

INTERACTIVE INTELLIGENCE®
Deliberately Innovative

3rd Party Certified Equipment Supplemental Information

Certification Completed On:
2011-07-21

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Products Tested

Yealink SIP T28(P)



Yealink SIP T26(P)



Yealink SIP T22(P)



Yealink SIP T20(P)

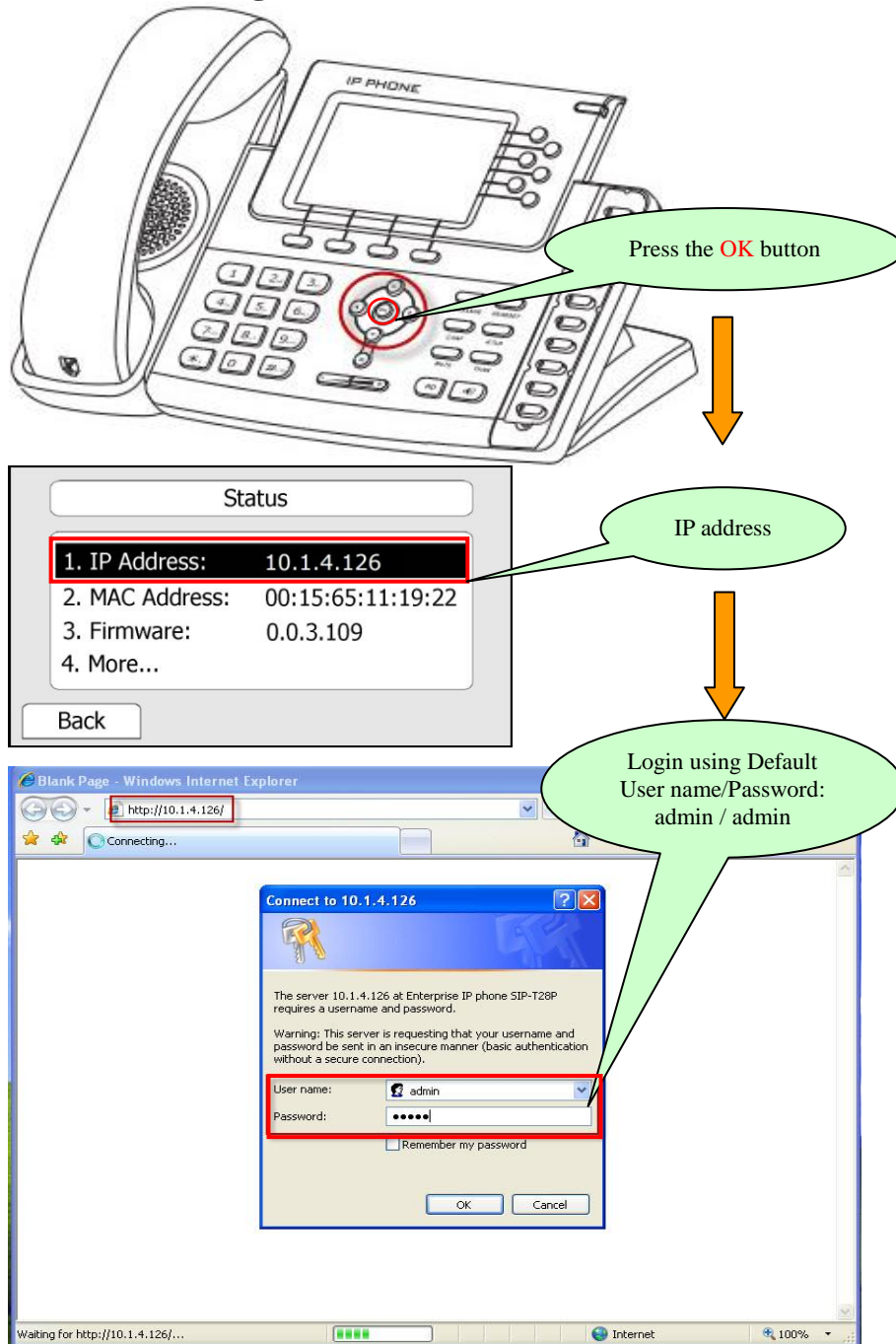


1. Validated Firmware Version

- SIP T28(P) : 2.60.0.223.rom
- SIP T26(P) : 6.60.0.223.rom
- SIP T22(P) : 7.60.0.223.rom
- SIP T20(P) : 9.60.0.223.rom

