
EXP KEY	Key1 Key2 Key3 Key4		•  *6 •  906		Account 1  Account 1 Account 1 Account 1 Account 1		

### 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 Hold via Web Interface



- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Hold in the Type.
- 3. Enter the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

<b>E</b> -tek	-	ome   Ac	count   No	etwork	Function Key	/s   Setting   I	<u>logout</u> Directory   Management
Line Key Programmable Key	Кеу	Ex	pansion Ke <u>r</u> Value	y Exp	ansion 1	Pickup Code	NOTE
EXP KEY	Key1 Key2	DTMF	•		Account 1  Account 1  Account 1		
	Key3 Key4	Tiola	• 900		Account 1   Account 1		

# **Group Listening**

#### To configure Group listening via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Group listening in the Type.
- 3. Enter the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

Htek		lome   Acc	count   Ne	twork	Function Keys	a   Setting	logout
Line Key Programmable Key	Key	Exp	oansion Key Value	Label	pansion 1 •	Pickup Code	NOTE
EXP KEY	Key1 Key2	Line • DTMF •			Account 1  Account 1		
	Key3 Key4	Group List • BLF •	900		Account 1 🔻		



### DND

If the key is configured as DND key, you are allowed to active 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 DND via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select DND in the Type.
- 3. Enter the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

							<u>logout</u>
Htek	н	ome   A	ccount   N	etwork	Function Keys	s   Setting	Directory   Management
Line Key		E	xpansion Ke	<b>y</b> Exp	pansion 1 🔹	]	NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line	•		Account 1 🔻		
	Key2	DTMF	•		Account 1 🔻		
	Key3	DND	•		Account 1 🔻		
	Key4	BLF	▼ 900		Account 1 🔻		

# 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  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select redial in the Type.
- 3. Enter the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.



	,		ccount   M		Function Key		Directory   Management
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line	•		Account 1 🔻		
	Key2	DTMF	•		Account 1 🔻		
	Key3	Redial	•		Account 1 🔻		
	Key4	BLF	▼ 900		Account 1 🔻		

## **Call Return**

When the key is configured as Call Return key you are allowed to dial out the last phone call you received.

#### To configure Call Return via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Call Return in the Type.
- 3. Enter the Label displayed on LCD.
- 4. Click the SaveSet to save the configuration.

	L						<u>logout</u>
	н	ome   Ac	count   Ne	etwork	Function Key	rs   Setting   I	Directory   Management
Line Key		Ex	pansion Key	/ Exp	ansion 1 🔹		NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line	/		Account 1 🔻		
	Key2	DTMF	·		Account 1 🔻		
	Кеу3	Call Return	<b>'</b>		Account 1 🔻		
	Key4	BLF	900		Account 1 🔻		

### **SMS**

#### To configure SMS via Web Interface

1. Click Function keys  $\rightarrow$  EXP Key.



- 2. Select the desired Key and select SMS in the Type.
- 3. Enter the Label.
- 4. Click the SaveSet to save the configuration.

	L						logout
	н	ome   Ac	count   N	etwork	Function Key	s   Setting	Directory   Management
Line Key		Ex	pansion Ke	<b>y</b> Exp	ansion 1 🔹	]	NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line	,		Account 1 🔻		
	Key2	DTMF	'	Í	Account 1 🔻		
	Key3	SMS	1		Account 1 🔻		
	Key4	BLF	900		Account 1 🔻		

### Record

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

#### To configure the record via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Record in the Type.
- 3. Enter the Label dispalyed on LCD.
- 4. Click the SaveSet to save the configuration.

<b>E</b> l-Itek	1	lome   A	ccount   Ne	etwork	Function Keys	s   Setting   D	lirectory   Management
Line Key Programmable		E	xpansion Ke	<b>y</b> Ex	pansion 1 🔹		NOTE
Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line	•		Account 1 🔻		
	Key2	DTMF	v	1	Account 1 🔻		
	Key3	Record	•		Account 1 🔻		
	Key4	BLF	▼ 900		Account 1 🔻		

#### Note:

Please contact the system administrator whether support this feature or not.

## **URL Record**

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

#### To configure the record via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Line or Line Key and select URL Record in the Type.
- 3. Enter the Label dispalyed on LCD
- 4. Click the SaveSet to save the configuration

Htek	L.	lome   Ac	count   Ne	etwork	Function Key	s   Setting   I	logout Directory   Management
Line Key Programmable Key	Key	Ex	pansion Key Value	Label	Dansion 1 •	Pickup Code	NOTE
EXP KEY	Key1 Key2	Ente	•		Account 1 T		
	Key3 Key4	URL Reco	900		Account 1 🔻		

### Paging

With this feature, you can call a phone or a group directly.

