



Lenovo Moto Smart Assistant User Guide

Version 4.0.0



Lenovo

2018.12.14



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1 Overview

1.1 LMSA Overview

Lenovo Moto Smart Assistant (LMSA) is a software tool which is offering a help to manage Lenovo and Moto mobile phones of end users.

Its key functions include:

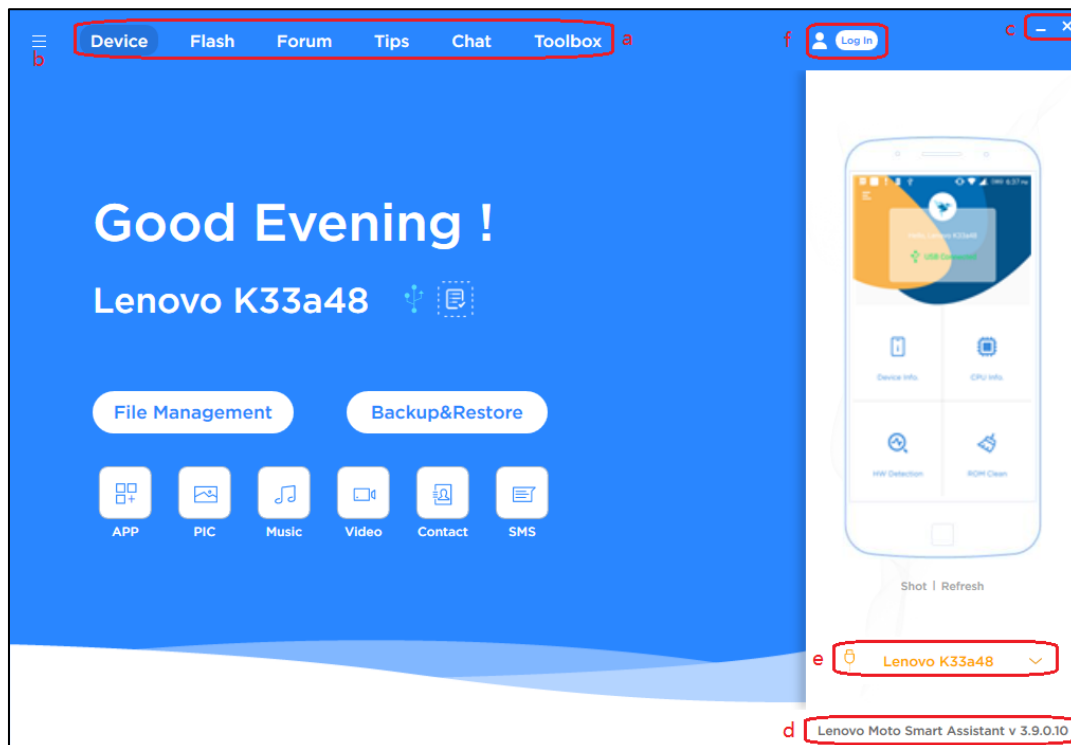
- Device Management*: Connect device via USB cable or Wi-Fi, and then manage Pictures, Videos, Music, Contacts, SMS, Files Management, Back/Restore;
- Flash*: Upgrade device system software to the newest release, and even can rescue device from software caused un-operational status;
- Tips*: Online tips for devices, include “How-to” and “Solutions”;
- Forum*: Submit your questions, and suggestion, discuss with other users;
- Chat*: Get online support via chat;

New functions have also been planned and will be available soon.

LMSA is composed of 2 parts:

- 1) PC client: Key platform for end user
- 2) Android APP: assist PC client, named “Mobile Assistant”

1.2 LMSA Client Introduction



- Function ribbon
- Menu
- Client control(min, exit)
- LMSA version info



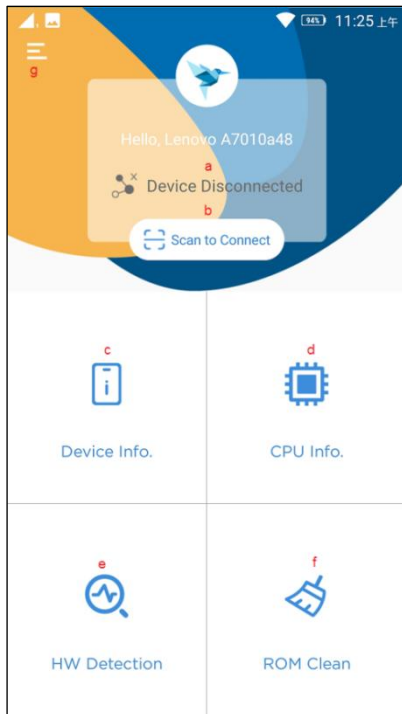
- e. Device connection info
- f. User(Login, Register and so on)

1.2.1 System Requirement

Lenovo Moto Smart Assistant supports the following Windows operating systems:

- Windows 7 (32/64 bit)
- Windows 10

1.3 Mobile Assistant App Introduction



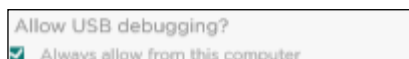
- a. Connection status indicator (Disconnected, connecting, USB/Wi-Fi connected)
- b. Scan button
- c. Device information
- d. CPU Info.
- e. HW Detection
- f. ROM Clean
- g. Menu(About)

1.3.1 Connect using USB

- 1) Connect device with USB cable.
- 2) Turn on USB debug mode on device.



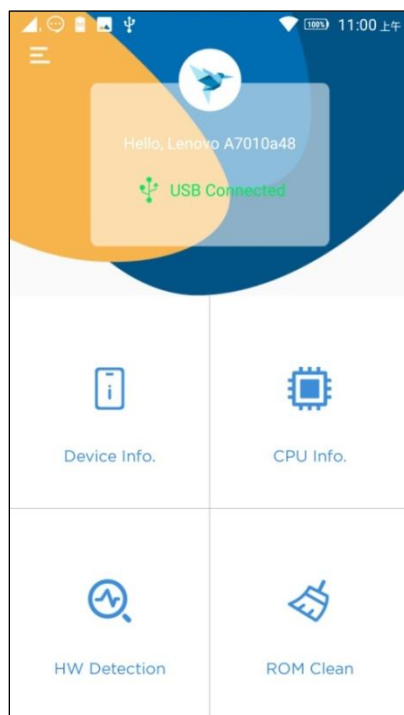
- 3) Authorize.



- 4) Connected successfully, LMSA client will install Mobile Assistant App on device automatically;

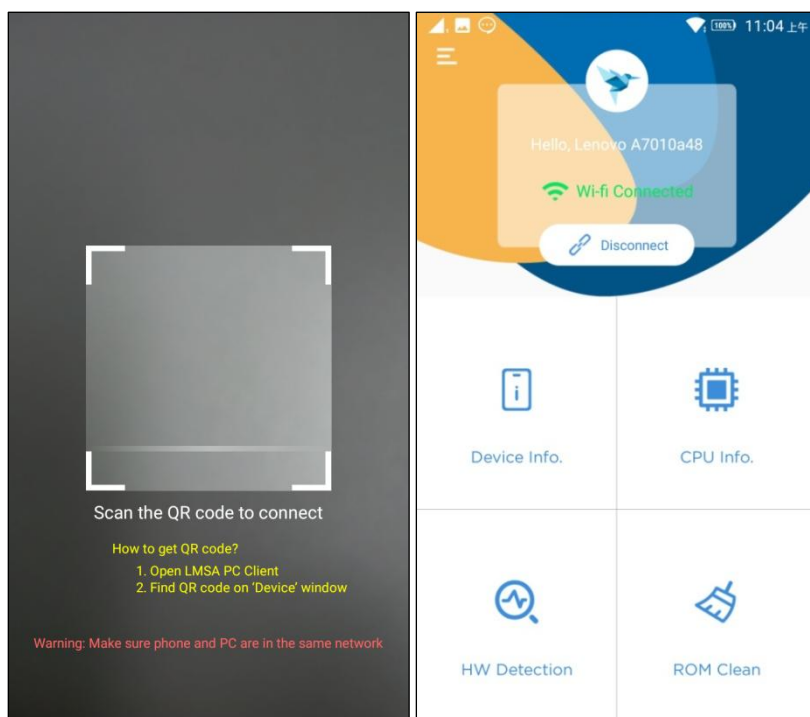


- 5) After installation, keep the USB connection, and LMSA client will connect with Mobile Assistant App automatically.



1.3.2 Connect using Wi-Fi

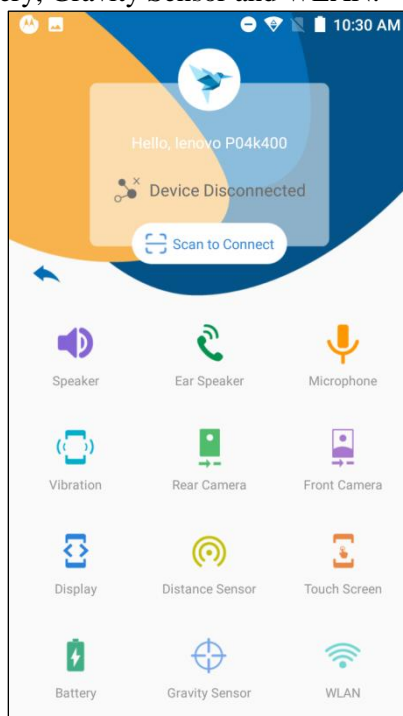
- 1) Connect device with USB cable, LMSA client will install Mobile Assistant App on device automatically;
- 2) When you can see Mobile Assistant App on mobile device, disconnect USB cable;
- 3) Connect the device and PC to the same WI-FI. Touch “Scan” button at top on Mobile Assistant App to scan the QR code displayed on LMSA PC client.





1.3.3 HW Detection

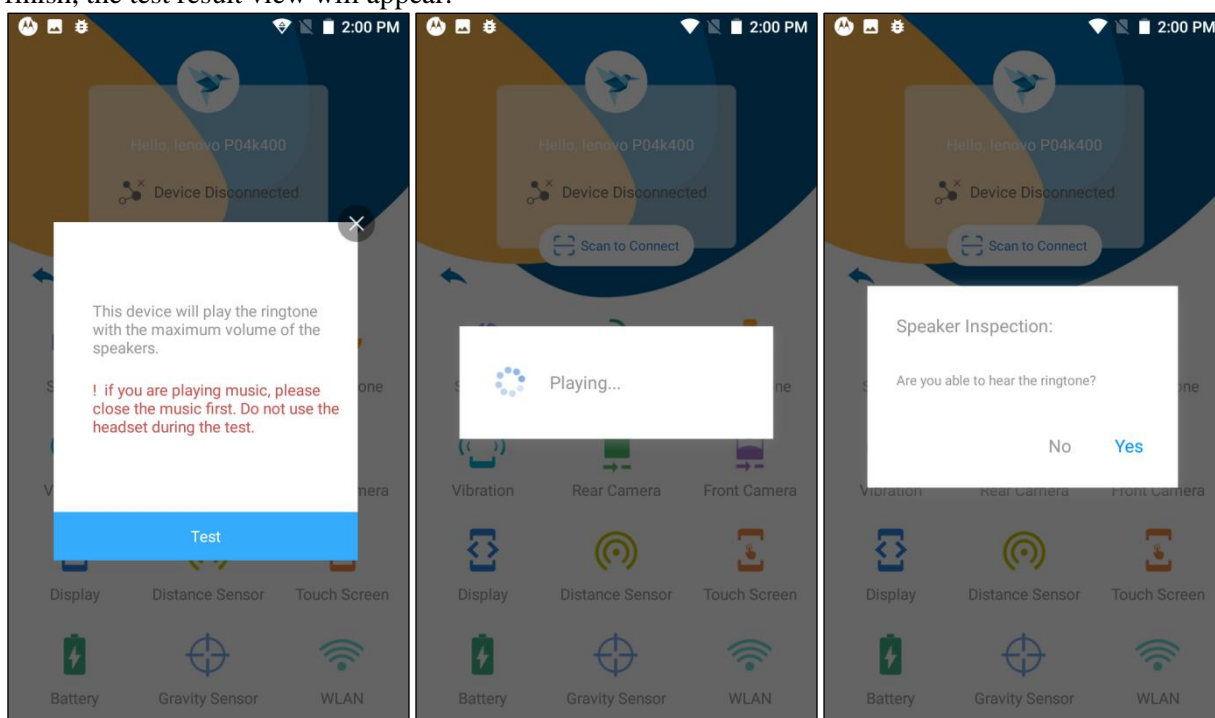
Click HW Detection to enter the HW Detection view and it checks if the phone's hardware is fine. It supports to check Speaker, Ear Speaker, Microphone, Vibration, Rear Camera, Front Camera, Display, Distance Sensor, Touch Screen, Battery, Gravity Sensor and WLAN.



User can click an item's icon to begin to hardware detection for this device.

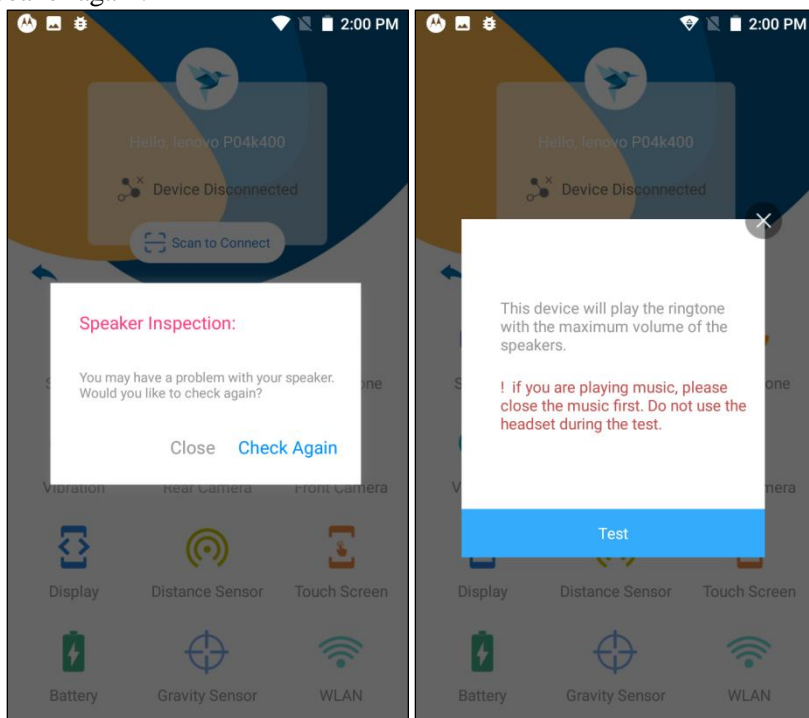
For example:

Click Speaker icon, the “Test” view will appear, then click “Test”, it begin to test device's Speaker. Test finish, the test result view will appear:



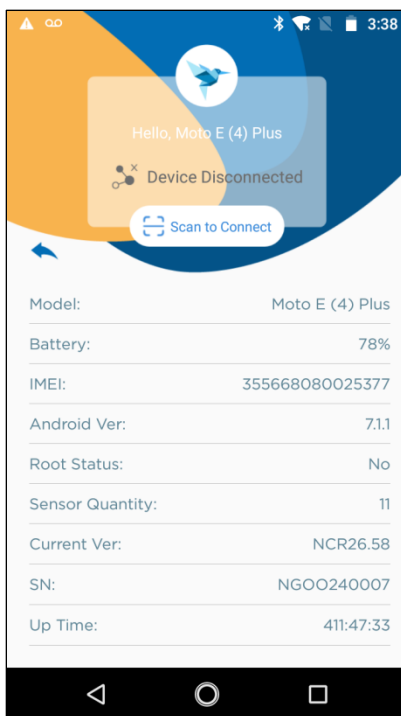


Click “Yes”, the device’s Speaker inspection will be finished. Click “No”, and then click “Check Again”, it will begin to test Speaker again.



1.3.4 Device Info

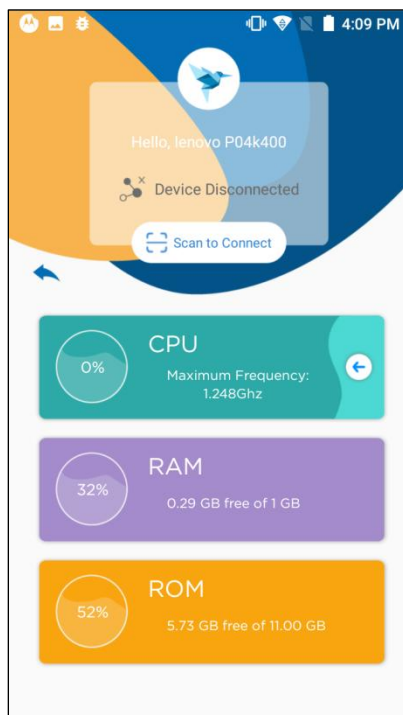
Click “Device Info”, the device information view will appear. It will display device’s Model Name, Battery, IMEI1, IMEI2, Android Version, Root Status, Sensor Quantity, Serial Number, Current Version, SN and Up Time.




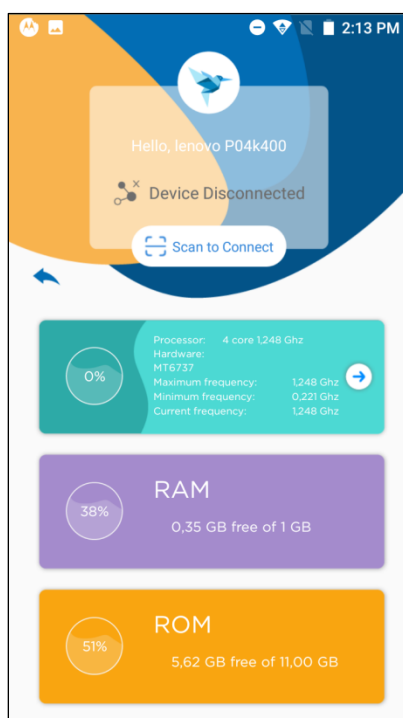


1.3.5 CPU Info

Click “CPU Info”, the CUP information view will appear. It will display device’s CPU, RAM and ROM information.



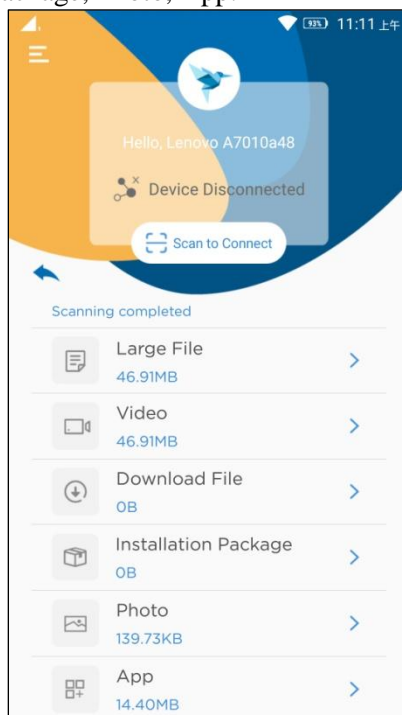
Click the  icon, it will display the Processor, Hardware, Maximum frequency, Minimum frequency and Current frequency.





1.3.6 ROM Clean

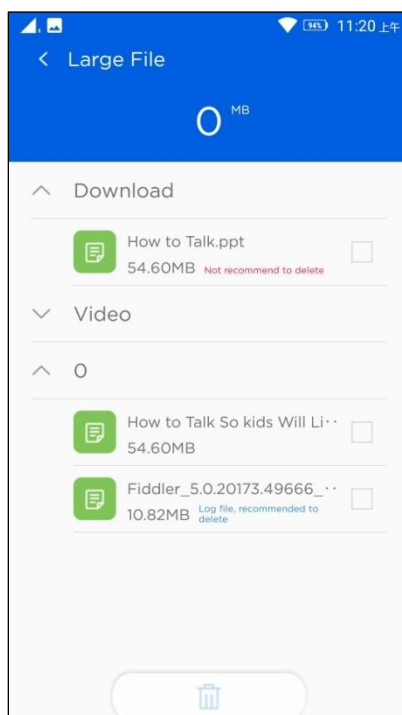
Click “ROM Clean”, it will enter “ROM Clean” view. It supports to clean Large File (more than 10MB), Video, Download File, Installation Package, Photo, App.



