

Action URL URI Guide on Htek IP Phones



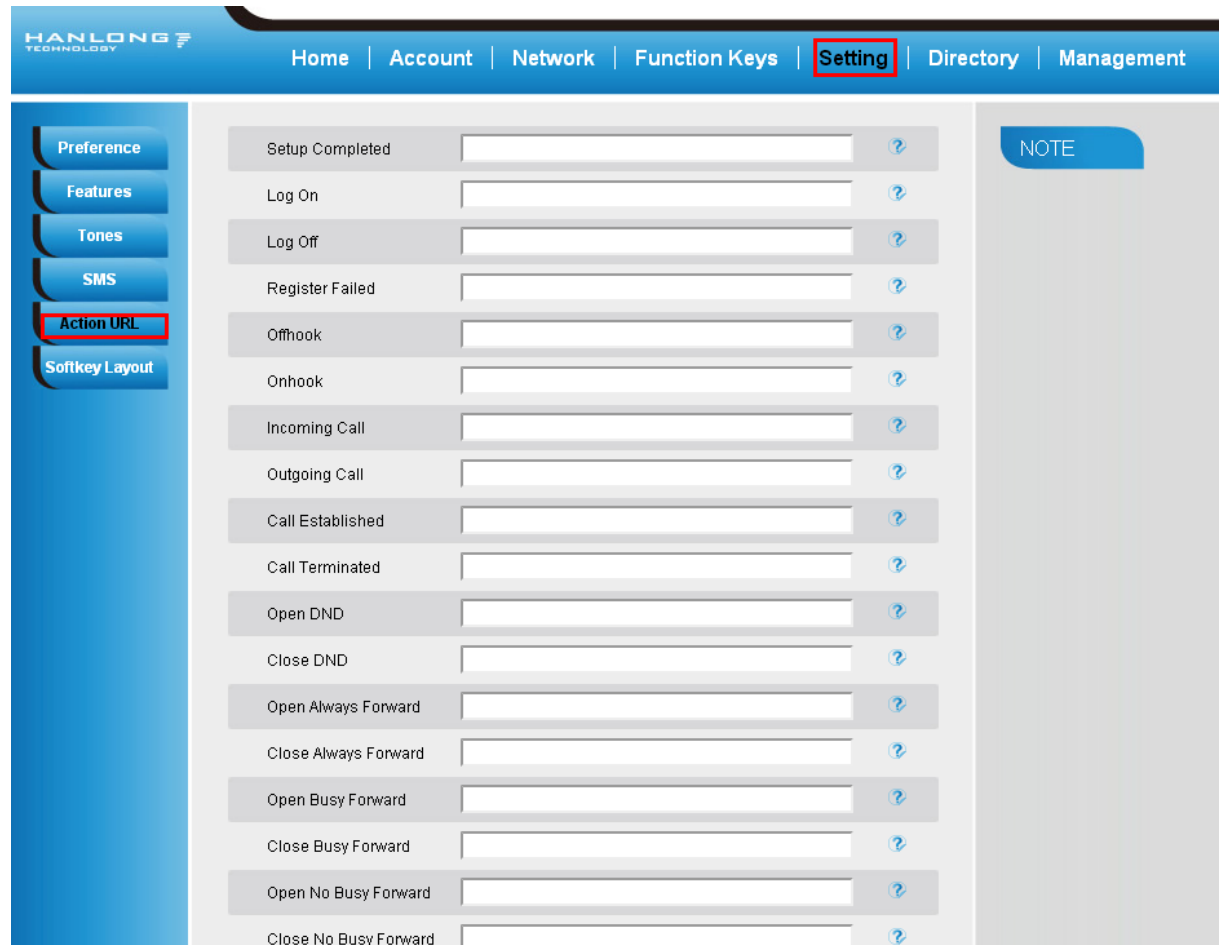
This paper is mainly introduce how to make a call by URL command.

1. Action URL

Record the operation of phone, send these corresponding information to server; action

1.1 To configure Action URL via web interface:

- 1) Choose Setting->Action URL
- 2) Enter the Corresponding contents.
- 3) Click Confirm to save the changes.



