

Adding a Yealink Handset

179 Mark Simcoe Wed, Nov 15, 2017 [3rd Party Hardware](#) 1864

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. The 'Modules' menu is open, displaying a grid of categories and their sub-items. The 'EndPoint Manager' link is highlighted with a red circle. Below the menu, the 'EndPoint Manager' page is shown, featuring an 'About Endpoint Manager' section. A red circle highlights a menu icon (three horizontal lines) in the bottom right corner of the page.


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

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.

<div>  </div> <div>Manager</div>	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 ⓘ

Default External Template ⓘ

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 ⓘ


[Firmware Management](#)

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	W52P	W56P				

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;



The screenshot shows a configuration interface with two main sections. The top section is labeled 'Firmware Version' and contains a dropdown menu currently set to 'None'. To the right of this dropdown is a button labeled 'Firmware Management', which is circled in red. The bottom section is labeled 'Config Style' and contains two buttons: 'Current Style' (highlighted in green) and 'Legacy Style' (in grey).

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

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

Firmware Slot 1

1.17

Firmware Slot 2

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.

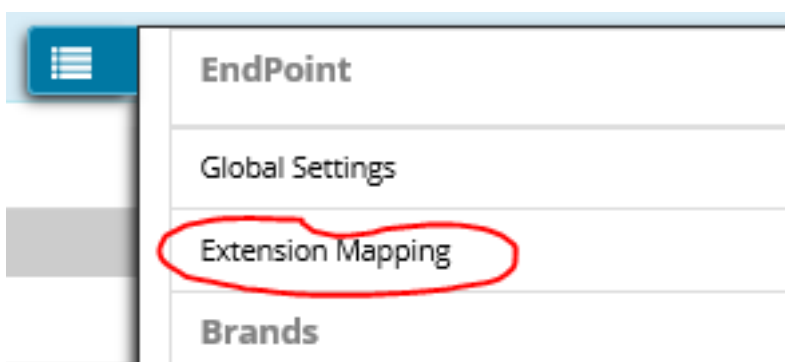
Save and Rebuild Config(s)

Apply

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;



Then select

Add Extension

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
-------------------------------------	---------------------	-------------------------	-------------------------

Showing 1 to 10 of 49 rows 10 records per page

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

Autoprovision Now

Confirm Cancel

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

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

Replace UUUUUUU with your provisioning sever Username, PPPPPPPPPPPPPPPPPPP with the password for the server and DDDDDDDDDDD 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>