

# Yealink Phonebook Generation Tool

## User Guide

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## Introduction

Yealink phonebook generation tool is developed for automatically generating contact files available for Yealink IP phones. This tool is developed by Yealink. You can ask the distributor or the Yealink Field Application Engineer for this tool, or you can download it from website at:

<http://support.yealink.com/documentFront/forwardToDocumentFrontDisplayPage>.

The information applies to the following Yealink IP phones:

- VP530 IP video phone running firmware version 70 or later
- SIP-T19P, SIP-T20P, SIP-T21P, SIP-T22P, SIP-T26P, SIP-T28P, SIP-T41P, SIP-T42G and SIP-T46G IP phones running firmware version 71 or later
- SIP-T48G IP phones running firmware version 72 or later
- SIP-T19(P) E2, SIP-T21(P) E2, SIP-T23P/G, SIP-T27P, SIP-T29G and SIP-T40P IP phones running firmware version 80 or later

## Interface Description

Double click the application file to start the phonebook generation tool. This tool bases on the Microsoft Excel table. The screenshot of the main page is shown as below:

	A	B	C	D	E	F	G	H
1	Department	Name	Office Number	Mobile Number	Other Number	Head Portrait	Max Enterprise	1000
2							Max Groups	50
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

The first line includes the contact parameters configurable for Yealink IP phones. All these parameter names are encrypted and cannot be modified.

Users can use this tool to generate a local contact file or a remote phonebook file, and then import the contact file by auto provisioning to add contacts in bulk. For information about contacts on Yealink IP phones, please refer to Yealink phone-specific user guide.

The following table lists the contact parameters:

Department	
<b>Description</b>	This parameter specifies the group name of the contact.
<b>Format</b>	String
<b>Maximum Characters</b>	99


<b>Maximum Groups</b>	<p><b>To generate a local contact file:</b></p> <p>Yealink SIP-T20P/T22P/T26P/T28P IP phones support up to 5 local contact groups.</p> <p>Yealink SIP-T19P/T21P IP phones support up to 5 local contact groups, including the default <b>Company, Family, Friend</b> groups.</p> <p>Yealink SIP-T19(P) E2/T21(P) E2/T23P/T23G/T27P/T29G/T40P/T41P/T42G/T46G/T48G IP phones and VP530 IP video phone support up to 48 local contact groups, including the default <b>Company, Family, Friend</b> groups. The three groups have been removed from phones running firmware version 80 or later.</p> <p><b>To generate a remote phonebook file:</b></p> <p>Yealink IP phones support up to 50 remote contact groups. There is no default contact group in the remote phonebook.</p>
<b>Note</b>	<p><b>To generate a local contact file:</b></p> <p>If this field is left blank, the contact record will be added in the default local contact group named as <b>All Contacts</b>.</p> <p><b>To generate a remote phonebook file:</b></p> <p>If this field is left blank, the contact record will be ignored in the generated remote phonebook file.</p>
<b>Name</b>	
<b>Description</b>	This parameter specifies the contact name.
<b>Format</b>	String
<b>Maximum Characters</b>	99
<b>Note</b>	<p>If multiple records include the same contact name, only the first record will take effect after importing to Yealink IP phones.</p> <p><b>To generate a local contact file:</b></p> <p>If this field is left blank, the contact record will be ignored in the generated local contact file.</p> <p><b>To generate a remote phonebook file:</b></p> <p>If this field is left blank, the contact name will be null in the generated remote phonebook file.</p>
<b>Office Number/Mobile Number/Other Number</b>	
<b>Description</b>	These parameters specify the office/mobile/other numbers of the contact.