#### To configure the Paging via Web interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select Paging in the Type.
- 3. Enter the Paging codes followed by phone number or group number
- 4. Enter the Label dispalyed on LCD.
- 5. Click the SaveSet to save the configuration.



Htek	Ľ	lome   Ac	count   N	etwork	Function Key	s   Setting	logout Directory   Management
Line Key Programmable Key	Кеу	Ех	pansion Ke Value	y Expa	ansion 1 -	Pickup Code	NOTE
EXP KEY	Key1	Line		J	Account 1 💌		
	Key2	DTMF	*6		Account 1 📼		
	Key3	Transfer	906		Account 1 💌		
	Key4	Paging	632		Account 1 💌		
	Key5	N/A	-		Account 1 👻		

## **Public Hold**

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

#### To configure public hold via Web Interface

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select public hold in the Type.
- 3. Enter the Label dispalyed on LCD.
- 4. Click the SaveSet to save the configuration.

							log
<b>I</b> -ltek	н	ome   A	count   N	letwork	Function Key	vs   Setting	Directory   Management
Line Key		E	opansion Ko	<b>y</b> Exp	pansion 1		NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line	•		Account 1 🔻		
	Key2	DTMF	•		Account 1 🔻		
	Key3	Public Hol	•		Account 1 🔻		
	Key4	BLF	▼ 900		Account 1 🔻		
	Kev5	N/A	•		Account 1 V		

## **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 private hold via Web Interface



- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select public hold in the Type.
- 3. Enter the Label dispalyed on LCD.
- 4. Click the SaveSet to save the configuration.

<b>I</b> Htek	-	ome   Ac	count   N	etwork	Function Key	/s   Setting	logout
Line Key Programmable Key	Кеу	Ex Type	pansion Ke <u>r</u> Value	y Exp	ansion 1	• Pickup Code	NOTE
EXP KEY	Key1 Key2	Line DTMF	_		Account 1  Account 1		
	Key3 Key4	Private Ho BLF	7 900		Account 1 V Account 1 V		

# **Hot Desking**

To configure the hot desking via web interface:

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select hot desking in the Type.
- 3. Enter the Label dispalyed on LCD.
- 4. Select the Account.
- 5. Click the SaveSet to save the configuration.

							<u>logout</u>
Htek	н	ome   Ac	count   Ne	etwork	Function Key	rs   Setting	Directory   Management
Line Key		Ex	pansion Key	/ Exp	ansion 1 🔹	]	NOTE
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code	
EXP KEY	Key1	Line 🔹			Account 1 🔻		
	Key2	DTMF •	,		Account 1 🔻		
	Key3	Hot Deskii 🔻	·		Account 1 🔻		
	Key4	BLF	900		Account 1 🔻		



## ACD

#### To configure the ACD via web interface:

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select ACD in the Type.
- 3. Enter the Label dispalyed on LCD.
- 4. Select the Account.
- 5. Click the SaveSet to save the configuration.

<b>E</b> -Itek	-	ome   Ac	count   No	etwork	Function Key	vs   Setting   I	<u>loqout</u> Directory   Management
Line Key Programmable Key	Кеу	Ex	pansion Ke <u>r</u> Value	y Exp	ansion 1	Pickup Code	NOTE
EXP KEY	Key1 Key2 Key3 Key4	DTMF ACD	▼ ▼ ▼ ▼ 900		Account 1 Account 1 Account 1 Account 1 Account 1		

### **Zero Touch**

#### To configure the Zero Touch via web interface:

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select **Zero Touch** in the Type.
- 3. Enter the Label dispalyed on LCD.
- 4. Select the Account.
- 5. Click the SaveSet to save the configuration.



Htek		lome   Acc	ount   N	etwork	Function Keys	Setting   D	irectory   Management
Line Key Programmable Key	Key	Ехр	ansion Ke	y Ex	pansion 1 🔹	Pickup Code	NOTE
EXP KEY	Key1 Key2	Line T			Account 1 V		
	Key3 Key4	Zero Toucł 🔻	900		Account 1  Account 1		

### URL

#### To configure the URL via web interface:

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select **URL** in the Type.
- 3. Enter the Label dispalyed on LCD.
- 4. Click the SaveSet to save the configuration.