User can click an item to begin to clean file.

For example:

Click Large File, it will list more than 10MB file. Selected the file and click delete button, the selected file will be deleted.

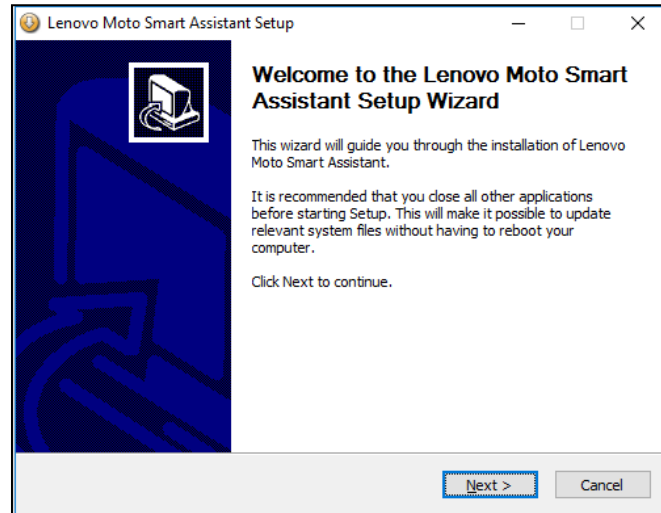




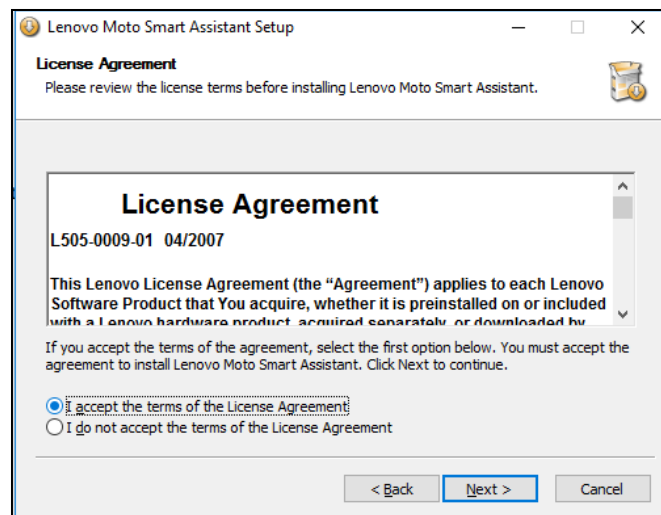
2 Setup

2.1 Setup Details

1. Double click the installation file “lmsa_setup.exe” to open the installer, and then click “Next”.

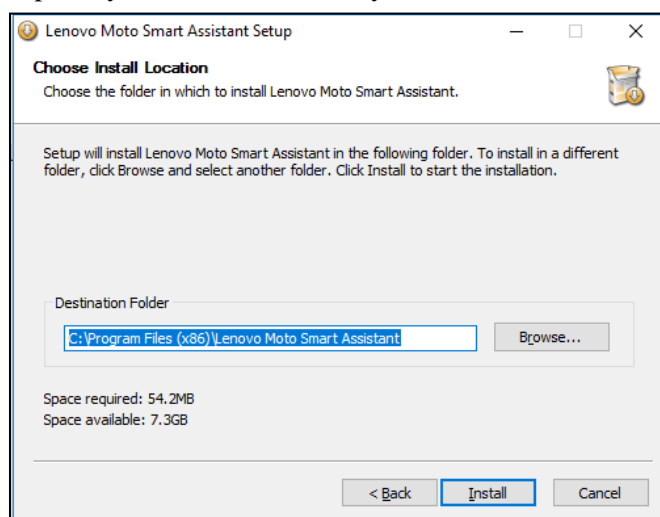


2. Accept license agreement and click “Next”.

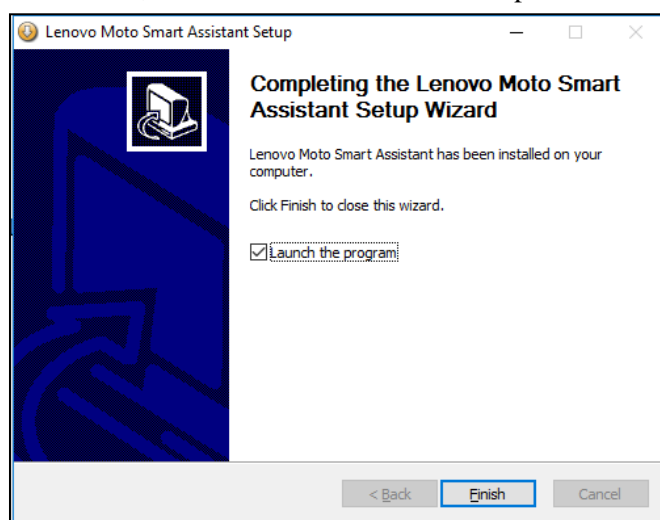




3. Change the installation path by click “Browse...” if you want, and then click “Install”.



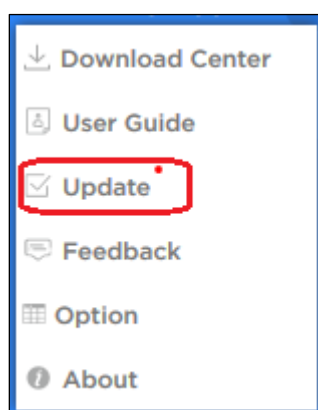
4. Wait for the installation to finish, and then click “Finish” to complete the installation.



2.2 Software Upgrade

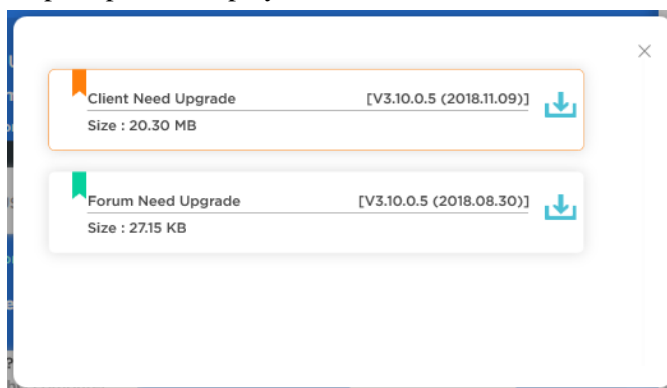
2.2.1 Manual Upgrade

1. Click the drop-down menu at the top right and select “Update” to click.

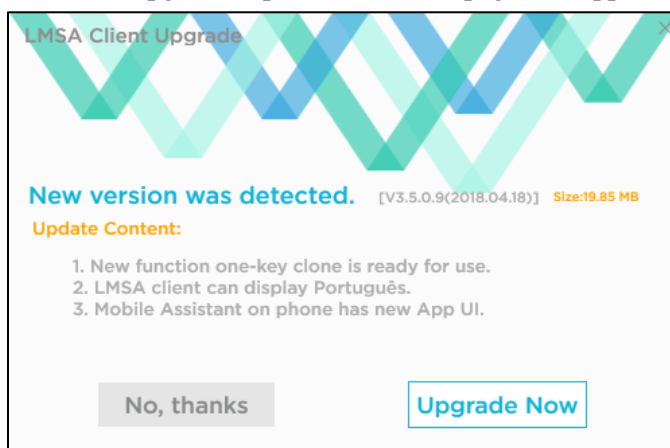




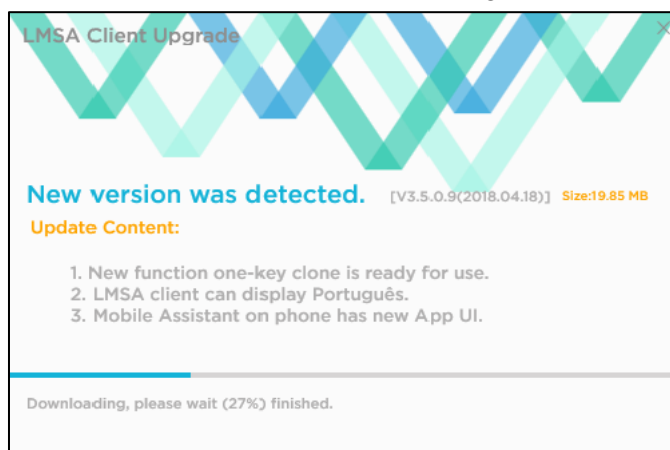
2. And then a pop-up will be prompted to display all the available new version of software or plug-ins.



3. Click  icon on “Client Need Upgrade” option, the follow page will appear:



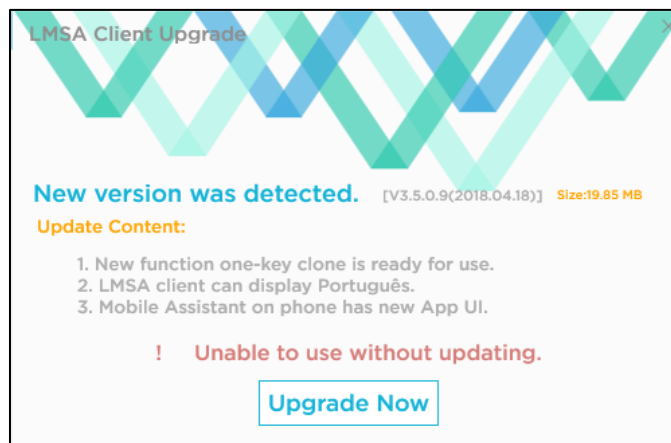
4. Click “Upgrade Now” to download the new version of installer, and then installation will be in progress automatically. Click “No, thanks” will cancel the downloading.



2.2.2 Forced Upgrade



If an important patch is released, it will be marked as mandatory one and LMSA client will be enforced to apply this upgrade. A new version available dialog box will pop up automatically. Please click “OK” to install the new version.

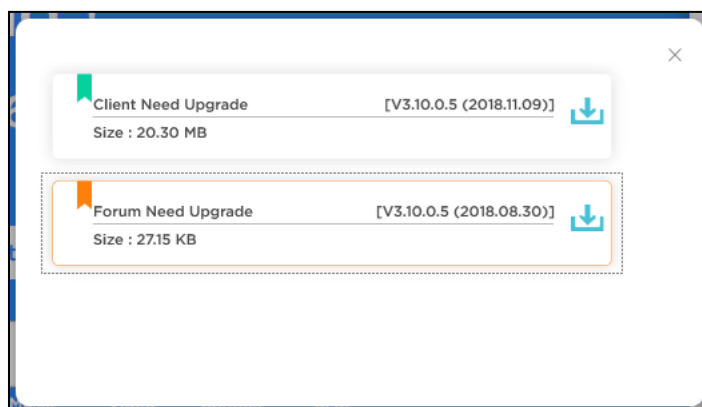



2.3 Plug-in Upgrade

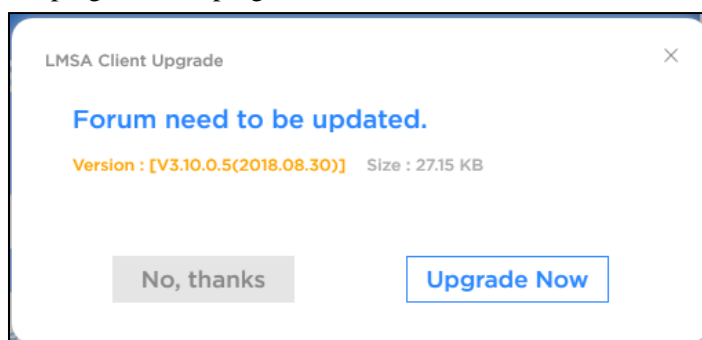
All the functions inside of LMSA are provided by plug-ins. LMSA can do upgrade in plug-in level. Plug-in updates can be both recommended upgrade or forced one.

2.3.1 Recommended Upgrade for Plug-in

1. Click the drop-down menu at the top right and select “Update”. If any plug-in update is available, it will look like below:



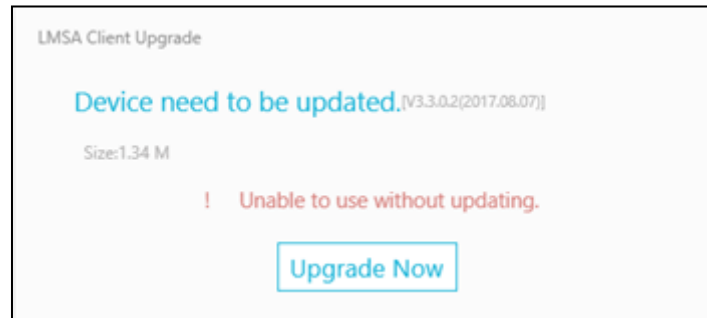
2. Click  icon on “Forum Need Upgrade” option, the follow page will appear. Click “Update Now” will download the new plug-in. New plug-in will be installed when download completed.





2.3.2 Forced Upgrade for plug-in

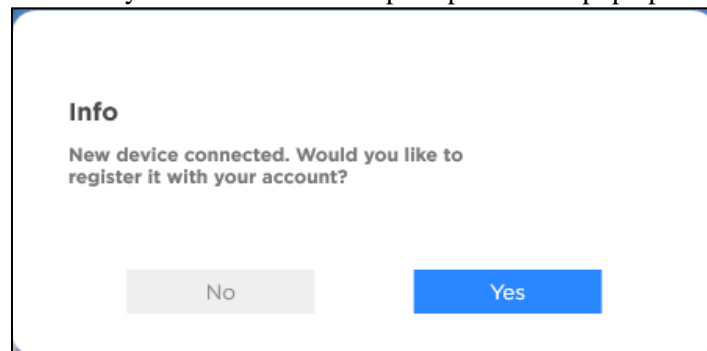
An important patch will be marked as a forced update. User has to click “Upgrade Now” to install the new plug-in.



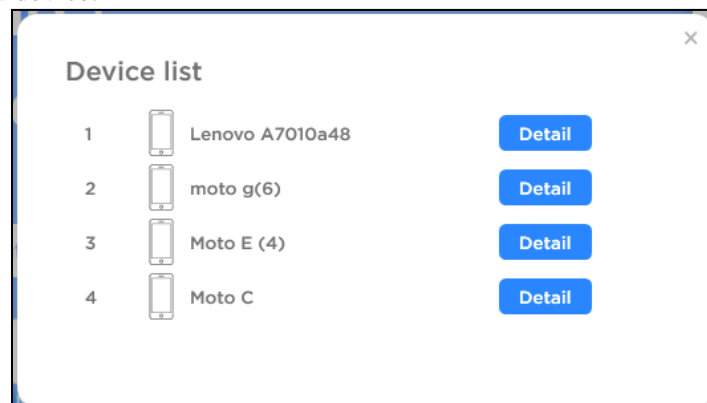
3 User and Setting

3.1 Device List

Log in your account, and connect your new device. The prompt box will pop up as follow:



Click “Yes” button, your device information will be collected. Click the user name and “Device List”, you can view you connected device.

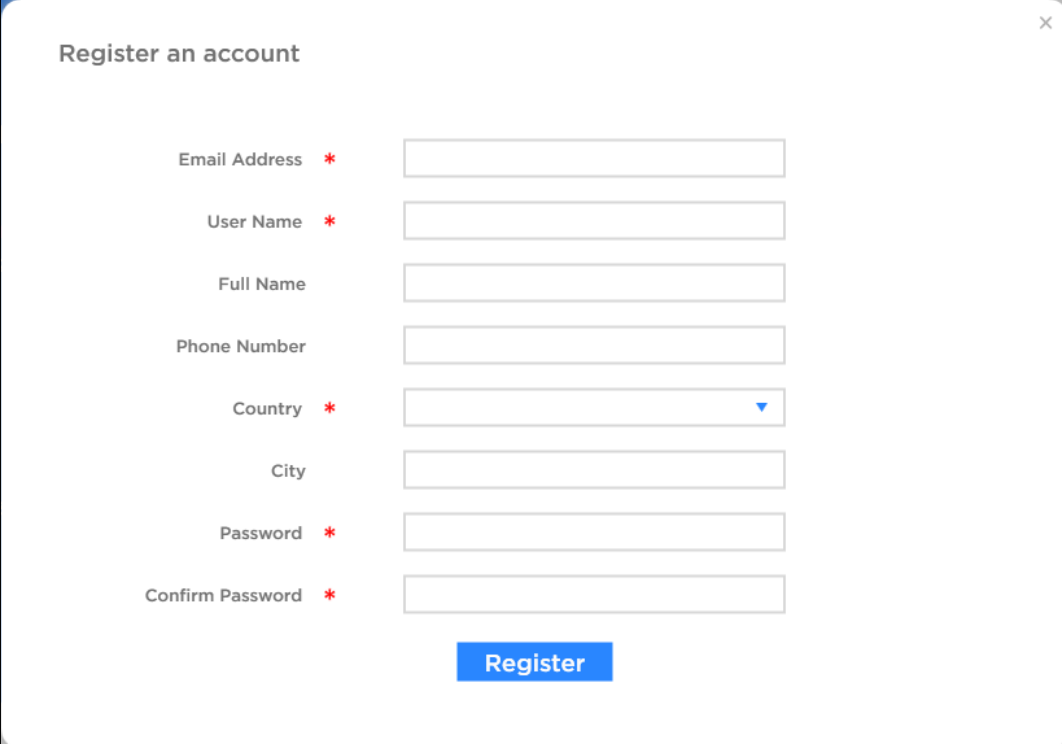


3.2 User

User can register account, login account, reset account password and modify the account password on LMSA Client.



- 1) Register account: On login pop-up view, and then click “No account? Register a new one”. User will register successfully when input the user information and then click Register.

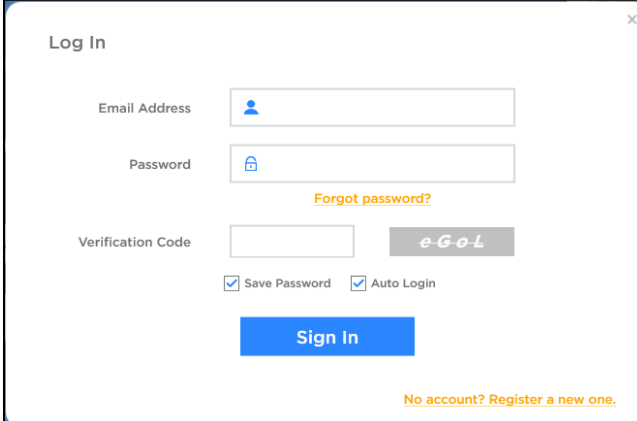


The 'Register an account' form is a white rectangular box with a close button (X) in the top right corner. It contains the following fields and labels:

- Email Address *
- User Name *
- Full Name
- Phone Number
- Country *
- City
- Password *
- Confirm Password *

Each field is represented by a white input box. A blue 'Register' button is located at the bottom center of the form.

- 2) Login: Click Log In icon at the right top of view, and input email, password and Verification code.