<b>Format</b>	String
<b>Maximum Characters</b>	32
<b>Note</b>	Contact Office Number, Mobile Number and Other Number are optional.
<b>Head Portrait (Only apply to T29G, T46G, T48G and VP530 IP phones)</b>	
<b>Description</b>	This parameter specifies the head portrait of the contact.
<b>Format</b>	String
<b>Maximum Characters</b>	32
<b>Value Format</b>	<p><b>To fill a default path:</b>  default_contact_image.png  icon_family_b.png  icon_friend_b.png  icon_blacklist_b.png</p> <p>This means to assign the system family, friend or blacklist head portrait for the contact.</p> <p><b>To fill a complete path:</b>  Config:&lt; <i>picturename</i> &gt;.png</p> <p>This means to assign a customized picture for the contact head portrait. The customized picture for the contact head portrait must be imported to the phone in advance.</p>
<b>Note</b>	If this field is left blank, the contact record uses the default head portrait.

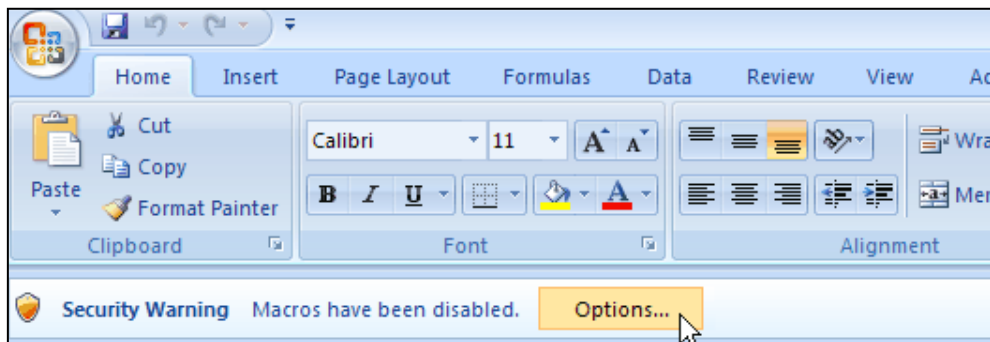
## Using the Phonebook Generation Tool

The following shows how to generate a local contact file or a remote phonebook file using the phonebook generation tool.

**To generate a local contact file:**

1. Double click the application file to start the phonebook generation tool.
2. Click on  -> **Save As**.
3. Select **Excel Macro-Enabled Workbook** from the pull-down list of **Save as Type**.
4. Click the **Save** button to save the tool to the local system.
5. Double click to start the phonebook generation tool from the local system.

- Click the **Options...** button beneath the Office ribbon.



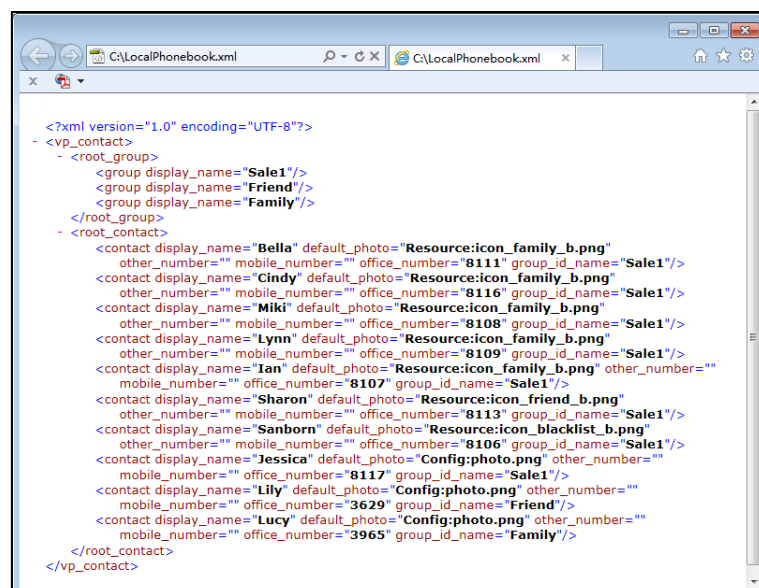
- Mark the **Enable this content** radio box in the pop-up dialogue box, and click the **OK** button.
- Fill the value of each contact parameter according to the practical situation.
- Click the **Create Local Phonebook** button to generate the local phonebook file.

The tool prompts a local contact file is generated successfully and the default path is the C root directory "C:\". User can not change the stored path.