2. Configure Yealink IP Phone

2.1 Login to WEB management



2.2 Configure the Account Settings

2.2.1 Account Basic Settings

① Select "Account"

② Select Account 1

③ Active Account

④ Fill in these fields, select DNS-SRV for the transport

⑤ Voicemail Direct number

⑥ enable Missed call indication

⑦ Click Confirm to save all settings

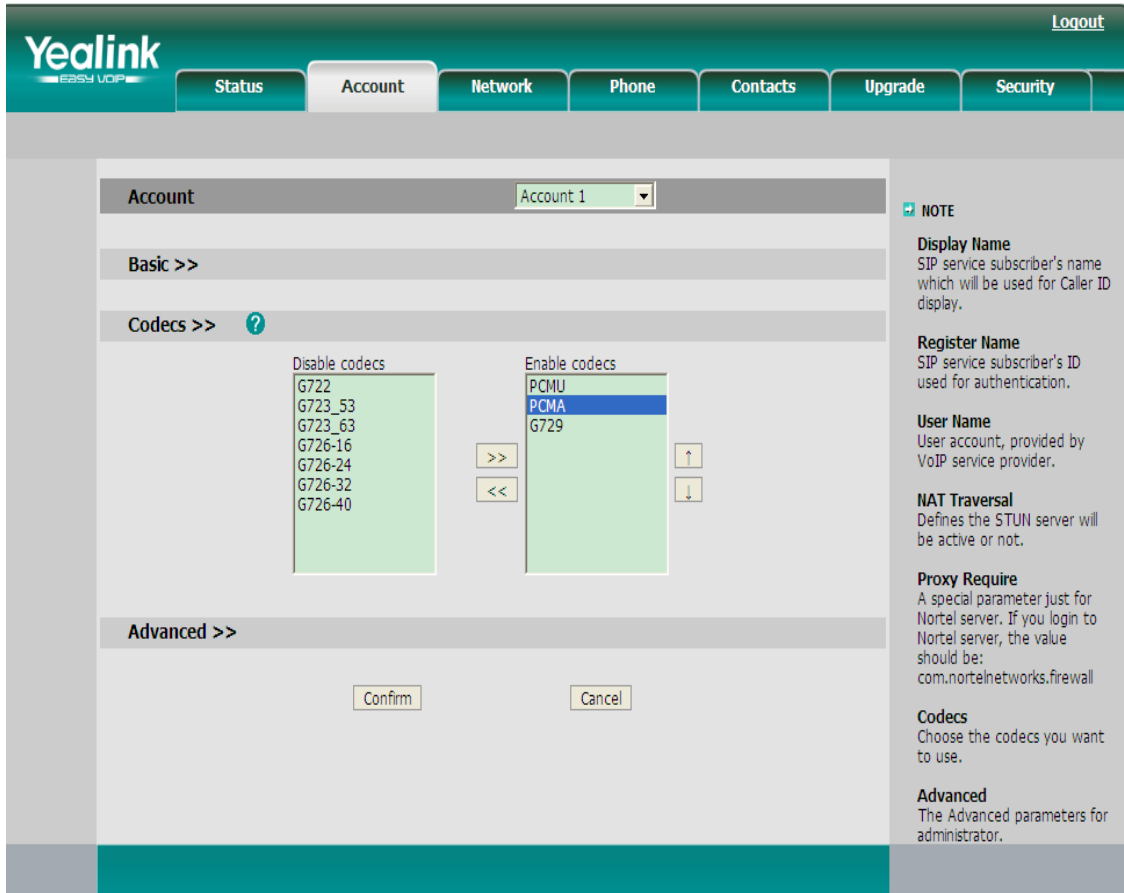
See Note

Account 1 will be available to make calls after the above configuration settings are changed.

Note : If the SIP server is behind a NAT and with a STUN server, then "NAT Traversal" should be set to "STUN" and then a STUN Server should be specified.

2.2.2 Account Codecs Settings

Navigate to Account > Codecs:



Select a codec from the left column and click ">>" to enable a codec.

2.2.3 Account Advanced Settings

Click to enter the “Account – Advanced” web page:

The screenshot displays the 'Account - Advanced' configuration page in the Yealink web interface. The 'Account' dropdown is set to 'Account 1'. The 'Advanced' section is expanded, showing various settings. Two settings are highlighted with red boxes: 'DTMF Type' is set to 'RFC2833', and 'Subscribe for MWI' is checked. A callout bubble points to the 'DTMF Type' dropdown with the text: 'Select DTMF Type: 1. INBAND, 2. RFC2833(Default), 3. SIP INFO'. Another callout bubble points to the 'Subscribe for MWI' checkbox with the text: 'Enable MWI Subscription'. The page includes a 'NOTE' section on the right with details about 'Display Name', 'Register Name', 'Codecs', and 'Advanced' parameters. At the bottom, there are 'Confirm' and 'Cancel' buttons.