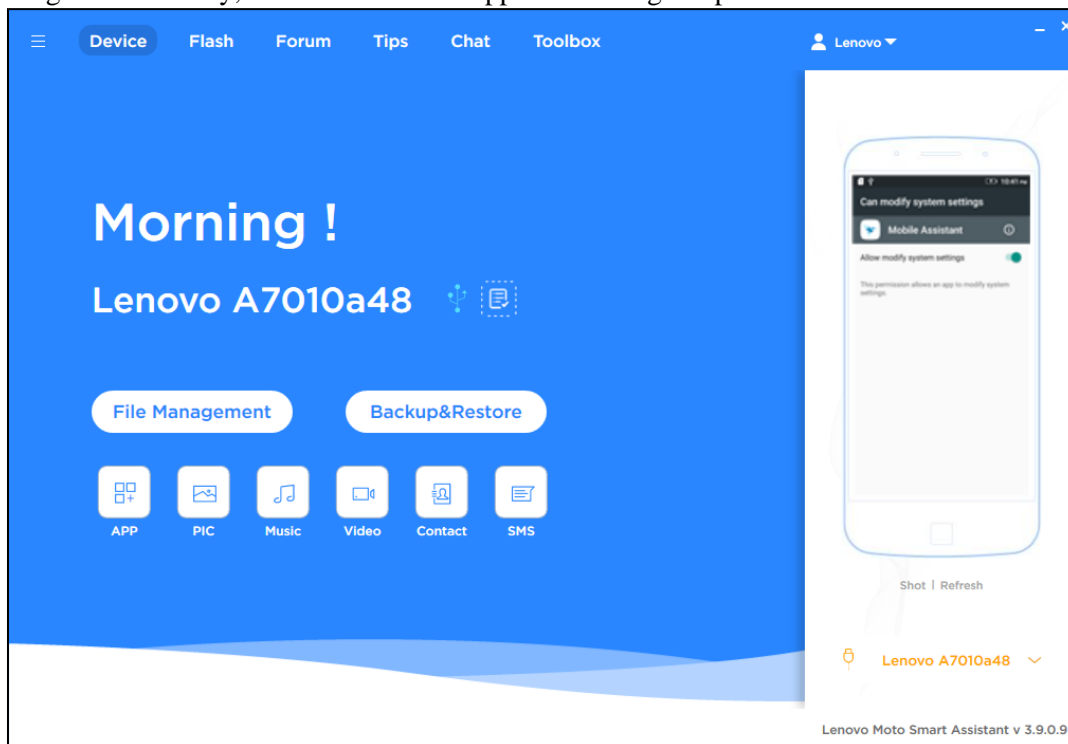
The 'Log In' form is a white rectangular box with a close button (X) in the top right corner. It contains the following fields and labels:

- Email Address
- Password
- Verification Code

Each field is represented by a white input box. A blue 'Sign In' button is located at the bottom center of the form. Below the password field, there is a link that says 'Forgot password?'. Below the verification code field, there is a button that says 'e-G-o-L'. At the bottom of the form, there are two checkboxes: 'Save Password' and 'Auto Login'. At the very bottom, there is a link that says 'No account? Register a new one.'



After login successfully, the user name will appear at the right top of view.



- 3) Reset Password: User can click “Forgot Password” on login view when forgetting user password. And then input user name and Email Address, the new password will be sent user email.

A screenshot of the 'Reset Password' form. It contains three input fields: 'User Name' with a person icon, 'Email Address' with an envelope icon, and 'Verification Code' with a numeric keypad icon. A blue 'Submit' button is at the bottom. A small gray box with the text 'd-5-2-n' is visible next to the verification code field.

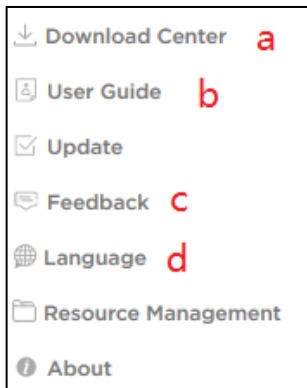
- 4) Change Password: Click the user name at right top of view after user login, and then click “Change Password”. Input old password and new password to change the password.

A screenshot of the 'Change your password' form. It contains three input fields: 'Old Password', 'New Password', and 'Confirm Password', each with a lock icon. A blue 'OK' button is at the bottom.



3.3 Setting

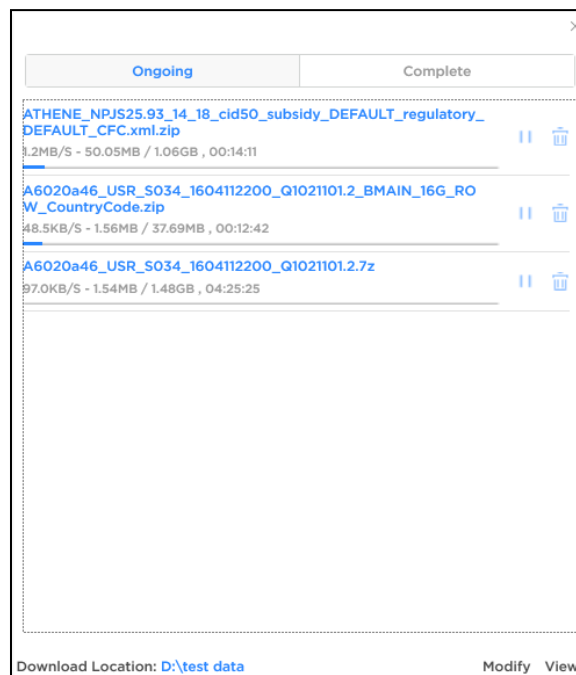
Click Menu icon at the left top of view, and then user can view the user guide, switch the client's language and feedback problems on setting management.



a. Download Center

All downloading resource including ROM package and Country code package will be added to “Ongoing” page.

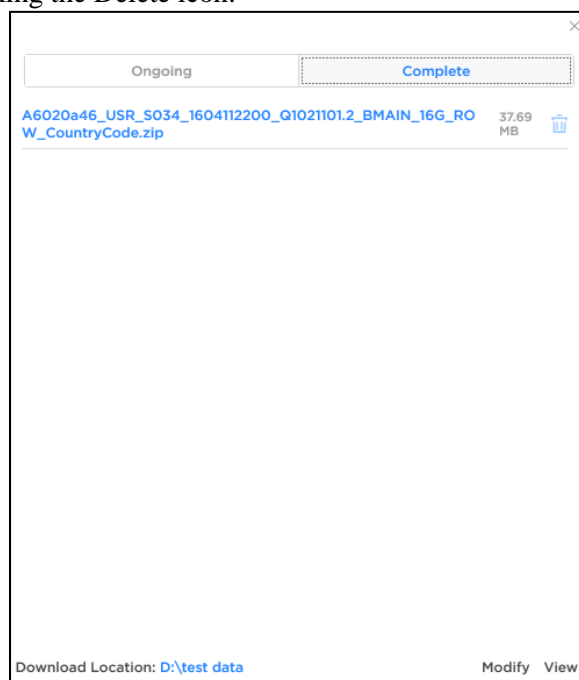
- User can click pause icon, the pause icon will become to start icon and the downloading resource will be stopped.
- User can click start icon to restart to download resource.
- User can delete icon to delete the downloading or pause resource.
- User can click “Modify” option to modify the resource storage path.
- User can click “View” option to enter the resource storage path.





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All downloaded resource will be moved from “Ongoing” page to “Complete” page. User can delete the downloaded resource by clicking the Delete icon.



b. User Guide

Click User Guide, User can view the user guide document.

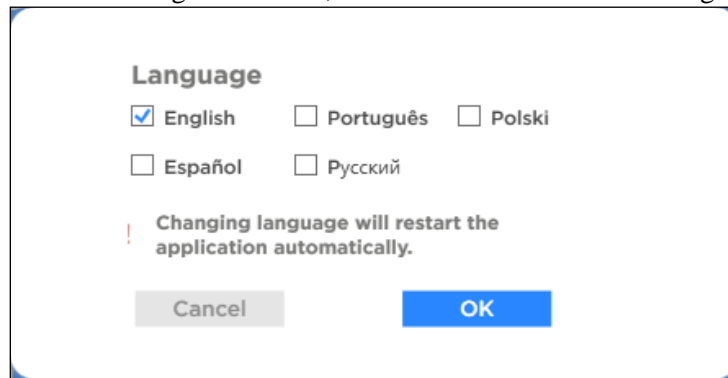
c. Feedback

Click Feedback, it enter feedback view. Submit your feedback, your feedback will be returned to Lenovo.

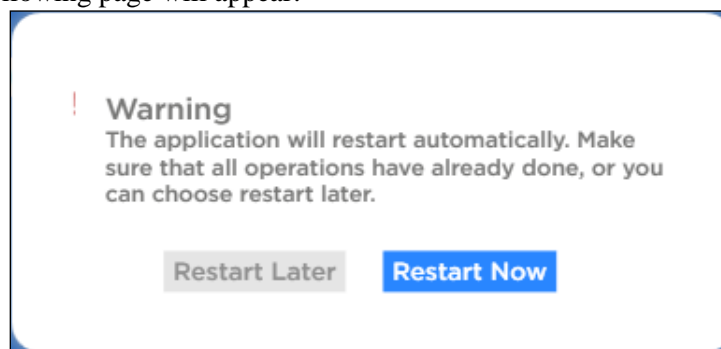


d. Switch Language

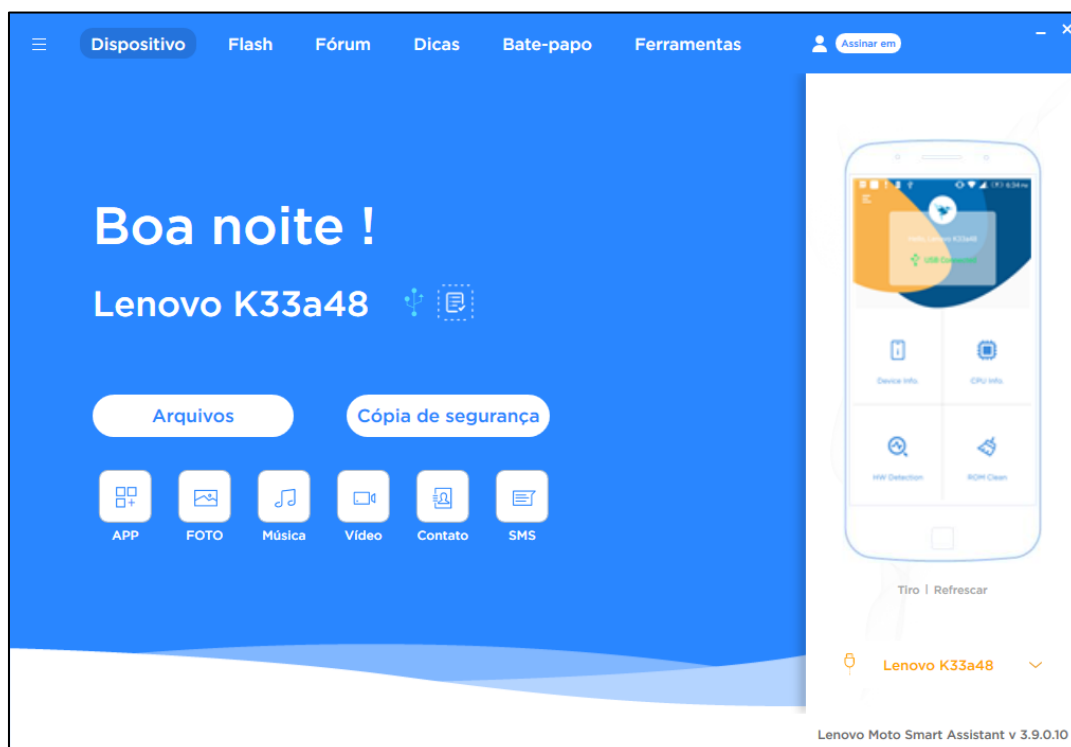
Click Language, and then click Português and OK, user can switch the client's language to Portuguese.



Click Ok button, the following page will appear:



Click Restart Now, the Client will be restart now and its language will changed.



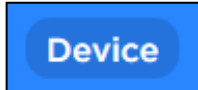


4 Plug-in Introduction

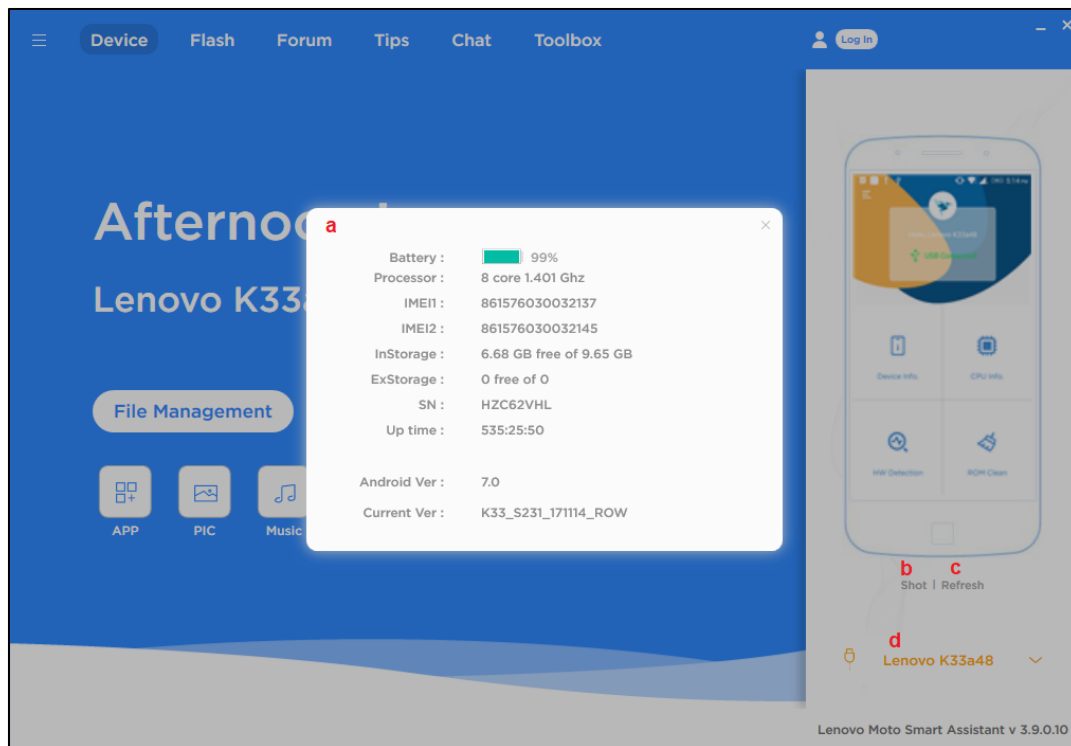
4.1 Device Management

Device management module is designed to manage the media content of mobile device, such as Pictures, Videos, Music, Contacts, SMS, etc. To use this function, device must be connected; the connection could be either USB cable or Wi-Fi.

Click the “Device” icon to launch this plug-in.



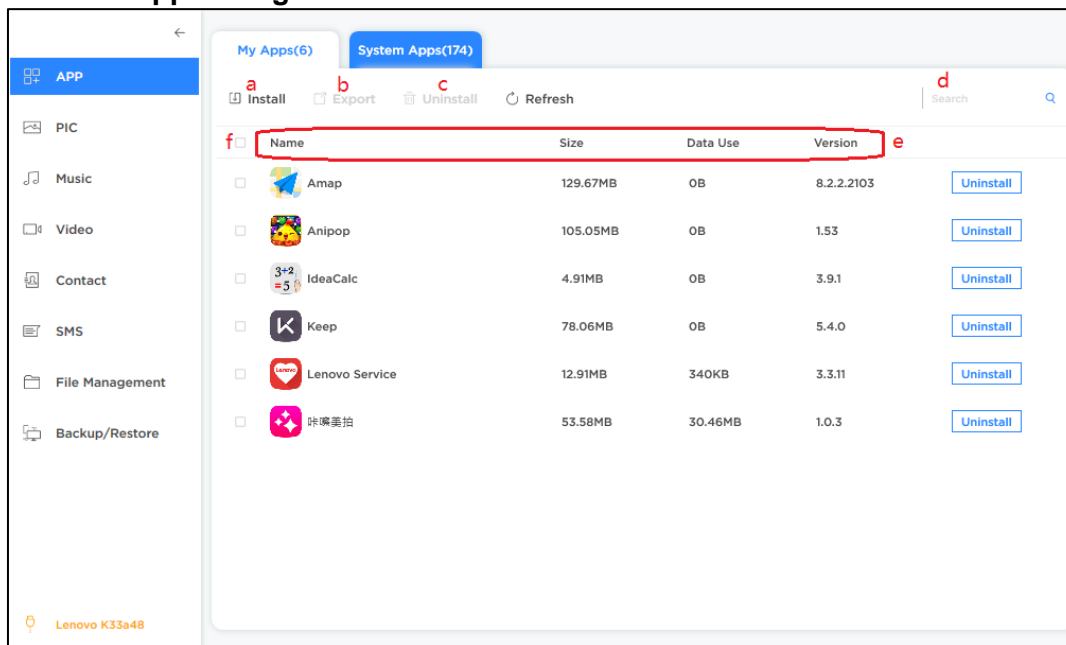
4.1.1 Device Info



- Device info: Display the devices information including model name, battery power, IMEI, SN, Internal storage capacity, external storage capacity, Android Version and Current Version.
- Shot: Shot the device's picture.
- Refresh: Refresh and display current device's picture.
- Switch Device: Switch the connected device.



4.1.2 Android App Management

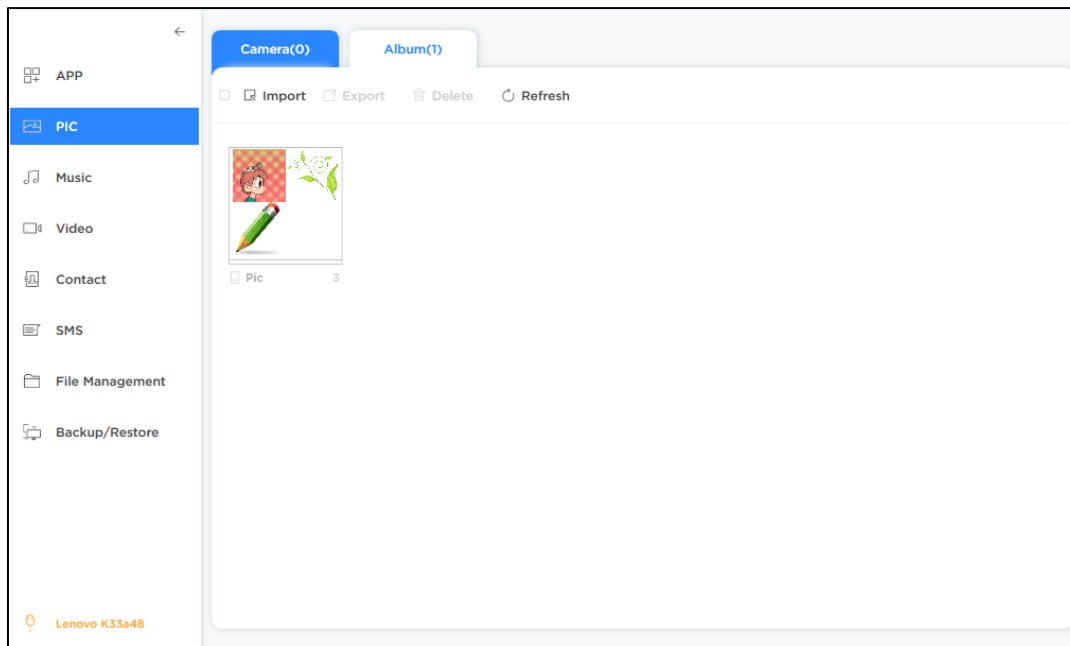


- a. Install: User can install new Android App by click “Install”. An APK file will transfer from PC path to device, and then install silently.
- b. Export: User can select an App, then click “Export” and select a PC path. The app’s APK file will be exported to the specified path.
- c. Uninstall: User can select an app, and then click “Uninstall” to uninstall it. Or click the Uninstall button behind the application.
- d. Search: User can input keywords to search the name of an App from the list.
- e. Sort: App supports sort function. User can sort them by “Name”, “Size”, “Data Use” or “Version”.
- f. Select All: Use can use it to select all Android Apps from the list.