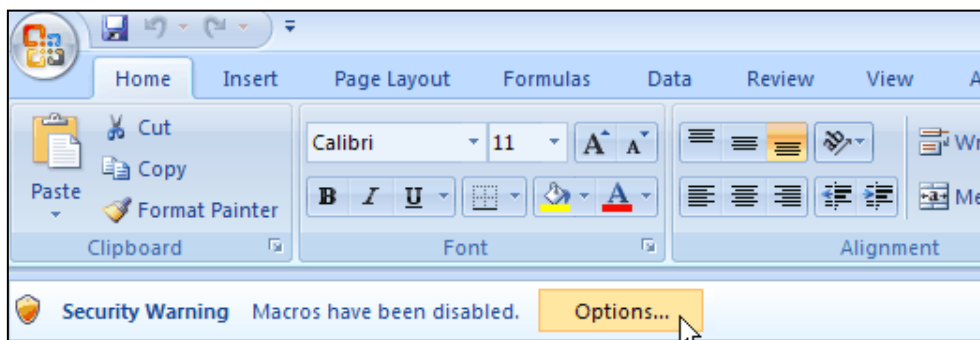
You can then find the local phonebook file in the destination directory.

The following shows an example of LocalPhonebook.xml:



**To generate a remote phonebook file:**

1. Double click the application file to start the phonebook generation tool.
2. Click on  -> **Save As**.
3. Select **Excel Macro-Enabled Workbook** from the pull-down list of **Save as Type**.
4. Click the **Save** button to save the tool to the local system.
5. Double click to start the phonebook generation tool from the local system.
6. Click the **Options...** button beneath the Office ribbon.



7. Mark the **Enable this content** radio box in the pop-up dialogue box, and click the **OK** button.
8. Fill the value of each contact parameter according to the practical situation.
9. Click on the **Create Remote Phonebook** button to generate the remote phonebook file. The default path is the C root directory "C:\". User can not change the stored path.



You can then find the remote phonebook file in the destination directory.