Setting	Value
UDP Keep-alive Message	Enabled
UDP Keep-alive Interval(seconds)	30
Login Expire(seconds)	3600
Local SIP Port	5060
RPort	Disabled
SIP Session Timer(seconds) T1	0,5
SIP Session Timer(seconds) T2	4
SIP Session Timer(seconds) T4	5
Subscribe Period(seconds)	1800
DTMF Type	RFC2833
How to INFO DTMF	Disabled
DTMF Payload(Scope:96~255)	101
100 reliable retransmission	Enabled
Enable Precondition	Disabled
Subscribe Register	Enabled
Subscribe for MWI	Enabled
MWI Subscription Period(Scope:0~84600)(seconds)	3600
Caller ID Header	PASSTHROUGH
Use Session Timer	Enabled
Session Timer(seconds)	3600
Refresher	Uas
Use user=phone	Disabled
Voice Encryption (SRTP)	On
pTime(ms)	20
BLF List URI	
BLF List Code	
Shared Line	Disabled
Dialog-Info Call Pickup	Disabled
BLA Number	
BLA Subscription Period(Scope:60~7200)	300
SIP Send MAC	Disabled
SIP Send Line	Disabled
SIP Registration Retry Timer(Scope:0~1800)(seconds)	30
Enable Signal Encode	Disabled
Signal Encode Key	
Conference Type	Local
Conference URI	
ACD Subscription Period(120~3600)	3600
Call_Completionperiod(30~7200)	60

2.3 Ringer Selection Settings

Navigate to: Phone > Preference

The screenshot displays the Yealink web management interface. At the top, there is a navigation bar with tabs for Status, Account, Network, Phone, Contacts, Upgrade, and Security. Below this, a sub-menu for 'Phone' includes Preference, Features, Softkey Layout, DSS Key, EXT Key, Action URL, Voice, Ring, Tones, Dial Plan, and SMS. The main content area is titled 'Preference' and contains a list of settings. The 'Ring Type' setting is highlighted with a red rectangular box. A green callout bubble with the text 'Ringer Selection' points to this setting. The 'Ring Type' dropdown is currently set to 'Ring1.wav'. Below it is an 'Upload Ringtone' field with a '浏览...' (Browse...) button. At the bottom of the settings list are 'Upload' and 'Cancel' buttons. To the right of the settings is a 'NOTE' section with several sub-sections: 'Time Zone', 'NTP Server', 'Update Interval', 'Daylight Saving Time', 'Manual Time', and 'Ring Tone'. The 'Ring Tone' section notes that upload ringtones must be in WAV format with 8K sampling rate and 16-bit U-law compression.

System ring, "Ring Type" can be chosen or uploaded here.

2.4 Configure the DSS Key as Speed Dial

Navigate to: Phone > DSS Key

The screenshot shows the 'DSS Key' configuration page in the Yealink web interface. The navigation bar at the top includes 'Phone', 'Contacts', 'Upgrade', and 'Security'. The sub-navigation bar includes 'Preference', 'Features', 'Softkey Layout', 'DSS Key', 'EXT Key', 'Action URL', 'Voice', 'Ring', 'Tones', 'Dial Plan', and 'SMS'. The 'Phone' tab is selected. The 'DSS Key' sub-tab is also selected. The main content area shows a table for configuring DSS keys. The table has columns for 'Key', 'Type', 'Value', 'Line', and 'Extension'. The first row, 'DSS Key 1', has 'Speed Dial' selected in the 'Type' column, '2101' in the 'Value' column, and 'Line 1' selected in the 'Line' column. Other rows (DSS Key 2-10) have 'N/A' in the 'Type' column and 'Auto' in the 'Line' column. There are callouts with numbers 1 through 5 pointing to these specific settings. On the right side, there is a 'NOTE' section with sub-sections for 'Key Type', 'BLF', 'Intercom', and 'URL'.