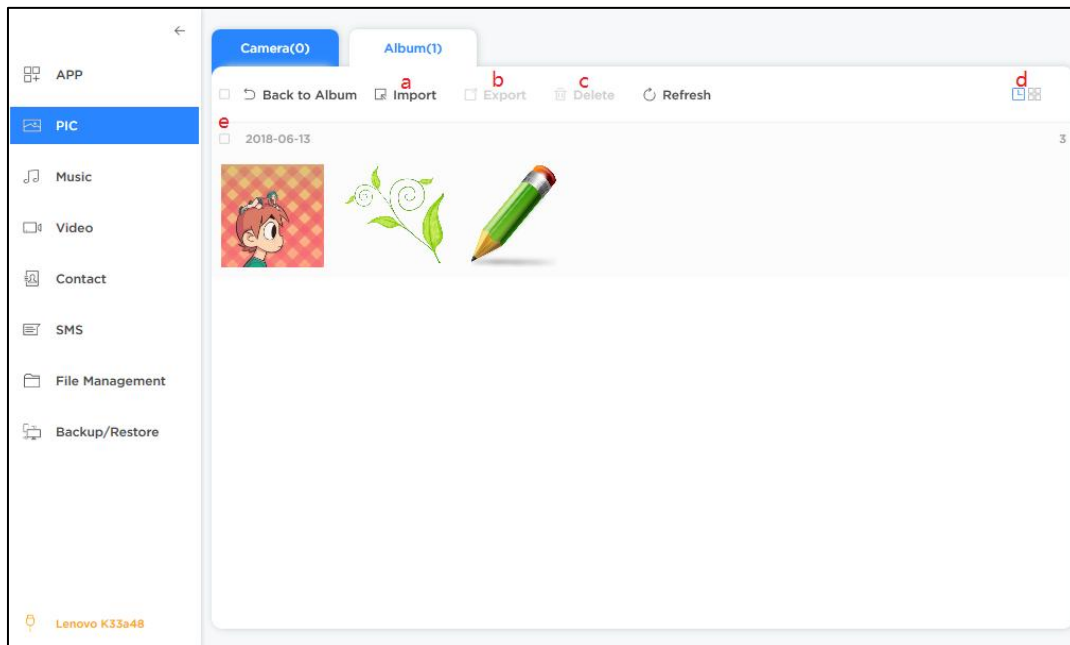


4.1.3 Picture Management

User can click “PIC” icon to enter the picture management view. It contains Camera and Album page. It only display camera’s picture. And it will display all pictures of Mobile phone on Album page. Album page will display all pictures’ folder on Mobile Phone and the page as below:



User double click a folder, the picture management page will appear:

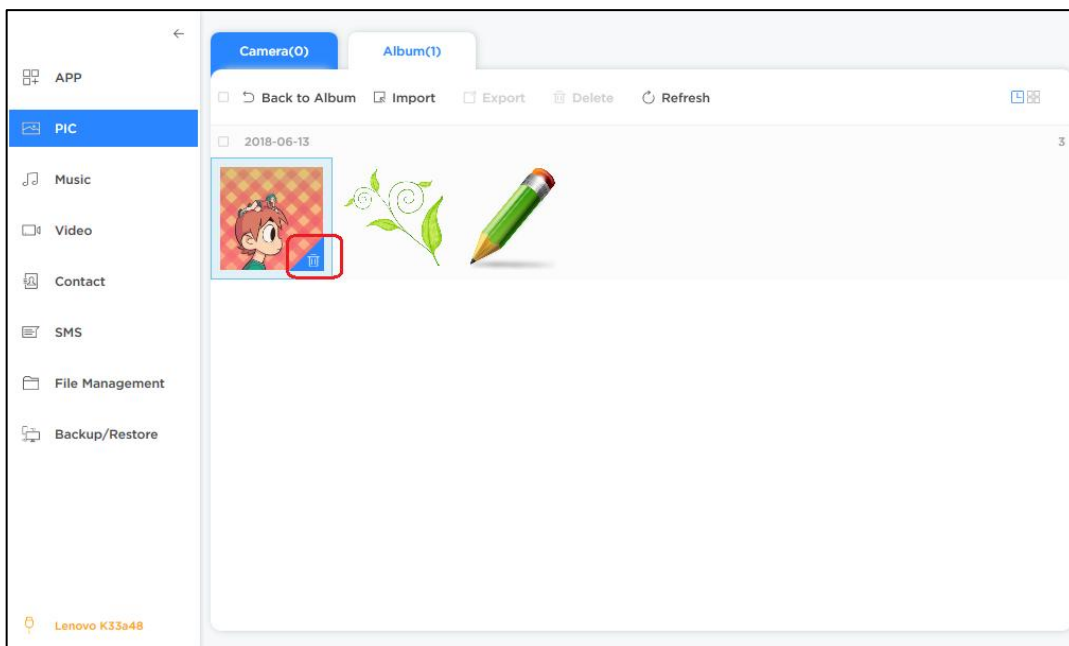


- Import: User can import image files from a specified PC path by click “Import” button.
- Export: User can select picture(s) from the list, then click “Export” and select a PC path. The selected picture(s) will be exported to the specified path.

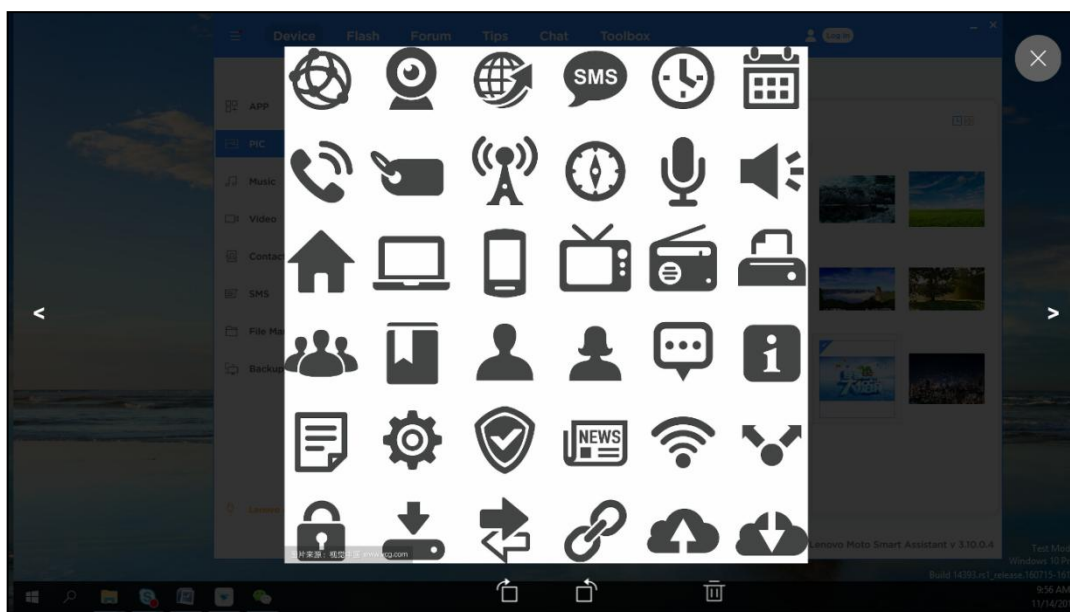




c. Delete: There are three methods to delete picture(s) from device.

- Select picture(s), then click “Delete” button to delete selected pictures.
- Move the mouse over a picture, and then click the “Delete” icon on right-bottom corner.



- Double-click one picture, the original image will display. And then click the “Delete” icon at bottom.

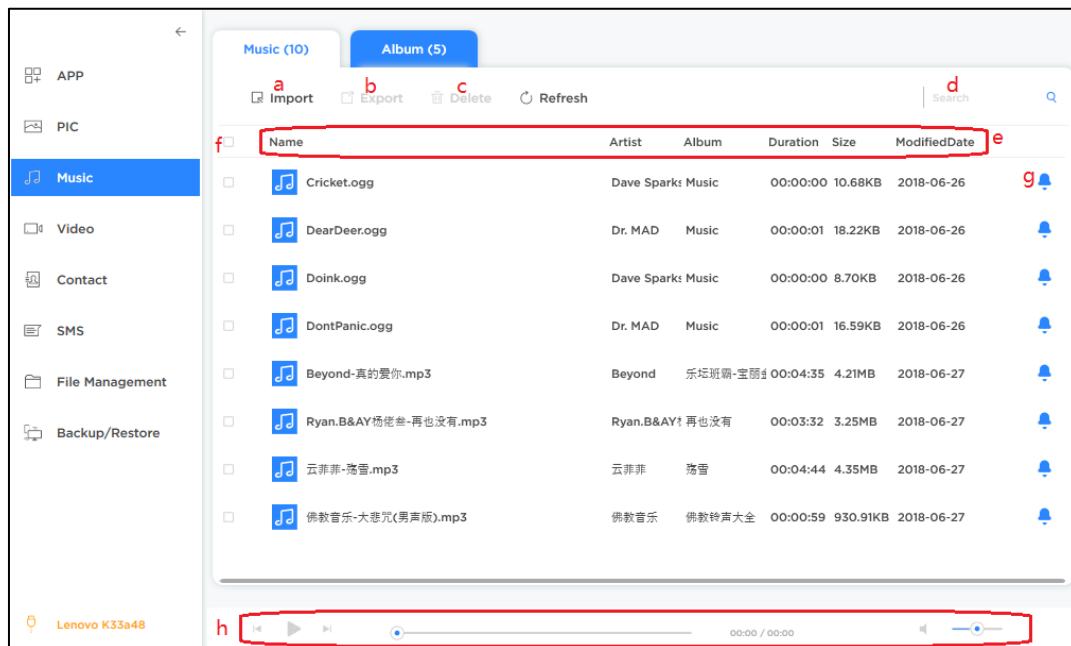


- d. View: PIC supports two view modes: Time and Grid. User can click  icon to switch to time mode, click  icon to switch to grid mode. User also can double-click the picture to view the original picture. And then click the rotate icon to rotate the picture. Click the “<” or “>” to view previous or next picture.
- e. Select All: User can use it to select all images from the list.



4.1.4 Music Management

User can click “Music” icon to enter the music management view.



- a. Import: User can import music files from a specified PC path by click “Import” button.
- b. Export: User can select music file(s), and then click “Export” button and select a PC path. The selected music file(s) will be exported to the specified path.
- c. Delete: User can select music file(s), then click “Delete” button to delete selected one(s).
- d. Search: User can input keywords to search the name of music file from the list.
- e. Sort: User can sort the music file list by clicking on the column names - “Name”, “Artist”, “Album”, “Duration”, “Size” or “Modified Date”.
- f. Select All: User can use it to select all music file(s) from the list.
- g. Set as Ringtone: User can click “Set as Ringtone” button to set the music as “Call”, “Notification” or “Alarm” ringtone.
- h. Play: User can double-click music to play the music and drag progress bar to change the progress.

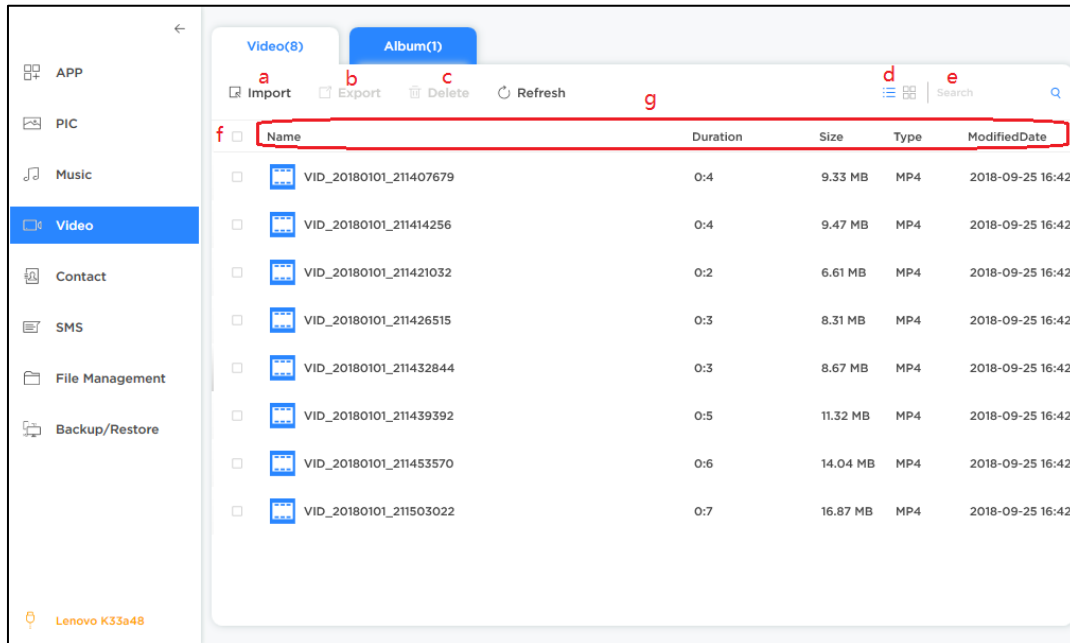
And drag volume-progress to adjust volume. Click  icon to switch to play previous music. Click  icon to switch to play next music.





4.1.5 Video Management

User can click “Video” icon to enter the video management view.



- a. Import: User can import video file(s) from a specified PC path by click “Import” button.
- b. Export: User can select video, and then click “Export” and select export path. The selected video will be exported to export path.
- c. Delete: User can select video, then click “Delete” to delete selected video.
- d. View: Video supports two view modes: Grid and List. User can click icon to switch to list mode, click icon to switch to grid mode.
- e. Search: User can input keywords to search video.
- f. Select All: Video supports select-all video function.
- g. Sort: Video supports sort function on list mode. User can sort them by “Name”, “Duration”, “Size”, “Type” or “Modified Date”.

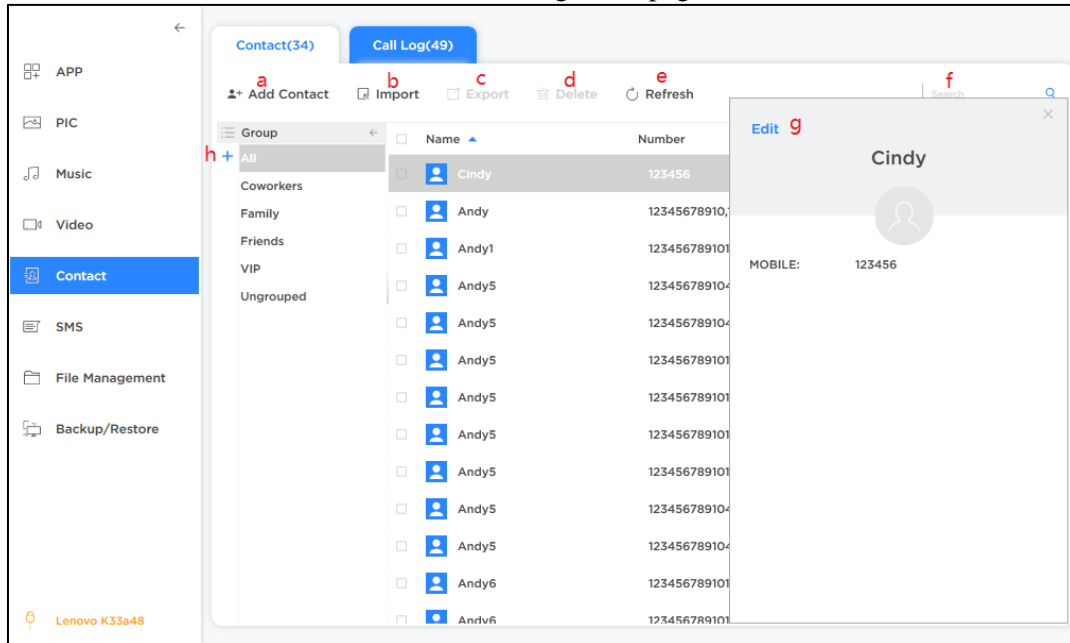
4.1.6 Contact Management

There are two functions: Contact management and Call Log management.



4.1.6.1 Contact Management

User can click “Contact” icon to enter the contact management page.

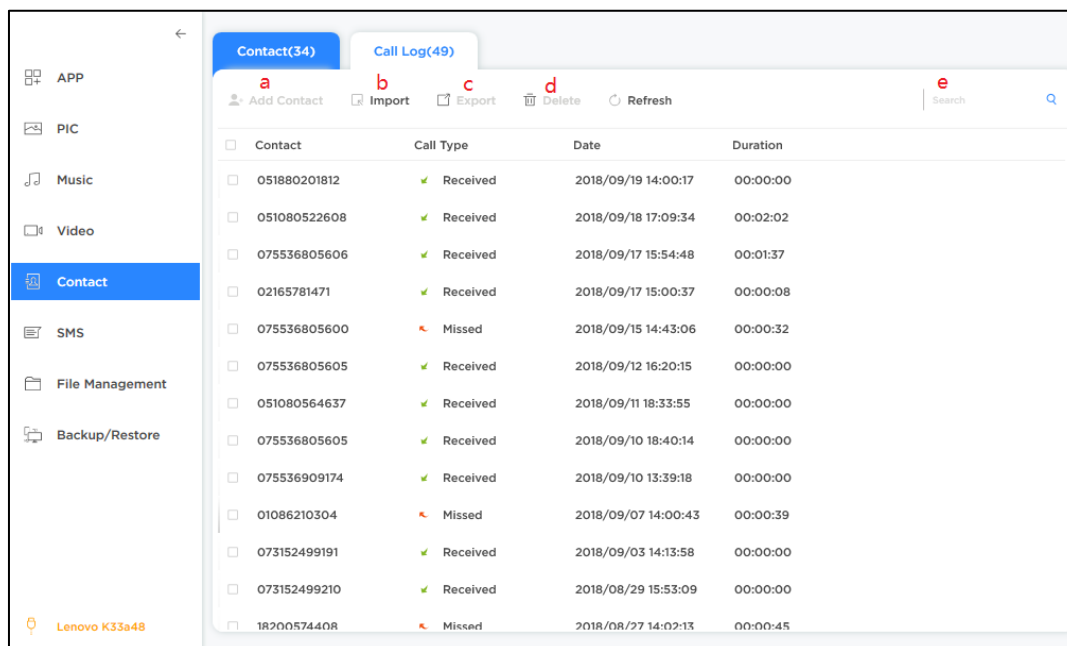


- a. Add Contact: User can add new contact by click “Add Contact” icon.
- b. Import: User can import contact from PC path by click “Import” icon.
- c. Export: User can select contact, and then click “Export” and select export path. The selected video will be exported to export path.
- d. Delete: User can select contact, then click “Delete” to delete selected contact.
- e. Refresh: When adding or deleting contact on Device/LMSA Client, user click “Refresh” icon, it will display new contacts list.
- f. Search: User can input keywords to search contact.
- g. Edit: User double click a contact, the contact detail information will be displayed at right view. Click the “Edit” to edit the details of the contact.
- h. Add Group: User can click “+” icon to add new contact’s group on Group list.



4.1.6.2 Call Log Management:

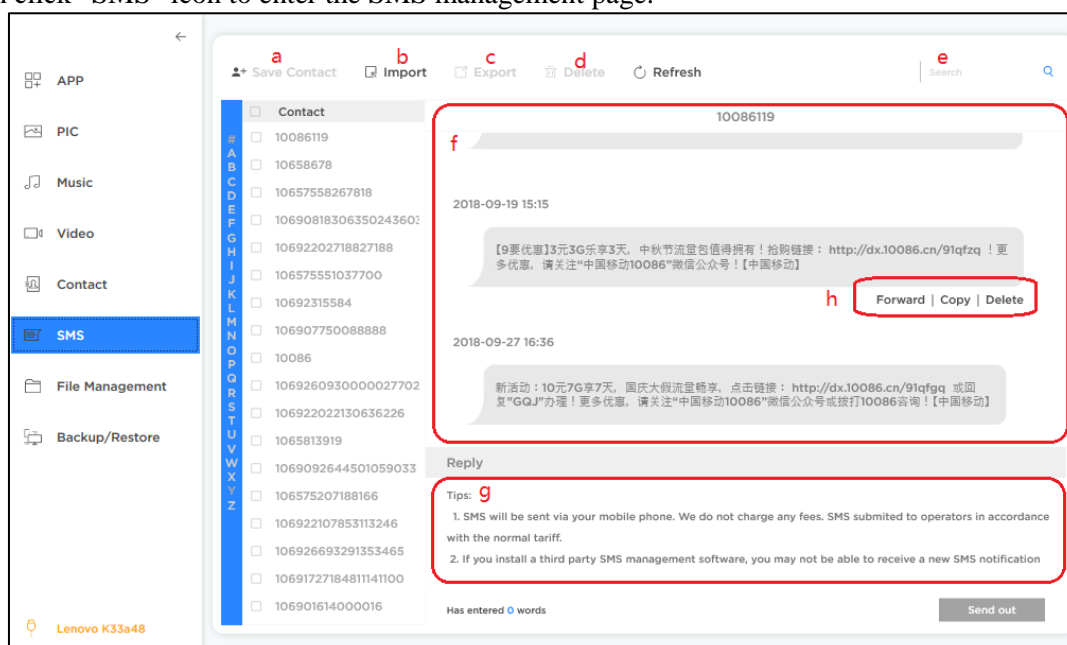
User can click “Call Log” icon to enter the Call Log management page.