Htek		ome   Ac	count   Ne	etwork	Function Key	s   Setting   I	<u>logout</u> Directory   Management
Line Key Programmable Key	Кеу	Ех	pansion Key Value	/ Exp	Account	] Pickup Code	NOTE
EXP KEY	Key1 Key2	DTMF	•		Account 1 <b>v</b> Account 1 <b>v</b>		
	Key3 Key4	One	• 900		Account 1 <b>v</b> Account 1 <b>v</b>		

## **MultiCast Paging**

#### To configure the MultiCast Paging via web interface:

- 1. Click Function keys  $\rightarrow$  EXP Key.
- 2. Select the desired Key and select **MultiCast Paging** in the Type.
- 3. Enter the Label dispalyed on LCD.



4. Click the SaveSet to save the configuration.

Htek							lc	ogout
	н	ome   Ac	count   N	etwork	Function Key	s   Setting	Directory   Management	
Line Key		Ex	pansion Ke	<b>y</b> Exp	ansion 1 🔹	]	NOTE	
Programmable Key	Key	Туре	Value	Label	Account	Pickup Code		
EXP KEY	Key1	Line	r		Account 1 🔻			
	Key2	DTMF	'		Account 1 🔻			
	Key3	MultiCast	7		Account 1 🔻			
	Key4	BLF	900		Account 1 🔻			

# Upgrade

Hanlong UC46 Expansion Module upgrades in an indirect mode, first, the IP Phone that connects with expansion module upgrades the expansion module FW, then the expansion module upgrades via getting fw46.rom file from the phone. For detailed schedule, please see below instruction.

### **IP** Phone upgrades the expansion module FW

Before upgrade the expansion module, please make sure your IP Phone could upgrade



the expansion module FW (we suggest your IP Phone's FW version running later **1.0.3.98 FW**). The instructions for upgrade the expansion module FW on your phone are as follows:

(1) First enable "**Upgrade EXP Firmware**" option from Management->Auto provision-> Upgrade EXP Firmware

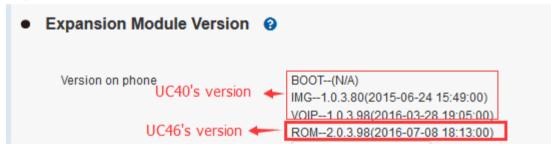
Upgrade EXP Firmware	©No ®Yes
HTTP/FTP/HTTPS UserName	
HTTP/FTP/HTTPS Password	•••••
Firmware/Config File Prefix	
Firmware/Config File Postfix	

- If set this option to Yes, the IP Phone will get fw46.rom file after rebooting IP Phone
- If set this option to NO, the IP Phone will not get fw46.rom file.

(2) Put the fw46.rom into the upgrade server path. You can upgrade by TFTP/HTTP/HTTPS/FTP.

(3) Set the server path at Webpage-Management-Auto Provision-Firmware Server Path.

(4) After you upgrade by TFTP/HTTP/HTTPS/FTP, please log on Webpage-Home-Expansion Module Version to check whether the expansion module FW has been upgraded successfully. See below picture



### Expansion module gets the fw46.rom from IP Phone

(1) Before connect the expansion module, please log on Webpage-Network-Basic-PC Port, choose to Connect to Expansion Module, and then click SaveSet. See below picture. Or Menu->Setting->Advanced Setting ->Network->PC port ->Connect to module on Phone LCD.



PC Port	
○ As Bridge	
Connect to Expansion Module	
O As Router	

- (2) Connect Phone's PC port and UC46's Uplink port with Ethernet cable
- (3) Power up UC46 expansion module, then UC46 would automatically get the expansion module FW from the phone, and automatically restart to finish the upgrade.
- (4) After upgrade, please check whether the FW show on the phone status is same as the FW show on the Webpage, If it is same, it means that the FW has been upgraded successfully. Below picture for reference.

٠	Expansion Module Version	0	
	Expansion Module 1		BOOT2.0.3.64(2016-07-05 14:05:00)
			IMG2.0.3.98(2016-07-08 18:13:00)
			ROM2.0.3.98(2016-07-08 18:13:00)
			Reboot
	Version on phone		ROM2.0.3.98(2016-07-08 18:13:00)
			Delete All

(5) If expansion module FW did not upgrade successfully, please restart the expansion module to upgrade the FW again.

Notes:

1. Only Color models, UC924/926 could connect to UC46 expansion module.

2. Please connect one expansion module with one phone for upgrade.

3. Please do not power off the phone during the upgrade. Otherwise it may cause damage to the phone and expansion module.