The following shows an example of RemotePhonebook.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
- <YealinkIPPhoneBook>
  <Title>Yealink</Title>
  - <Menu Name="Sale1">
    <Unit Name="Bella" default_photo="Resource:icon_family_b.png" Phone3="" Phone2="" Phone1="8111"/>
    <Unit Name="Cindy" default_photo="Resource:icon_family_b.png" Phone3="" Phone2="" Phone1="8116"/>
    <Unit Name="Miki" default_photo="Resource:icon_family_b.png" Phone3="" Phone2="" Phone1="8108"/>
    <Unit Name="Lynn" default_photo="Resource:icon_family_b.png" Phone3="" Phone2="" Phone1="8109"/>
    <Unit Name="Ian" default_photo="Resource:icon_family_b.png" Phone3="" Phone2="" Phone1="8107"/>
    <Unit Name="Sharon" default_photo="Resource:icon_friend_b.png" Phone3="" Phone2="" Phone1="8113"/>
    <Unit Name="Sanborn" default_photo="Resource:icon_blacklist_b.png" Phone3="" Phone2="" Phone1="8106"/>
    <Unit Name="Jessica" default_photo="Config:photo.png" Phone3="" Phone2="" Phone1="8117"/>
  </Menu>
  - <Menu Name="Friend">
    <Unit Name="Lily" default_photo="Config:photo.png" Phone3="" Phone2="" Phone1="3629"/>
  </Menu>
  - <Menu Name="Family">
    <Unit Name="Lucy" default_photo="Config:photo.png" Phone3="" Phone2="" Phone1="3965"/>
  </Menu>
</YealinkIPPhoneBook>
```

To upload the local contact file via web user interface:

1. Press the **OK** key on the phone when it is idle to obtain the IP address.
2. Enter the IP address (e.g., http://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC and then press **Enter**.
3. Enter the user name and password in the login page.  
The default login user name is admin (case-sensitive) and the password is admin (case-sensitive).
4. Click on **Directory->Local Directory**.
5. Click **Browse** to locate the contact list file from your local system.

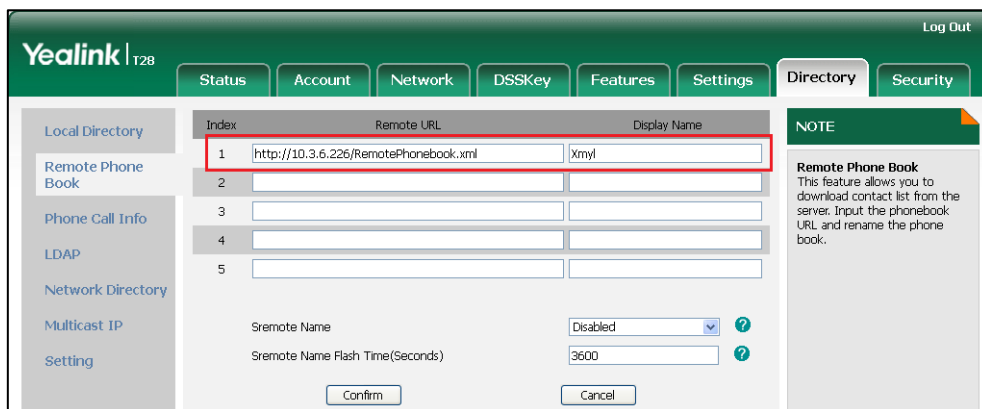
The screenshot shows the Yealink T28 web interface. The 'Local Directory' section is active, displaying a table with columns for Index, Name, Office Number, Mobile Number, and Other Number. Below the table, there are 'Import XML' and 'Export XML' buttons. A red box highlights the 'Import Local Directory File' section, which includes a text input field containing 'top\LocalPhonebook.xml' and a 'Browse...' button. The 'NOTE' section on the right provides instructions for adding, deleting, and moving contacts. The 'Import' section states: 'Browse the file in XML format.' The 'Export' section states: 'Click Export button and create a file with whose name you prefer to export.'



6. Click **Import XML** to import the contact list.  
The web user interface prompts "The original contact will be covered, Continue?".
7. Click **OK** to complete importing the contact list.

**To configure an access URL for remote phone book via web user interface (not applicable to SIP-T20P IP phones):**

1. Press the **OK** key on the phone when it is idle to obtain the IP address.
2. Enter the IP address (e.g., http://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC and then press **Enter**.
3. Enter the user name and password in the login page.  
The default login user name is admin (case-sensitive) and the password is admin (case-sensitive).
4. Click on **Directory->Remote Phone Book**.
5. Enter the access URL in the **Remote URL** field.
6. Enter the name (e.g., Xmyl) in the **Display Name** field.



7. Click **Confirm** to accept the change.

**To upload the two phonebook files using the configuration file:**

1. Add/Edit the parameters in the configuration file.

The following table shows the parameters information:

Parameter	Description	Value
local_contact.data.url =	It specifies the access URL of the local contact file.	URL
remote_phonebook.data.X.url = (X ranges from 1 to 5.)	It specifies the access URL of the remote phonebook. <b>Note:</b> It is not applicable to SIP-T20P IP phones.	URL
remote_phonebook.data.X.name = (X ranges from 1 to 5.)	It specifies the display name of the remote phonebook item. <b>Note:</b> It is not applicable to SIP-T20P IP	String

Parameter	Description	Value
	phones.	

The following sample shows the configuration of the local phonebook and remote phonebook in the configuration file:

local\_contact.data.url = http://10.3.6.226/LocalPhonebook.xml

remote\_phonebook.data.1.url = http:// 10.3.6.226/RemotePhonebook.xml

remote\_phonebook.data.1.name = Xmyl

2. Upload the configuration file and two phonebook files to the root directory of the provisioning server and perform auto provisioning to download the two phonebook files for Yealink IP phones.

For more information on auto provisioning, refer to [Yealink\\_SIP-T2\\_Series\\_T19\(P\)  
E2\\_T4\\_Series\\_CP860\\_IP\\_Phones\\_Auto\\_Provisioning\\_Guide](#).