- Add Contact: Select a call log record, and then click the “Add contact” to add the contact.
- Import: User can import call log from PC path by click “Import” icon.
- Export: User can select call log, and then click “Export” and select export path. The selected call log will be exported to export path.
- Delete: User can select call log, then click “Delete” to delete selected call log.
- Search: User can input keywords to search call log.

4.1.7 SMS Management

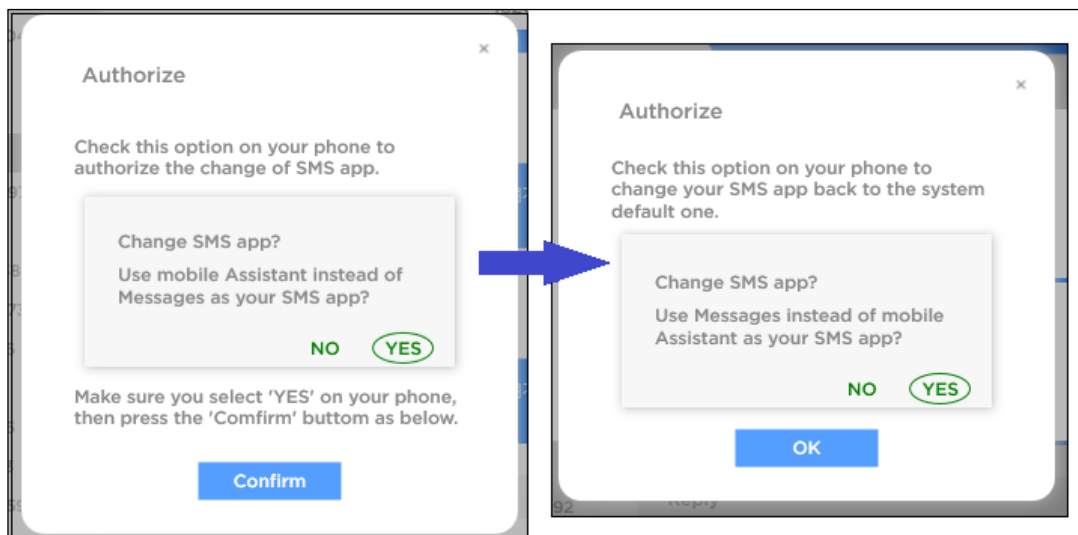
User can click “SMS” icon to enter the SMS management page.



- Save Contact: Select a phone number from the left pane of SMS management view, and then click “Save Contact” icon to add a new contact with selected phone number.



- b. Import: User can import SMS message(s) from a specified PC path by click “Import” icon.
- c. Export: User can select a phone number from the left pane of SMS management view, and then click “Export” icon and select a PC path. All SMS messages of the selected phone number will be exported to the specified path as a file.
- d. Delete: There are two ways to delete SMS message(s) from device.
 - Check a phone number’s checkbox, and then click the “Delete” to delete all the SMS messages of the phone number
 - Click a phone number in Contact list to show all messages belonged to him/her. And then move the mouse to a message, and then click the “Delete” icon appeared under the message.
- e. Search: User can input keywords to search the content of all messages belonged to the selected phone number.
- f. User can click a contact on contact list, and then view the detail message information on right of view.
- g. Reply: Click a phone number in Contact list, and then input the message on Reply content box. Finally click “Send out” button to send it out via mobile phone.
- h. User can move the mouse to a message, the “Forward”, “Copy” and “Delete” option will appear.
 - Forward: Click the “Forward” icon appeared under the message. It will enter the Forward message view. Input phone number or double-click the phone number in Contact list to add receiver, and input message content. Finally click “Send out” button to send it out via mobile phone.
 - Copy: Click the “Copy” icon appeared under the message. The message will be copy to clipboard.
 - Delete: Click the “Copy” icon appeared under the message, it will delete the message from Mobile phone.



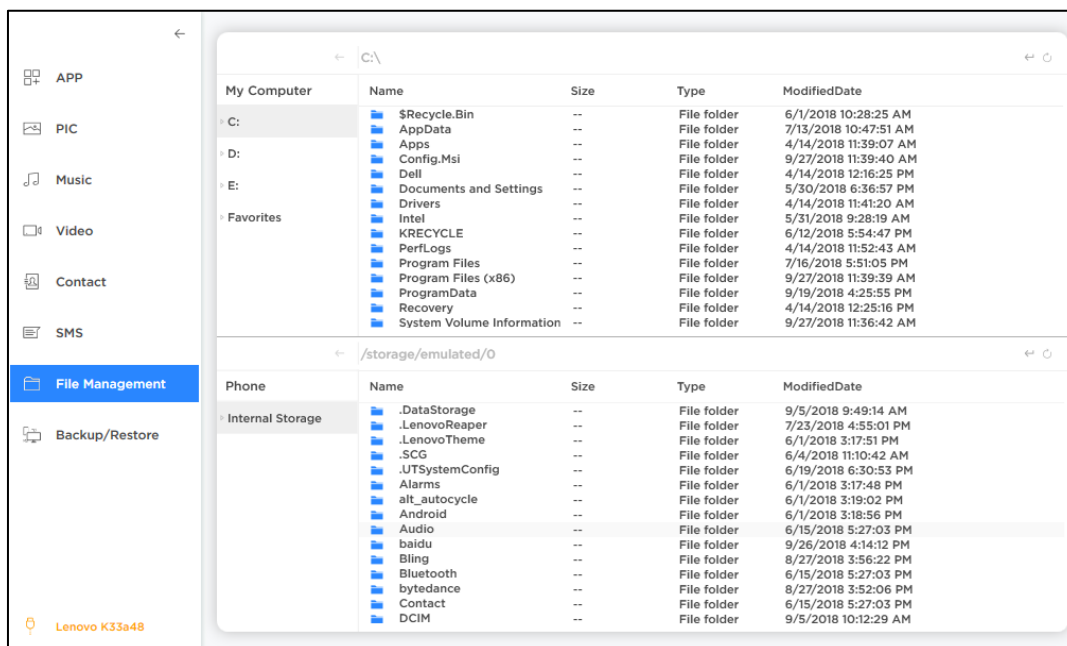
[Note] Delete, import and send out functions need to authorize the change of SMS app on mobile phone. Please click “OK” on device screen if LMSA Client pop up the “Authorize” box, and then continue next step.

4.1.8 File Management

User can click “File Management” icon to enter the file management view. It will display PC’s file at above and the device’s internal storage file at below. User can double-click the folder to open the folder.

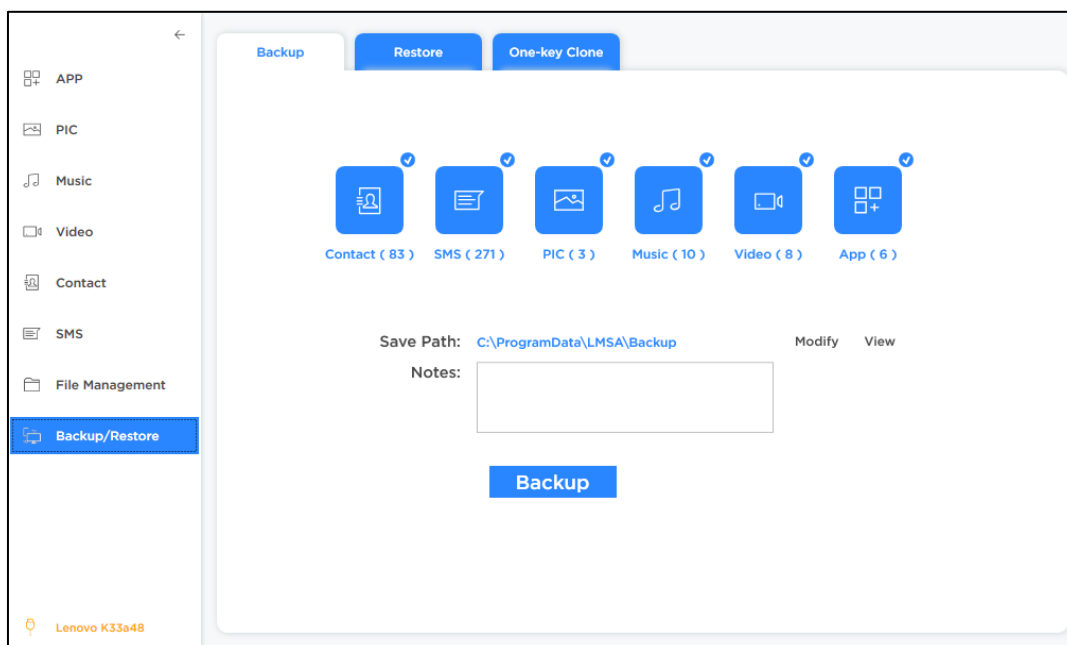


If user wants to copy file from PC to device or from device to PC, the user can drag the file or folder from PC to device or from device to PC.



4.1.9 Backup/Restore

Backup:

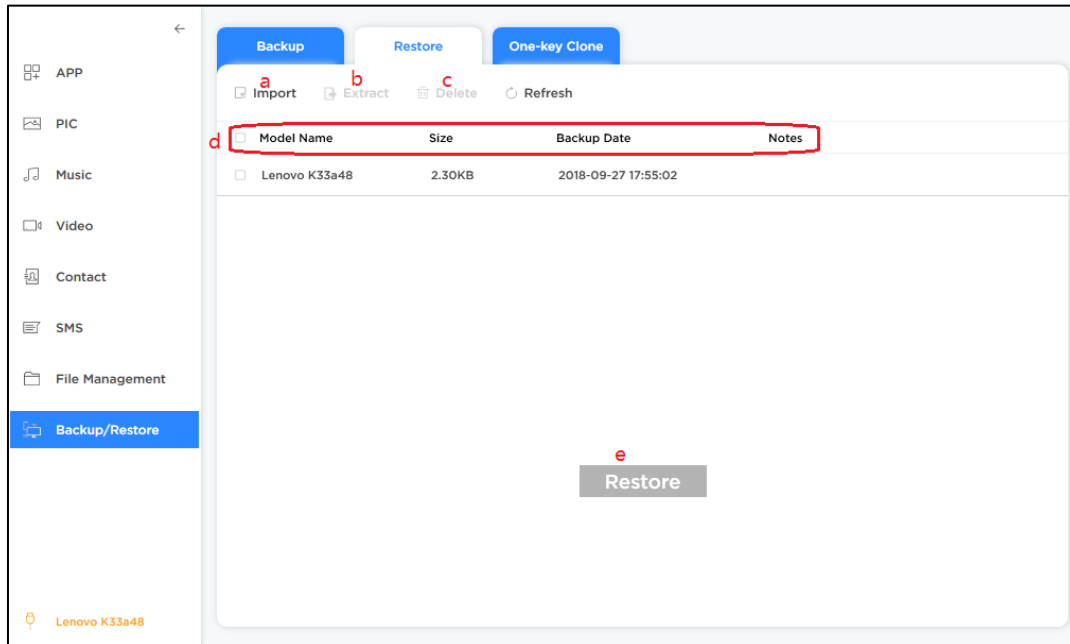


- User can click Backup icon and select Contact, SMS, PIC, Music, Video or App icon, and then click Backup button to backup.
- User can click Modify to modify the save path for backup file.
- User can click Video icon to enter the save path.

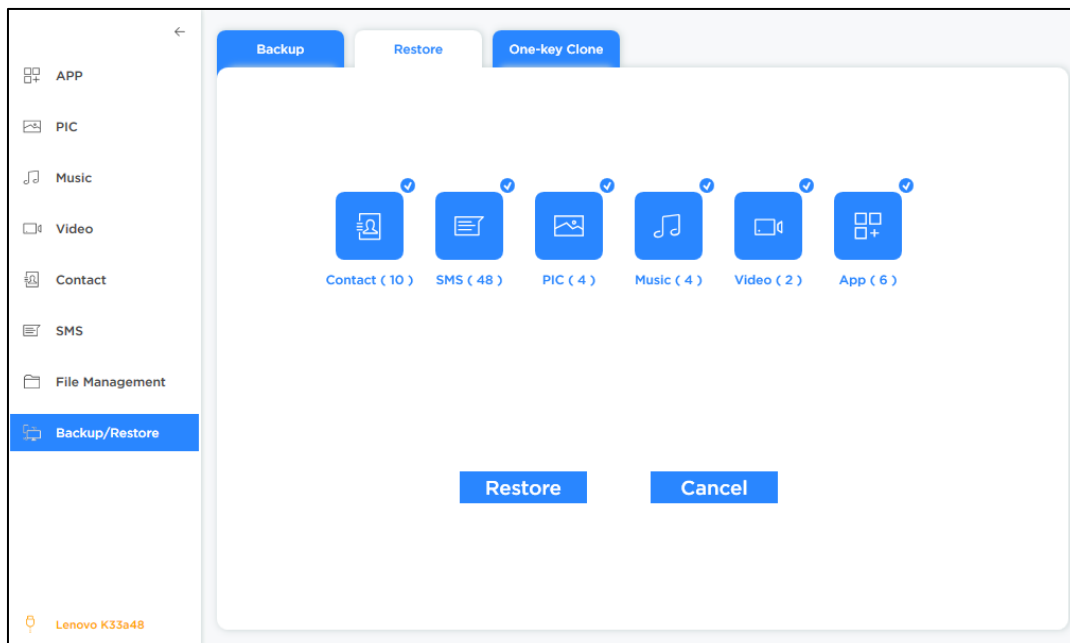


Restore:

User can click Restore icon, it will enter Restore page. It will display the backup file's Model Name, Size, Backup Date and Notes.

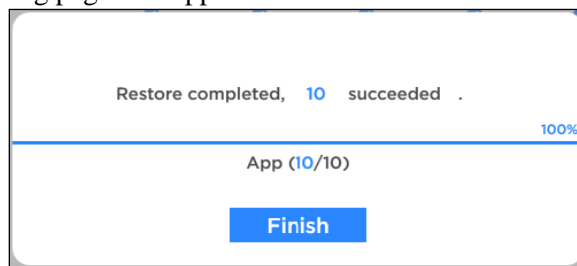


- User can click "Import" icon to import backup file.
- User can select backup file and click "Extract" icon to extract the backup file, and then import them one by one.
- User can select backup file and click "Delete" icon to delete the backup file.
- User can click "Model Name", "Size", "Backup Date" or "Notes" to sort by backup file.
- User can click "Restore" button enter detail restore page, and then select needed restore item and click "Restore" to restore.



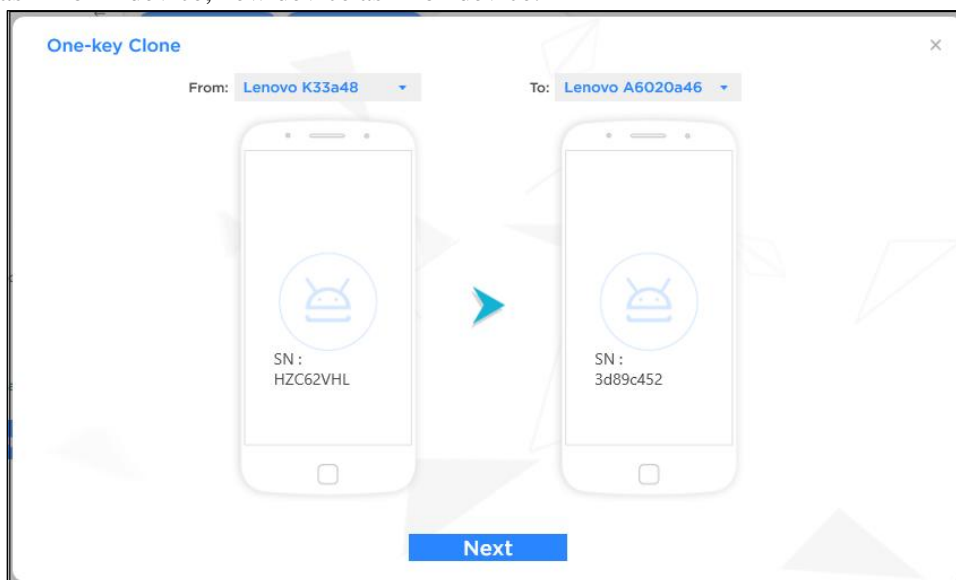


Restore completed, the following page will appear:

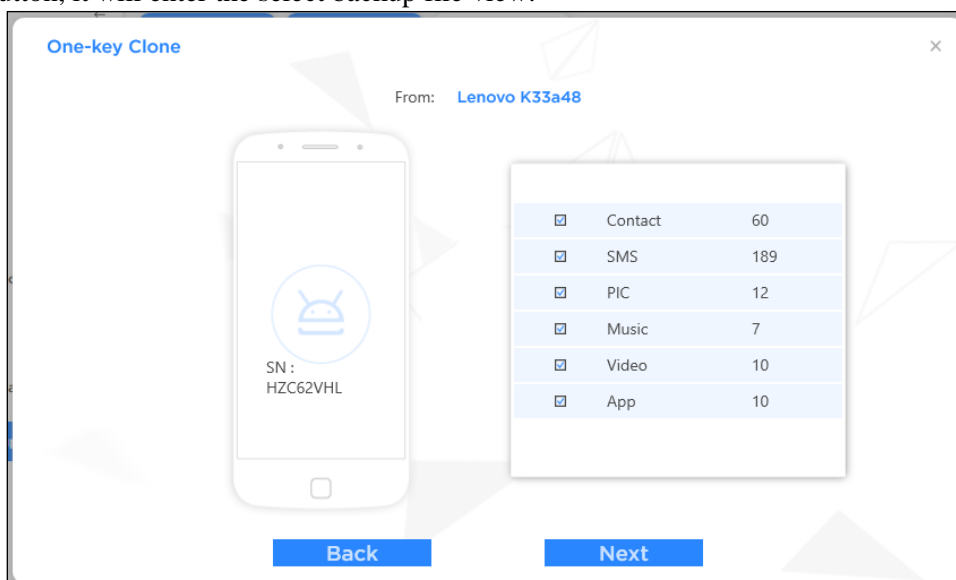


One-key Clone:

Connect two devices to Client, then click One-key Clone icon, it will enter One-key Clone page. Select the older device as “From” device, new device as “To” device.

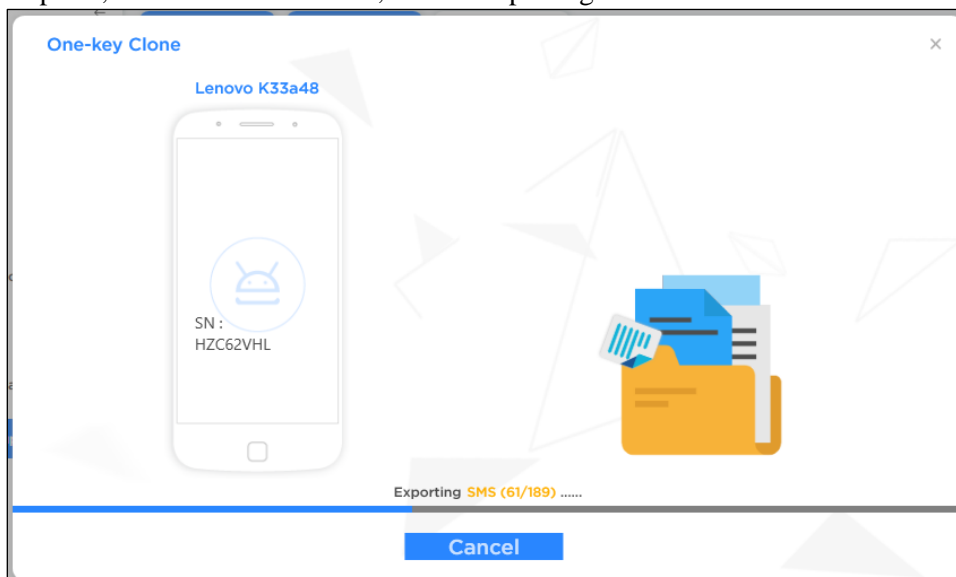


Click Next button, it will enter the select backup file view.