Key	Type	Value	Line	Extension
DSS Key 1	Speed Dial	2101	Line 1	
DSS Key 2	N/A		Auto	
DSS Key 3	N/A		Auto	
DSS Key 4	N/A		Auto	
DSS Key 5	N/A		Auto	
DSS Key 6	N/A		Auto	
DSS Key 7	N/A		Auto	
DSS Key 8	N/A		Auto	
DSS Key 9	N/A		Auto	
DSS Key 10	N/A		Auto	

NOTE

Key Type
The free function key 'Types' Speed Dial, BLF, Key Event, Intercom, URL.

BLF
The button can be configured Busy Line Field function with SIP account. This feature is only available for SIP account.

Intercom
Enable the 'Intercom' mode and it is useful in an office environment as a quick access to connect to the operator or the secretary.

URL
This key function allows you to send HTTP requests to a web server.

After the settings as shown, when click DSS Key 1 on the Yealink SIP Phone, it will dial out the number filled in the "Value" column.

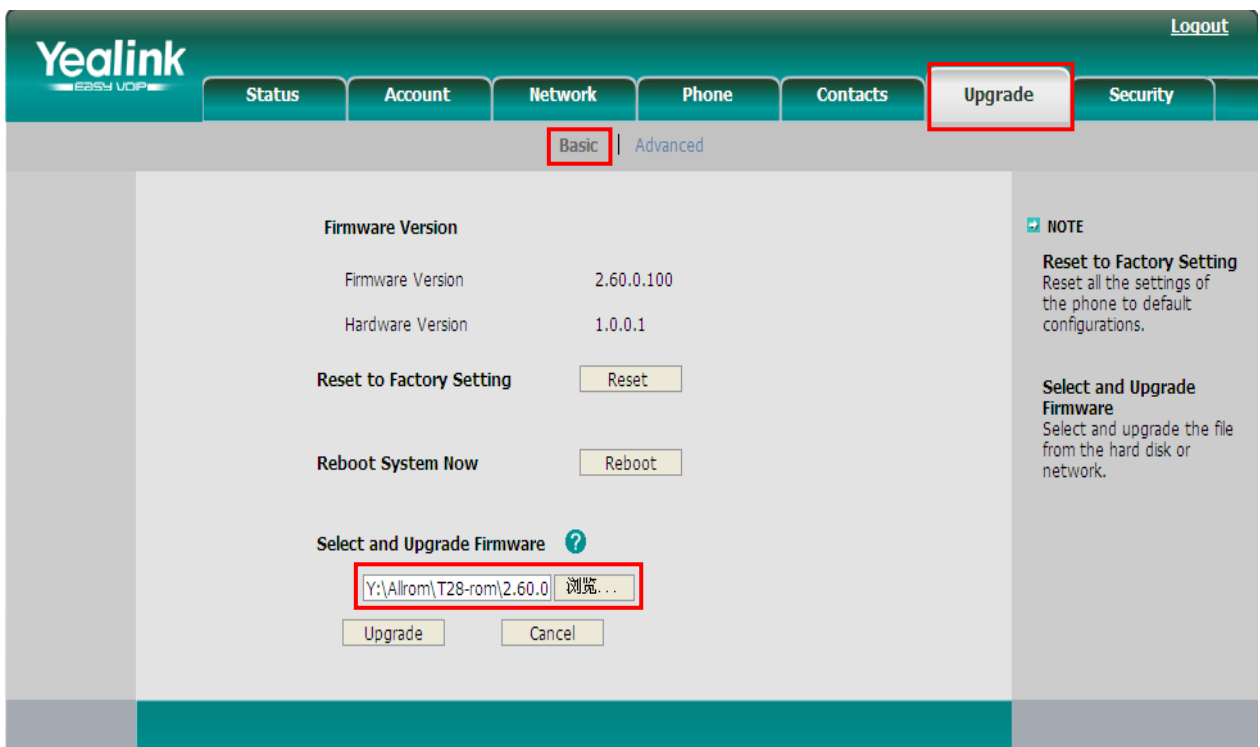
3. Firmware updating via web interface

Warning:

1. Please do not power off or unplug the Ethernet cable during the updating.

To update the firmware manually via Web interface:

- 1) Choose Upgrade->Basic, select the firmware file in your local computer.
- 2) Click Upgrade button to update the new firmware.



4. Auto-configure Yealink Phone

Please refer to vendor documentation provided at <testlab link goes here>

Reference

- ◆ The Interactive Intelligence Testlab Website : <http://testlab.inin.com>
- ◆ Yealink SIP Phones' user manual : <http://www.yealink.com/index.php/Support/index/classid/2>