Setting	Value	Help
Setup Completed	<input type="text"/>	?
Log On	<input type="text"/>	?
Log Off	<input type="text"/>	?
Register Failed	<input type="text"/>	?
Offhook	<input type="text"/>	?
Onhook	<input type="text"/>	?
Incoming Call	<input type="text"/>	?
Outgoing Call	<input type="text"/>	?
Call Established	<input type="text"/>	?
Call Terminated	<input type="text"/>	?
Open DND	<input type="text"/>	?
Close DND	<input type="text"/>	?
Open Always Forward	<input type="text"/>	?
Close Always Forward	<input type="text"/>	?
Open Busy Forward	<input type="text"/>	?
Close Busy Forward	<input type="text"/>	?
Open No Busy Forward	<input type="text"/>	?
Close No Busy Forward	<input type="text"/>	?

1.2 The Action URL variables supported are:

- \$mac --> current MAC address of the phone
- \$ip --> current IP address of the phone
- \$model --> the phone model
- \$firmware --> current firmware version of the phone
- \$active_url --> the SIP URI of the active outgoing identity
- \$active_user --> the user part of the SIP URI for the active outgoing identity
- \$active_host --> the host part of the SIP URI for the active outgoing identity
- \$local --> the SIP URI of the local identity (your phone's number)
- \$remote --> the SIP URI of the remote identity (the other party's phone number)
- \$display_local --> used to display your phone's display name

\$display_remote --> used to display the other party's display name

\$call_id --> the call-id of the active call

For example:

The action URL format is <http://server ip address/variable value...>

When set the following Action URL to the IP Phone(UC860, MAC-001FC11A8B6C, IP-192.168.0.157) incoming call:

[192.168.0.252/\\$mac/\\$ip](http://192.168.0.252/$mac/$ip)

When other phone call the ip phone then

192.168.0.252/001fc11a8b6c/192.168.0.157

2. URI: Remote control phone for corresponding operation

2.1 Dial out & Hangup

Please use the followed URL to dial out or hang up a call.

http://admin:password@IP_Address/Phone_ActionURL&Command=%command%&Number=%number%&Account=%account%

For example:

When use the phone which IP address is 192.168.0.124 to call the number 206 via the account 1, the action URI is:

http://admin:admin@192.168.0.124/Phone_ActionURL&Command=1&Number=206&Account=1

Notes:

1. By default the password for admin is admin, you can use also user: 1234 to dial out a call.
2. Command=1 means dial out ; Command=2 means hang up
3. Number: the number which you want to dial out
4. Account: the account which you want to user for dial out, pay attention :

account=1, it match the account 1;

account=2, it match the account2;

account=3, it match the account3;

account=4, it match the account4;

if do not mentioned one specific Account or not match the value above, it will choose an available account automatically.

2.2 The other actions:

2.2.1 The URI format is as follow:

http://admin:password@IP_Address/Phone_ActionURL&Command=%command%&key=%key_vaule%

Notes:

1. Command=3 means the other actions;
2. You also can input the URI as follows for this action fuction:
http://admin:password@IP_Address/Phone_ActionURL&key=%key_vaule%

2.2.2 the current support key

- To answer the call: key=OK/key=ENTER
- To turn on speaker mode: key=SPEAKER
- Press transfer button: key=F_TRANSFER
- Increasing the volume: key=VOLUME_UP
- Reduce the volume: key=VOLUME_DOWN
- To mute the call: key=MUTE
- To hold the call: key=F_HOLD
- To end the call: key=X
- To enter the DTMF number(include Numeric, * or # keys): key=0-9 * POUND
- Press a line key: key=L1-L4
- Press a DSS key: key=D1-D10
- Press Conference button: key=F_CONFERENCE
- Press a soft key: key=F1-F4
- Press Message button: key=MSG
- Press Headset button: key=HEADSET
- Press RD button: key=RD
- Press navigation key: key=UP/ DOWN/ LEFT/ RIGHT
- To reboot the phone: key=Reboot
- To check the Auto provision: key=AutoP
- To enable DND: key=DNDOOn
- To disable DND: key=DNDOff

For example:

When use the “action URI” to [mute the call](#), you can send the action URI as follows:
http://admin:password@IP_Address/Phone_ActionURL&key=MUTE

Notes:

1. The URI is case sensitive
2. In IDLE status, if you input the URI with key=OK or key = ENTER, the effect is the same as you press “ok” button in the idle status (access to the Status page).
3. In IDLE status, if you input the URI for key=X, the phone will prompt if you want to reboot since it is the same as long press the X or C button. Then you need to input key=OK or ENTER to confirm the warning.