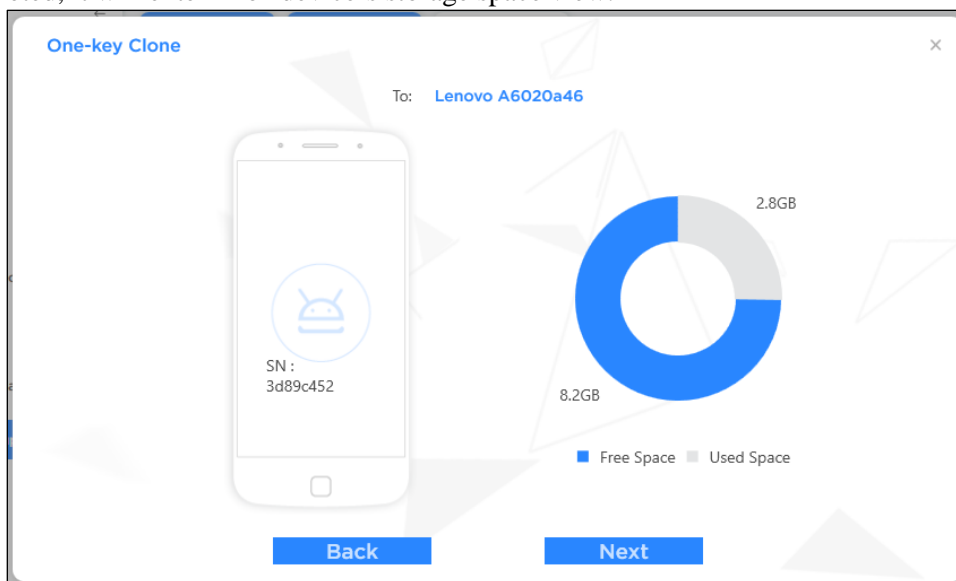




Select the backup file, then click Next button, it will “exporting” view.

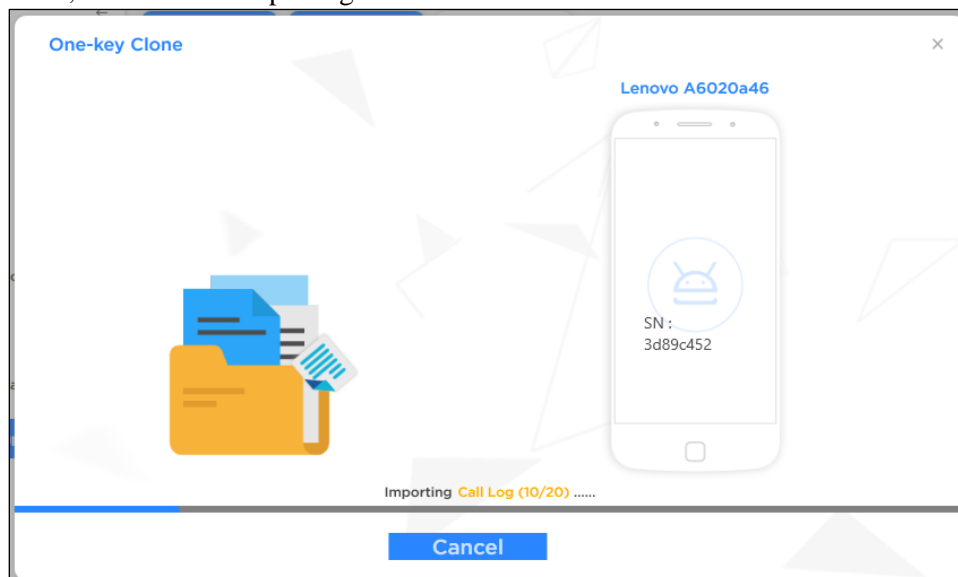


Export completed, it will enter “To” device’s storage space view.

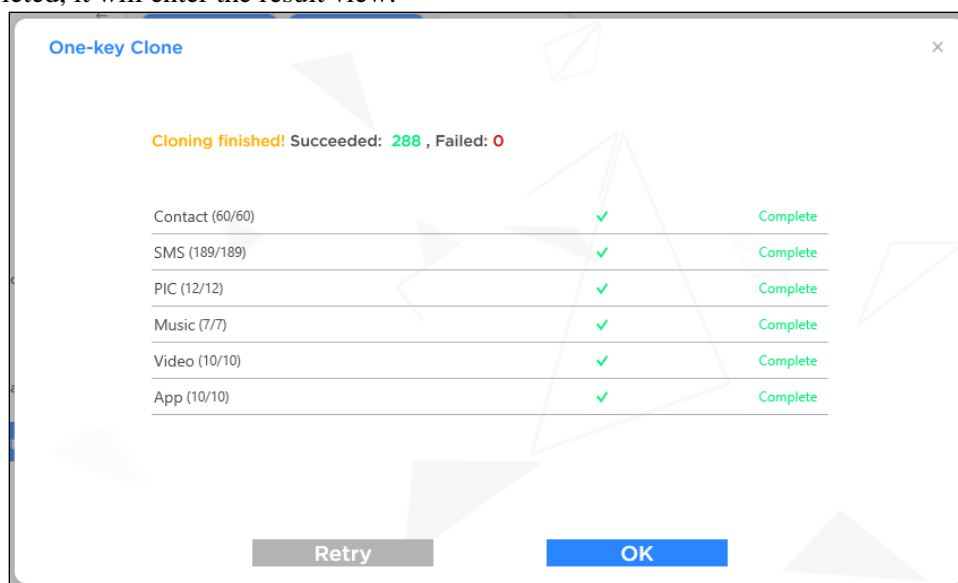




Click Next button, it will enter “importing” view.

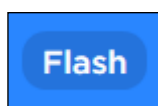


Import completed, it will enter the result view.



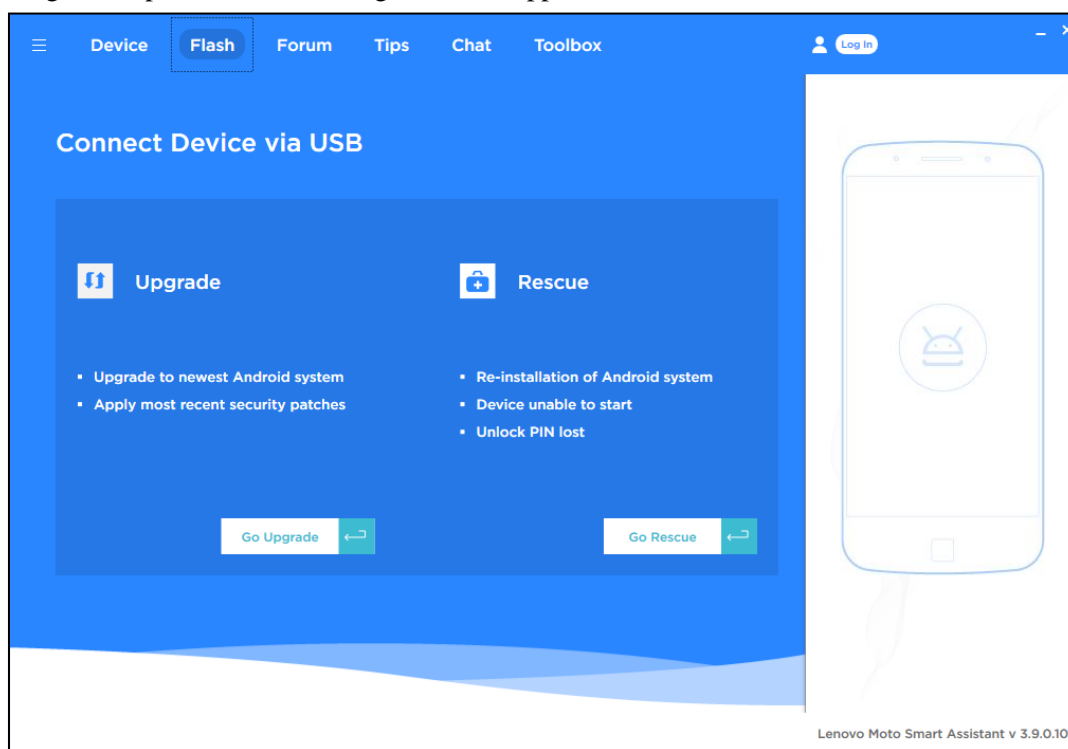
4.2 Flash

Click the “Flash” plug-in button:





Once loading is completed, the following view will appear:



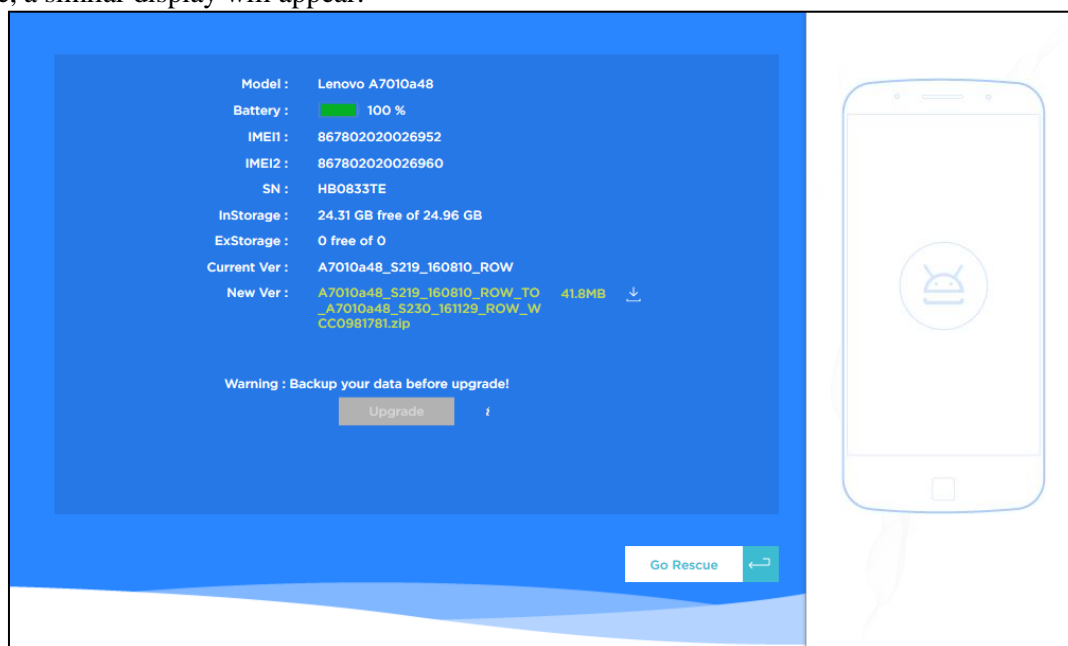
Tap “Go Upgrade” button, it will enter Upgrade view. Tap “Go Rescue” button, it will enter Rescue view.

4.2.1 ROM Upgrade

It supports Moto and Lenovo device upgrade. When the user’s Lenovo or Moto device is connected via USB, Lenovo Moto Smart Assistant will automatically recognize the device. The Upgrade Rom page displays the devices information including model, battery power, IMEI, SN, Internal storage capacity, external storage capacity, and Current Version and New Version.

4.2.1.1 Lenovo Upgrade

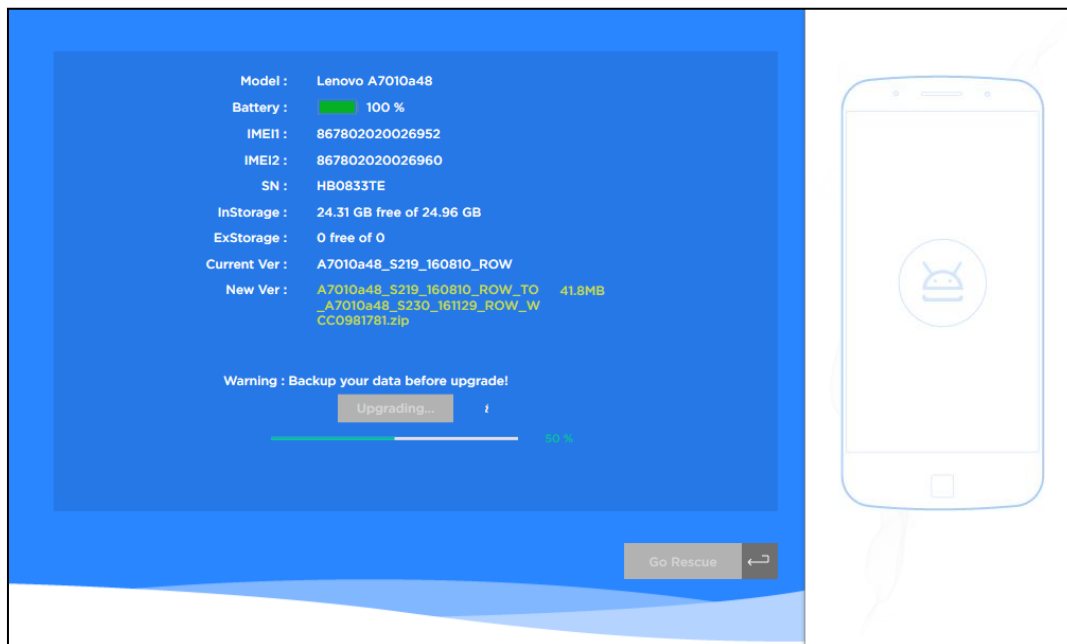
The Lenovo device is connected via USB, if it is of a supported model and there have one matching ROM available, a similar display will appear:



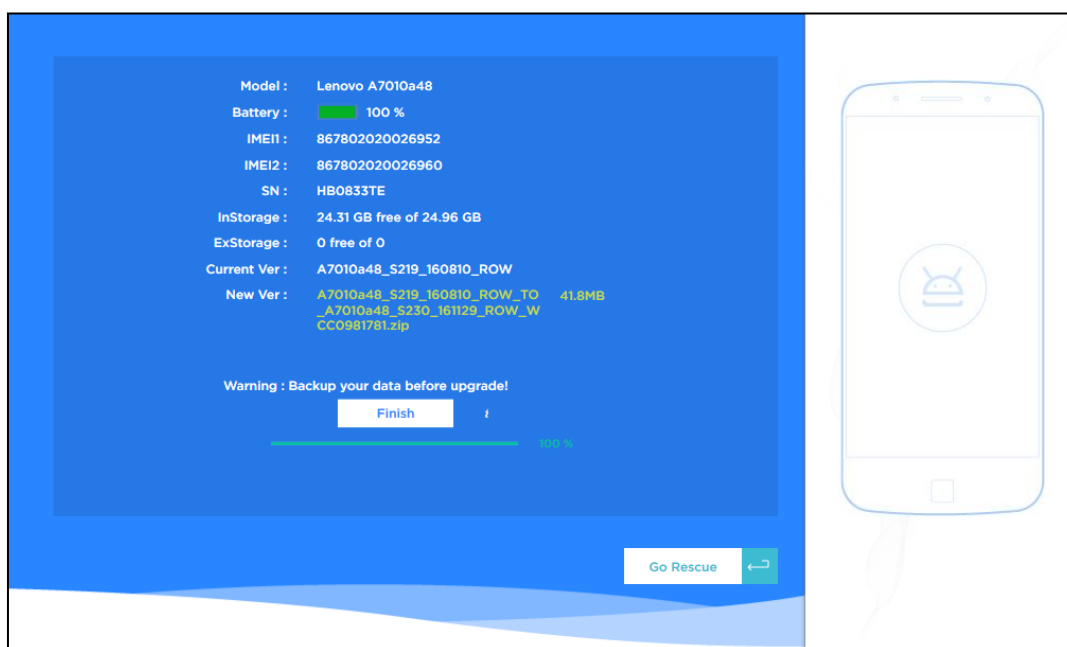


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User can click download icon to download ROM. When the ROM download finished, user can click the “Upgrade” button to upgrade device.



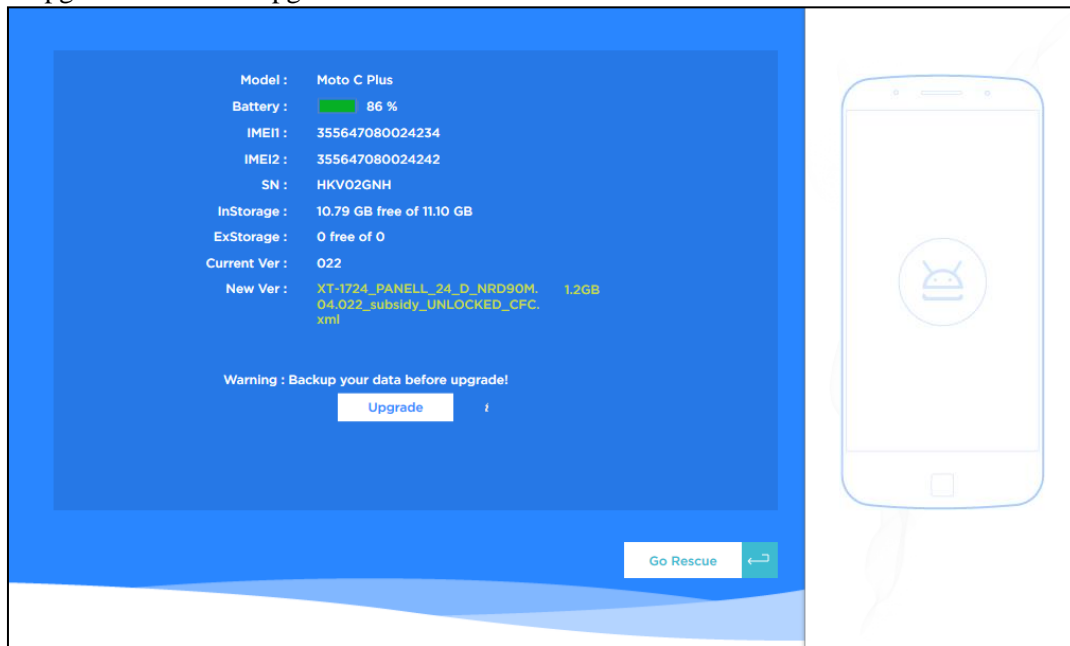
After upgrade successfully, it will display “Finish” view:



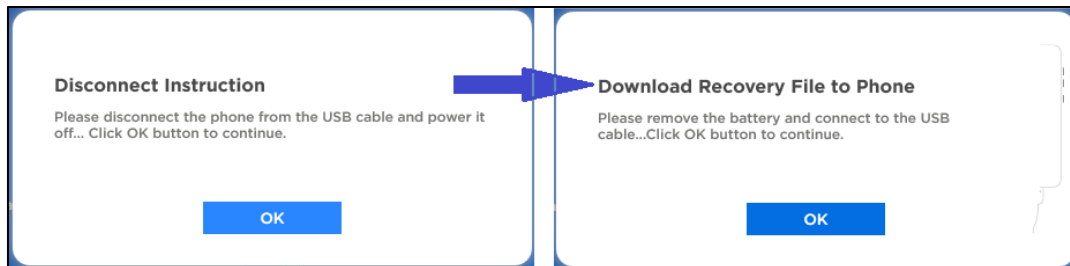


4.2.1.2 Moto Upgrade

The Moto device is connected via USB, if it is of a supported model and there have one matching ROM available. User can click download icon to download ROM. When the ROM download finished, user can click the “Upgrade” button to upgrade device.

