

Adding a Yealink Handset

179 Mark Simcoe Wed, Nov 15, 2017 [3rd Party Hardware](#) 1606

Adding a Yealink Handset to IC-talk HC

You **MUST** have a licence which includes 3rd Party Endpoint support and Endpoint Manager on the system

First add an extension as per normal procedures see [Extensions - SIP](#)

Add the brand to your system (if not already setup) as below;

The screenshot shows the IC-talk HC web interface. The top navigation bar includes 'Modules', 'Basic Mode', 'Dashboard', and 'UCP', with an 'Apply Config' button on the right. A sidebar menu is open, listing various system modules. The 'Endpoint Manager' option is highlighted with a red circle. Below the sidebar, the 'Endpoint Manager' page is displayed, featuring an 'About Endpoint Manager' section and a red circle around a menu icon on the right side of the page.

Admin Administrators Asterisk CLI Asterisk Modules Backup & Restore Blacklist Bria Cloud Solutions Bulk Handler CID Superfecta CallerID Lookup Sources Certificate Management Class of Service	REST API RMS Management Sound Languages System Admin System Recordings User Management XMPP XactViewV3 Admin Zulu Applications Announcements Appointment Reminder	Follow Me IVR Languages Misc Applications Misc Destinations Paging and Intercom Park and Announce Parking Queue Callback Queue Priorities Queues Ring Groups	DAHDI Channel DIDs DAHDI Config Firewall Inbound Routes Outbound Call Limit Outbound Routes SIPSTATION Trunks Reports Asterisk Info Asterisk Logfiles CDR Reports	Weak Password Detection Settings Advanced Settings Asterisk IAX Settings Asterisk Logfile Settings Asterisk Manager Users Asterisk REST Interface Users Asterisk SIP Settings CRM Settings EndPoint Manager
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Endpoint Manager

About Endpoint Manager

This module is used to automatically provision & configure Desk Phones, Wireless Phones, Door Phones, Overhead Paging Devices, Gateways, and Specialty devices from supported manufacturers.

For information and instructions on using Endpoint Manager, please see the Endpoint Manager Wiki .

To get started please choose an option in the ☰ Menu on the right.



EndPoint
Global Settings
Extension Mapping
Brands
Aastra
Cisco
Cyberdata
Panasonic
Polycom
Sangoma
Advanced
Add Brand
...

Add a New Brand

Select a new Brand

[Algo](#)
And
Audiocodes
Cortelco
Digium
Grandstream
Htek
Incom
Konftel
Mitel
Mocet
Obihai
Phoenix
Snom
Uniden
Vtech
Xorcom
Yealink

Please then configure the base template for the new brand (suggested settings are below);

Endpoint Manager

New Yealink Template

On this page you can create templates for yealink Phones

Remove **Export** **Duplicate**

Template Name

Default Internal Template Yes No

Default External Template Yes No

Destination Address

Provision Server Protocol

Provision Server Address

PhoneApps Protocol

Time Zone

Primary Time Server

Time Server 2

Daylight Savings

Background Image

Line Label

Multicast Enable

Multicast Address

Dial Patterns

Firmware Version

Config Style

Click on Save and Apply

Available Phones

CP860	SIP-T18P	SIP-T19P	SIP-T19PE2	SIP-T20P	SIP-T21E2	SIP-T21P	SIP-T21PE2	SIP-T22P
SIP-T23G	SIP-T23P	SIP-T26P	SIP-T27G	SIP-T27P	SIP-T28P	SIP-T29G	SIP-T32G	SIP-T38G
SIP-T40P	SIP-T41P	SIP-T41S	SIP-T42G	SIP-T42S	SIP-T46G	SIP-T46S	SIP-T48G	SIP-T48S
SIP-T49G	VP-2009	VP530	WS2P	WS6P				

Expansion Modules

EXP38-1	EXP38-2	EXP38-3	EXP38-4	EXP38-5	EXP38-6	EXP39-1	EXP39-2	EXP39-3	EXP39-4
EXP39-5	EXP39-6	EXP40-1	EXP40-2	EXP40-3	EXP40-4	EXP40-5	EXP40-6		

You should select the models you want to have active and then configure any base buttons and press save. Once complete press to save again and apply.

Next you should select the Firmware Management button;




Drag the required firmware package over and press submit, the software will start to download.


Endpoint Manager

Firmware Revisions for Yealink

List Brands

Available Firmwares	Firmware Slot 1	Firmware Slot 2
0.00 0.01 1.00 1.01 1.02 1.03 1.04 1.05 1.06 1.07 1.08 1.09 1.10 1.11 1.12 1.13 1.14 1.15 1.16	1.17	

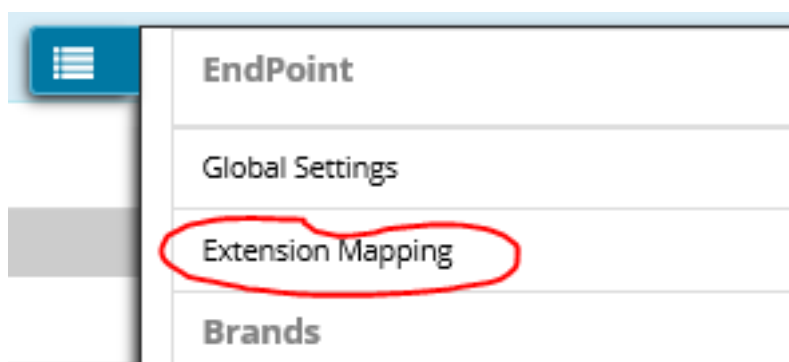
Once complete go back into the  menu and select the now included Yealink brand. Then select the default template scroll to the Firmware section and this time drop down and select the slot you now desire and have installed the firmware into.

Save and Rebuild Config(s) 

Save, Rebuild and Apply

Add a handset using a pre-existing template and brand setup or after completing above for the first time

In module Endpoint Manager select the Menu and then Extension Mapping;



Endpoint Manager menu with 'Extension Mapping' circled in red.

Then select 

Now add your handset linked to the required extension and select the template and model accordingly;

<input checked="" type="checkbox"/>	907710 Account 1	Yealink 000123456789	default_yealink W52P
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Showing 1 to 10 of 49 rows **10** records per page

« < 1 2 3 4 5 > »

Save and Rebuild Config(s) Use Selected

Then save, rebuild and use selected.

The system is now ready to accept your new device now log onto the web interface of the device following the vendors instructions and then go to the menus as below;

Yealink | W52P | W56P

Status Account Network Features **Settings** Directory

Preference
Time & Date
Call Display
Upgrade
Auto Provision
Configuration

Auto Provision

PNP Active On Off
DHCP Active On Off
Custom Option(128~254)
DHCP Option Value yealink

Server URL

User Name

Friday
 Saturday

Autoprovision Now

Confirm Cancel

Then enter your Server URL which will be in the format;

<http://UUUUUUUUU:PPPPPPPPPPPPPPPP@pbxDDDDDDDDDD.ic-talk.co.uk:84>

Replace UUUUUUU with your provisioning sever Username, PPPPPPPPPPPPPPPPP with the password for the server and DDDDDDDDD with your deployment ID. Confirm and Autoprovision the handset, it should come back and then download any firmware required and it's associated configuration and will now lock down to the server. The handset will take some time to come back and may sit displaying a random message like

DNS checking... do not panic and do not turn off the handset. We have had them go away for anything up to 15 minutes before just firing back into life and logging in.

For more details on how to configure options please see the Module Endpoint Manager Userguide.

Online URL: <https://kb2.ic.uk/article.php?id=179>