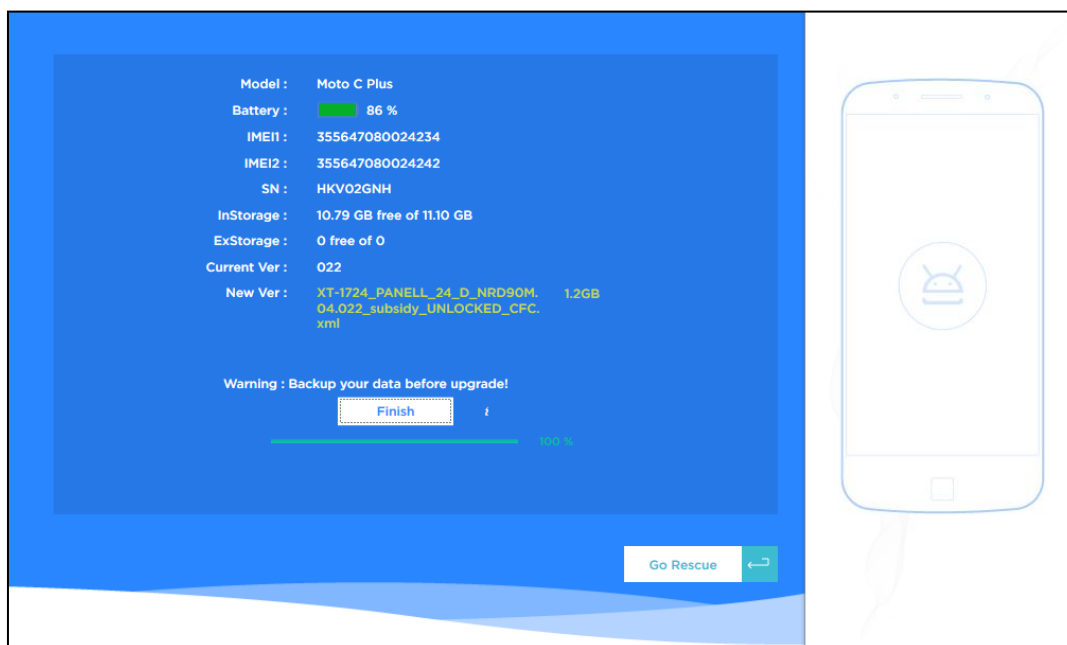


User click the “Upgrade” button, the connect box pop up. Connect the device according to the prompt message.



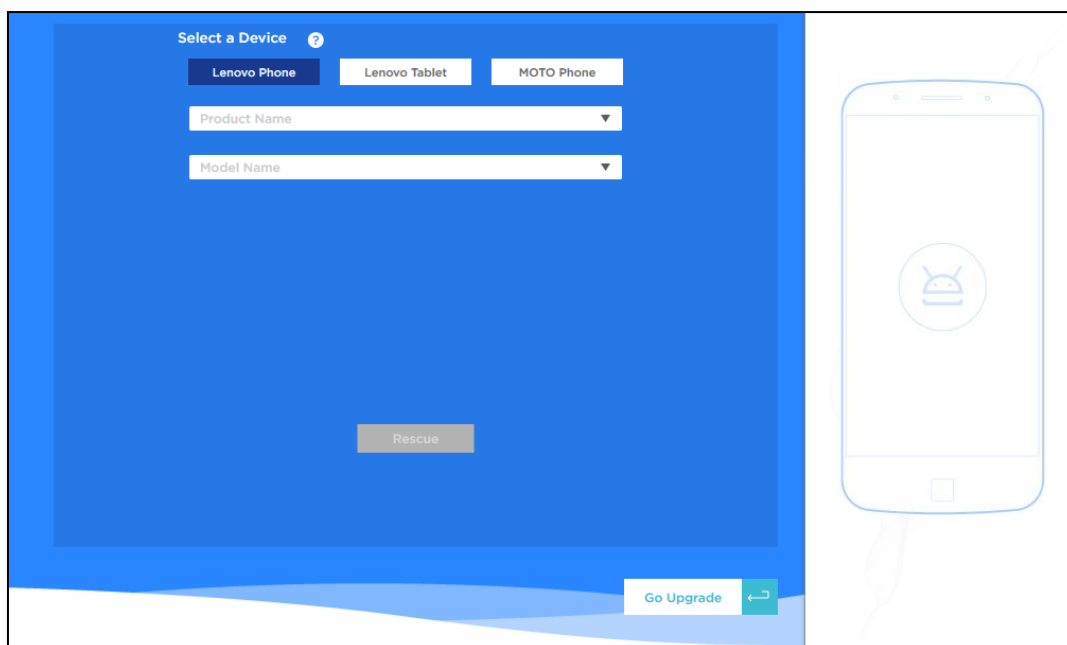


After upgrade successfully, it will display “Finish” view:



4.2.2 Device Rescue

Click “Go Rescue” button to enter Device Rescue view:



4.2.2.1 Lenovo Device Rescue



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Click “Lenovo Phone” or “Lenovo Tablet” button, and then in turn select product name and model name on “Product Name” and “Model Name” input dialog box. If it will not match the ROM image, input others parameter (eg: HW Code, SIM Count or Country). When match the ROM image, then click Download icon to download the ROM image.

The screenshot shows the 'Select a Device' screen of the Lenovo Moto Smart Assistant. It features three tabs: 'Lenovo Phone' (selected), 'Lenovo Tablet', and 'MOTO Phone'. Below the tabs are several dropdown menus for selecting the device: 'Lenovo VIBE K5 Plus', 'Lenovo A6020a46', '10', 'India', and 'Single'. A 'Rescue' button is visible at the bottom. To the right of the selection area is a large illustration of a smartphone with the Android logo on its screen. At the bottom right, there is a 'Go Upgrade' button with a right arrow icon.

Select a Device ?

Lenovo Phone | Lenovo Tablet | MOTO Phone

Lenovo VIBE K5 Plus

Lenovo A6020a46

Select a model name to search.

10

Please select the HW Code.

India

Single

Target Image : A6020a46_USR_S034_1604112200_Q1021101.2 (1.5GB)

Warning : Please make sure the target image matches your phone, and be careful that after flash, all data on the phone will be cleared!

Rescue

Go Upgrade

The “Rescue” button will be highlighted after the image is downloaded completely. User click “Rescue” button, then connect the device according to the prompt message.

The screenshot shows a dialog box titled 'Download Recovery File to Phone'. It contains a list of three instructions: 1. Ensure your phone is powered off and not connected to PC. 2. Press vol "+" and "-" button and connect phone with PC via USB at the same time. 3. Click OK button to continue. An 'OK' button is located at the bottom center of the dialog box.

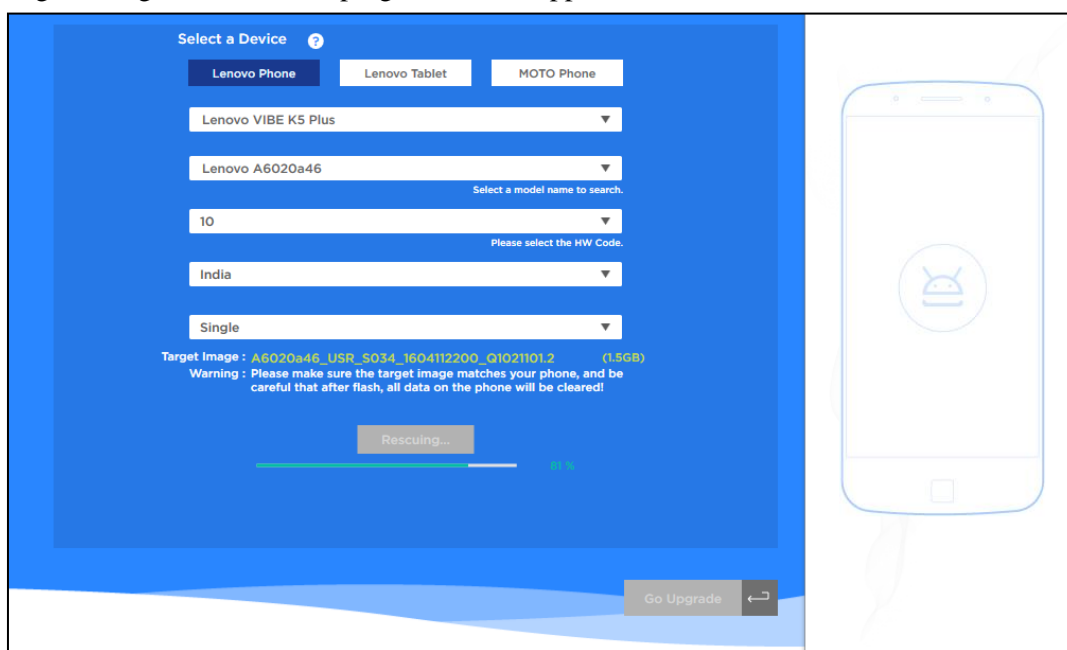
Download Recovery File to Phone

1. Ensure your phone is powered off and not connected to PC.
2. Press vol "+" and "-" button and connect phone with PC via USB at the same time.
3. Click OK button to continue.

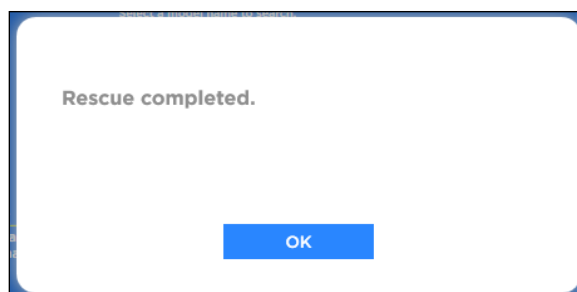
OK



The flashing will begin and the flash progression will appear:

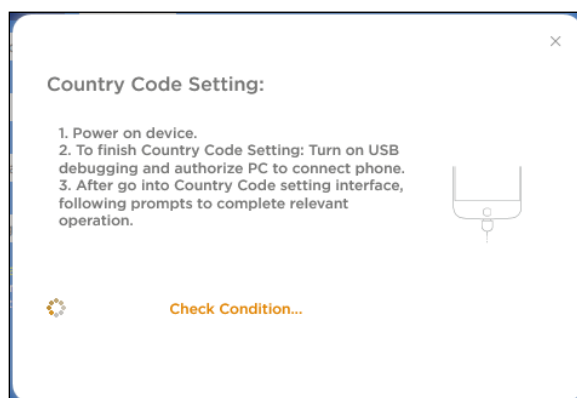


Once the flash is completed, the following page will appear:



Country Code Setting

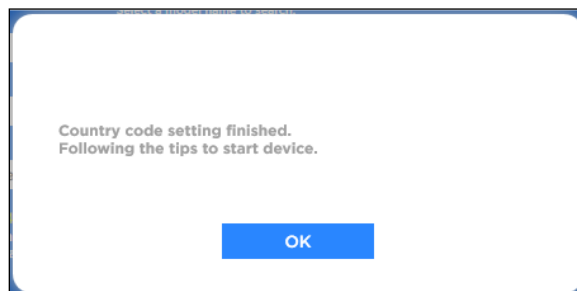
If the device is needed to deploy country code, the following page will appear. And connect the device according to the following prompt message.





User can according to the following prompt message to operate device and set country code.

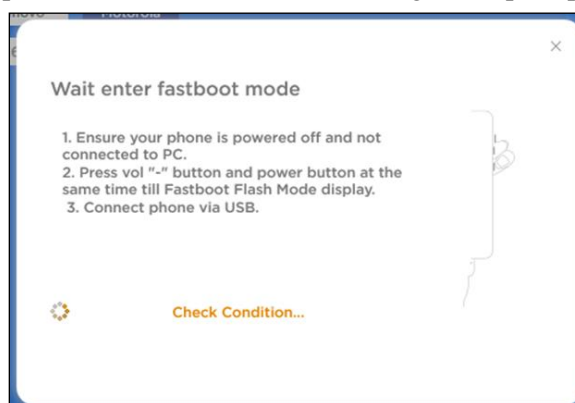
When Country code is set successfully, the following page will appear:



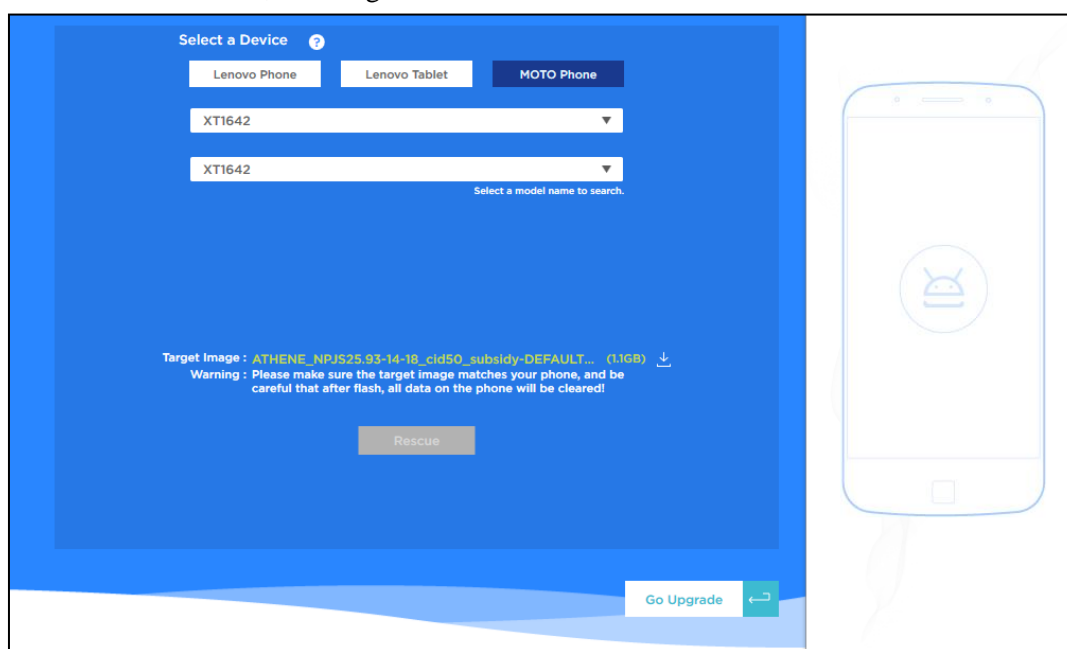
4.2.2.2 MOTO Device Rescue:

Click “Moto Phone” button, and then in turn select product name and model name on “Product Name” and “Model Name” input dialog box.

- 1) If it will not match the ROM image and the other selection box pop up, please input others parameter (eg: SIM Count, Country or Memory).
- 2) If the connect box pop up, please connect the device according to the prompt message.

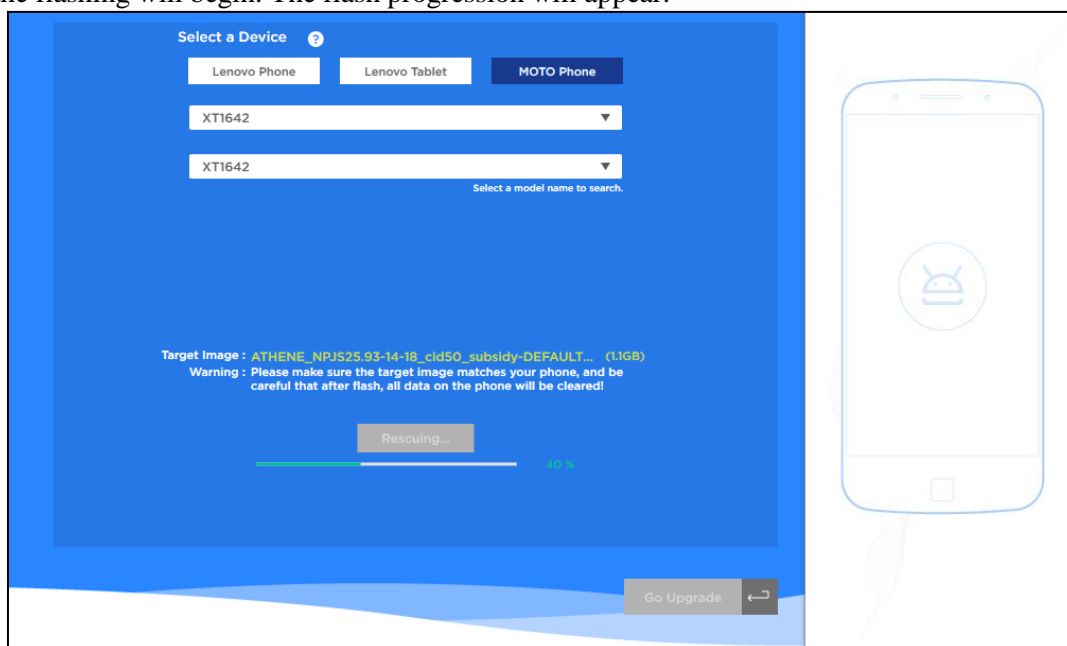


User click download icon, the image will be downloaded.

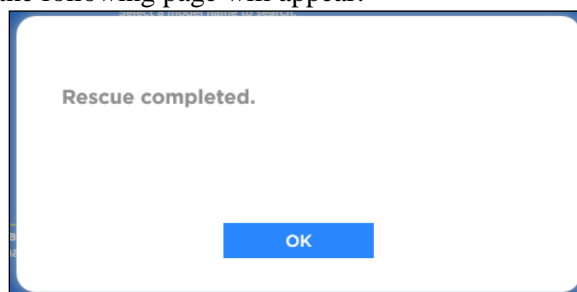




The “Rescue” button will be highlighted after the image is downloaded completely. User click “Rescue” button, the flashing will begin. The flash progression will appear:



Once the flash is completed, the following page will appear:



4.3 Tips

Tips Online will grab some data (Product Name) from Lenovo site through API for Lenovo and Moto Device. It will display the popular Lenovo smart phone, Lenovo tablet and Moto smart phone at bottom.

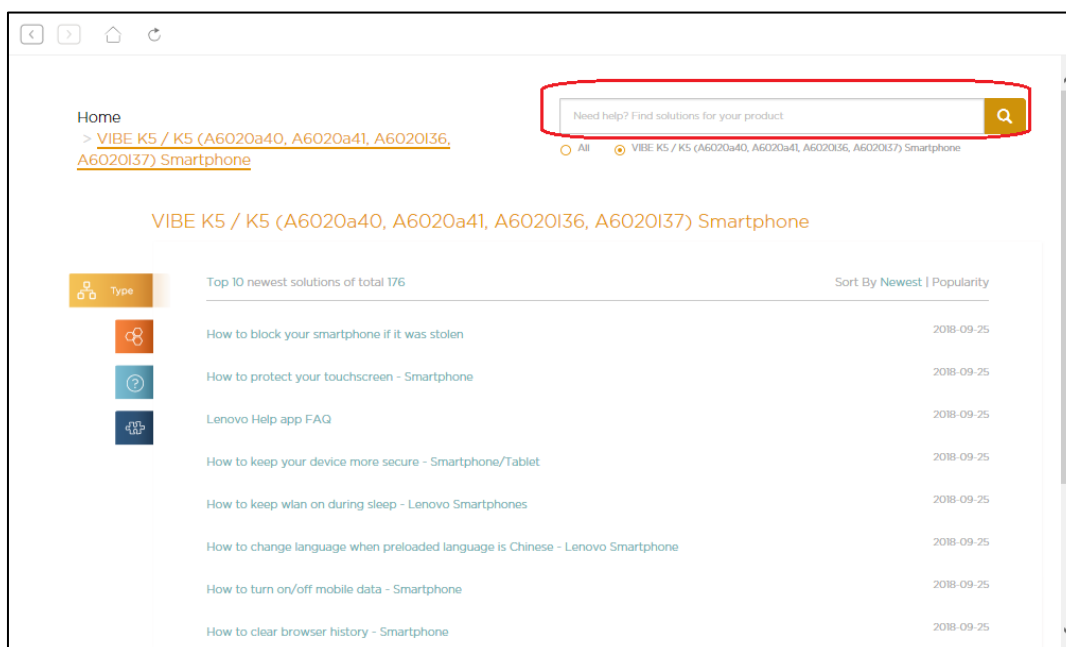


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User also clicks the popular device to view the device's solution.

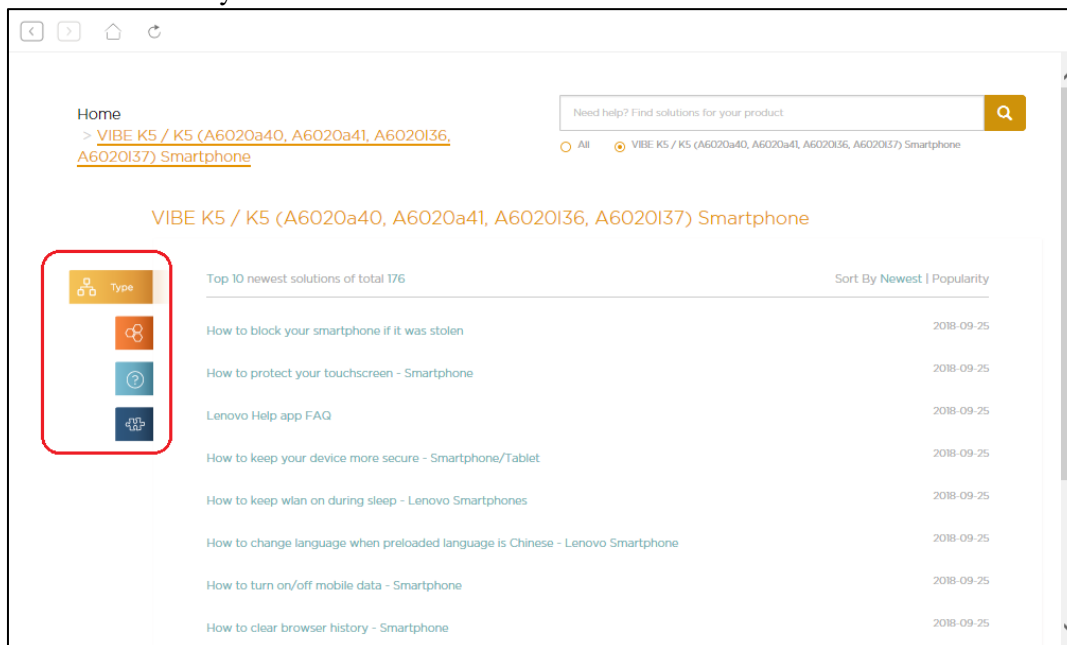


After input device name and then click search icon, it will match the solution information for input device. User can search the solutions by inputting keywords.

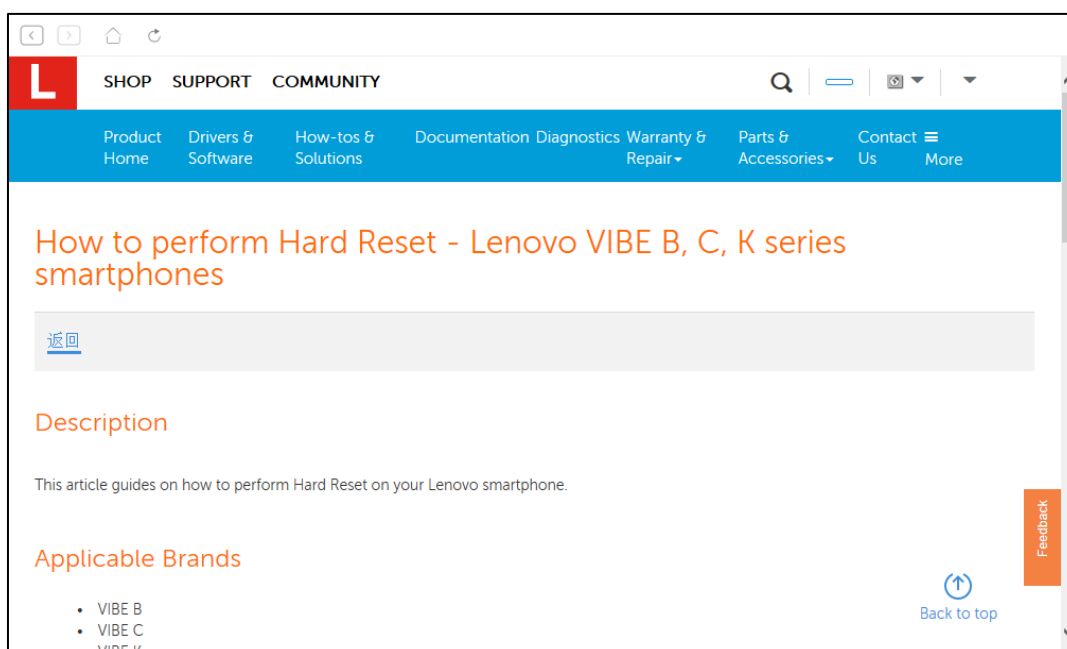




User can filter the results by select the filter conditions.

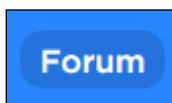


User can click one solution to view the detail solution information.



4.4 Forum

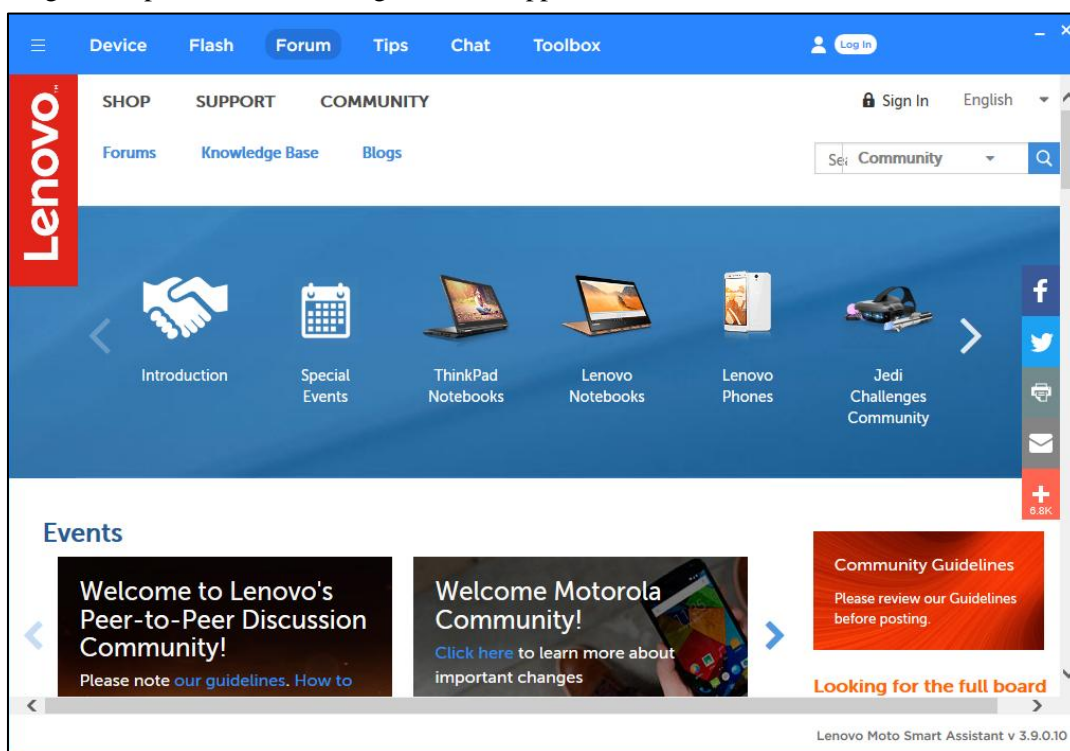
Click the “Forum” plug-in button:





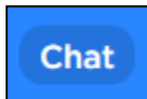
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Once loading is completed, the following view will appear. User can browse Lenovo's official forum here.

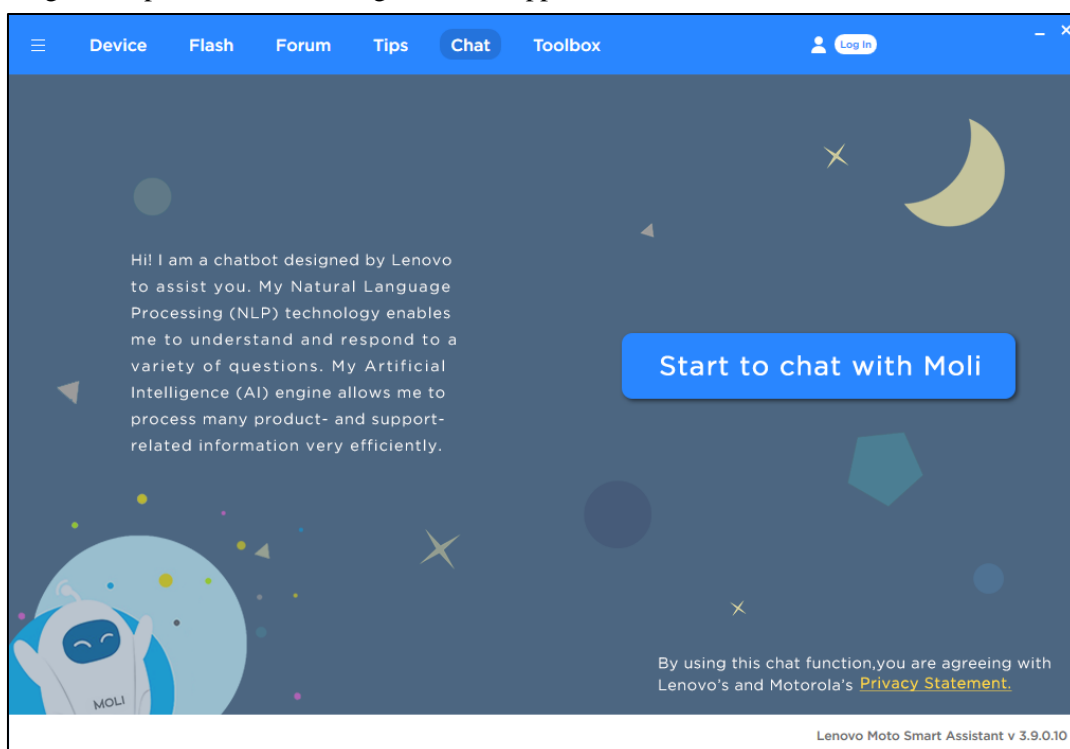


4.5 Chat

Click the “Chat” plug-in button:

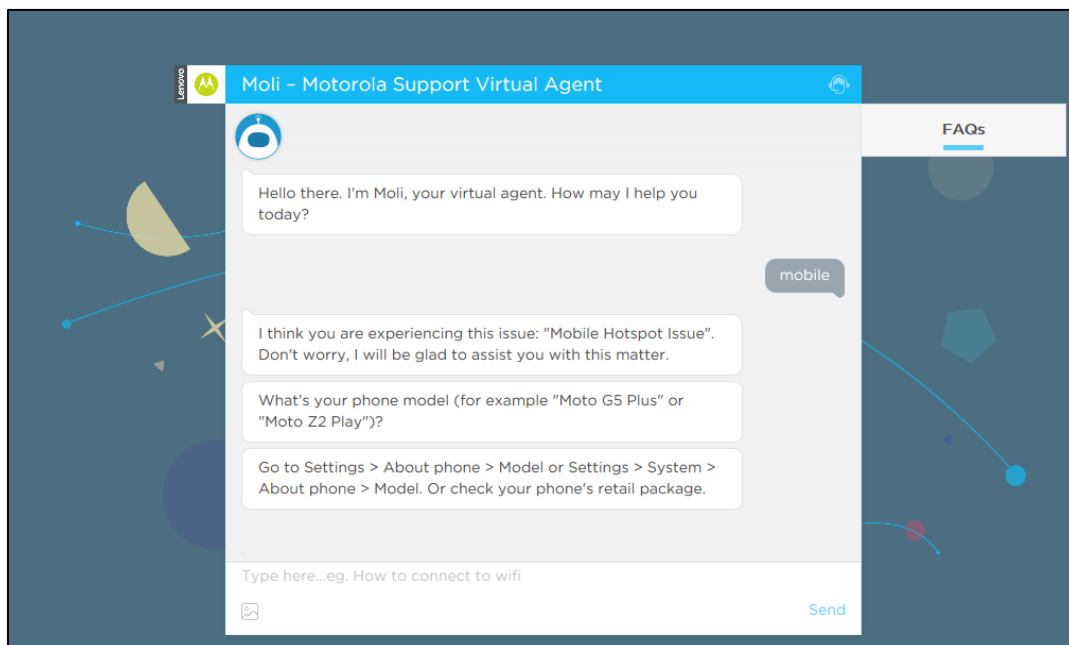


Once loading is completed, the following view will appear.



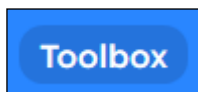


Click the “Start to chat with Moli”, it will display same view with “<https://moli.lenovo.com/callcenter/lmsa>” website. The page loading is completed, the following view will appear. User can get the help via communicating with Motorola Support.

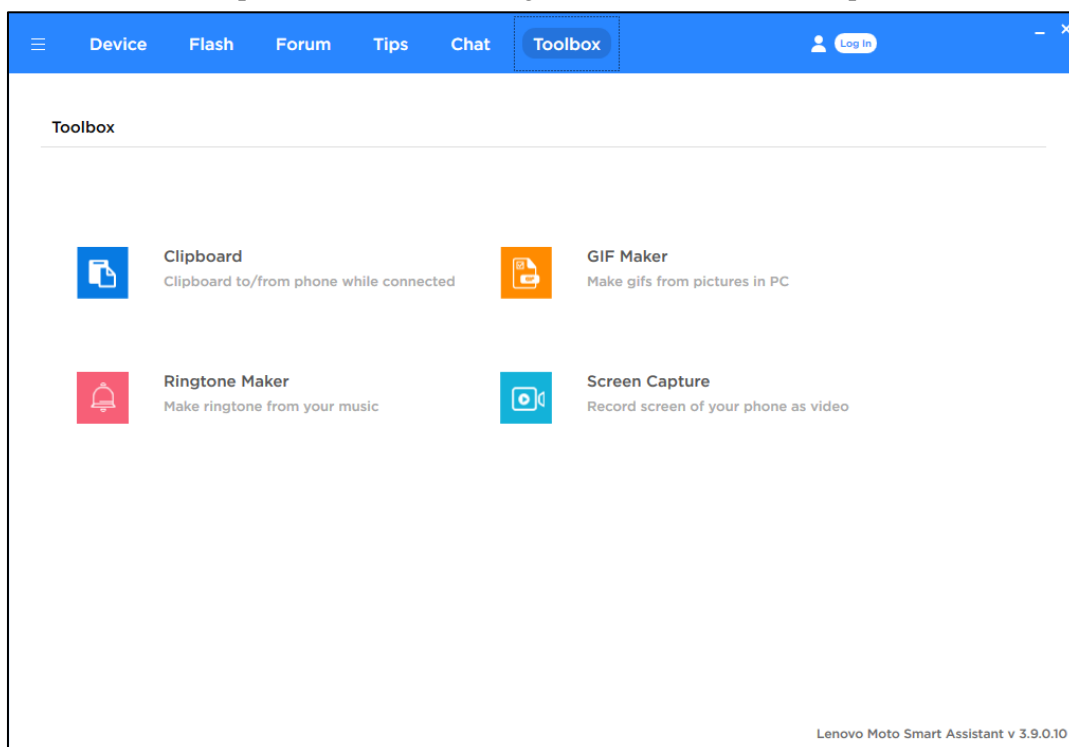


4.6 Toolbox

Click the “Toolbox” plug-in button:



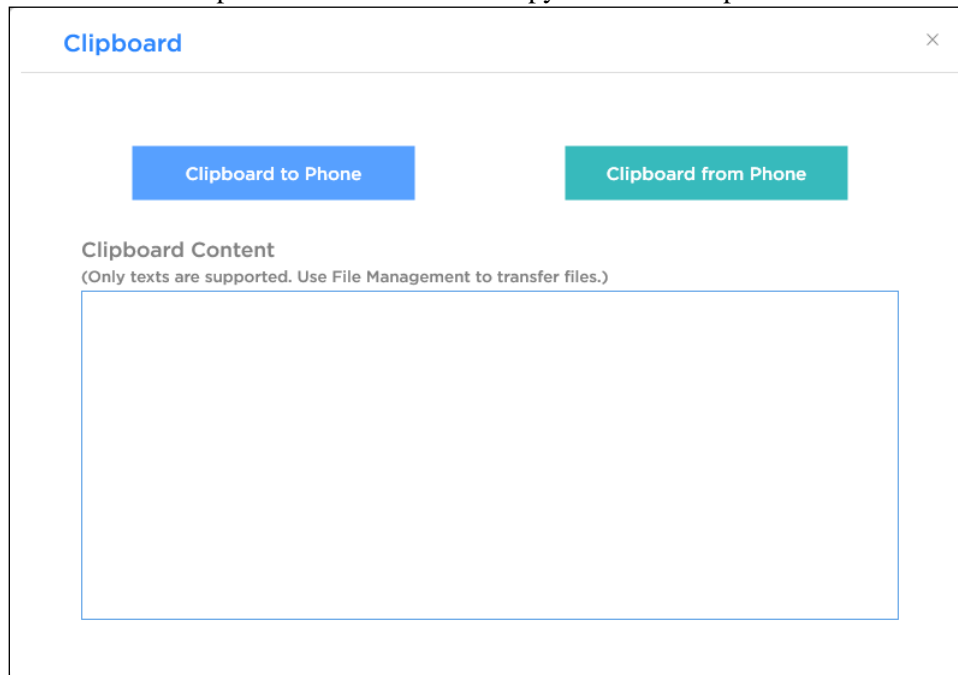
There are four functions: Clipboard, GIF Maker, Ringtone Maker and Screen Capture.





4.6.1 Clipboard

Click “Clipboard” to enter “Clipboard” view. User can copy texts from/to phone to/from PC.

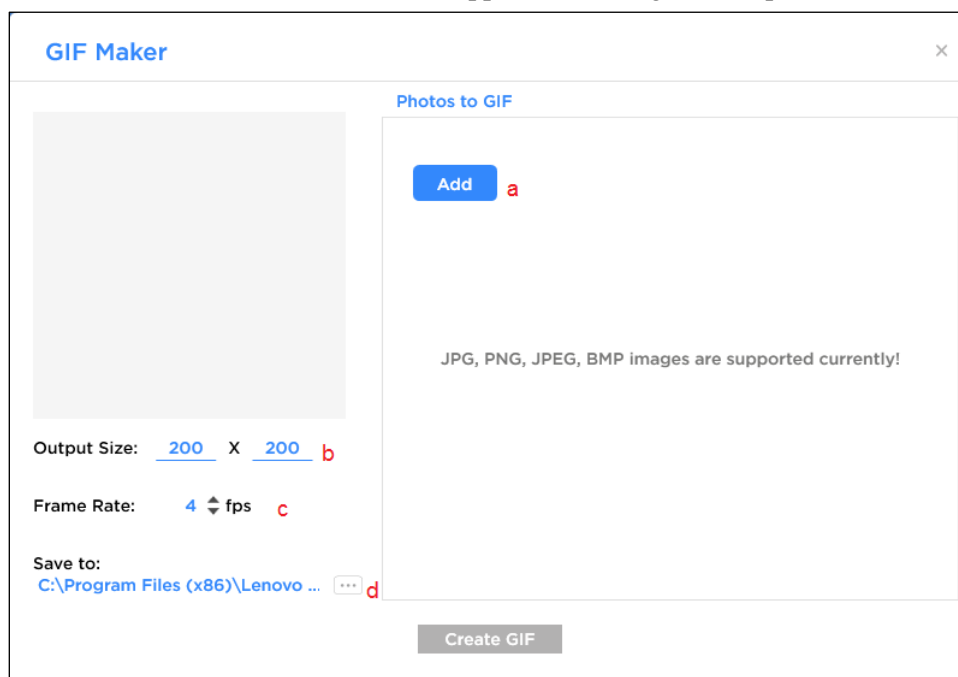


Clipboard to phone: Enter “Clipboard” view, user copy texts on PC, the texts will paste to clipboard on “Clipboard” view. And click “Clipboard to phone”. The texts will to phone’s clipboard.

Clipboard from phone: Copy texts on phone, and then click the “Clipboard from phone”, the phone’s texts will to “Clipboard” view.

4.6.2 GIF Maker

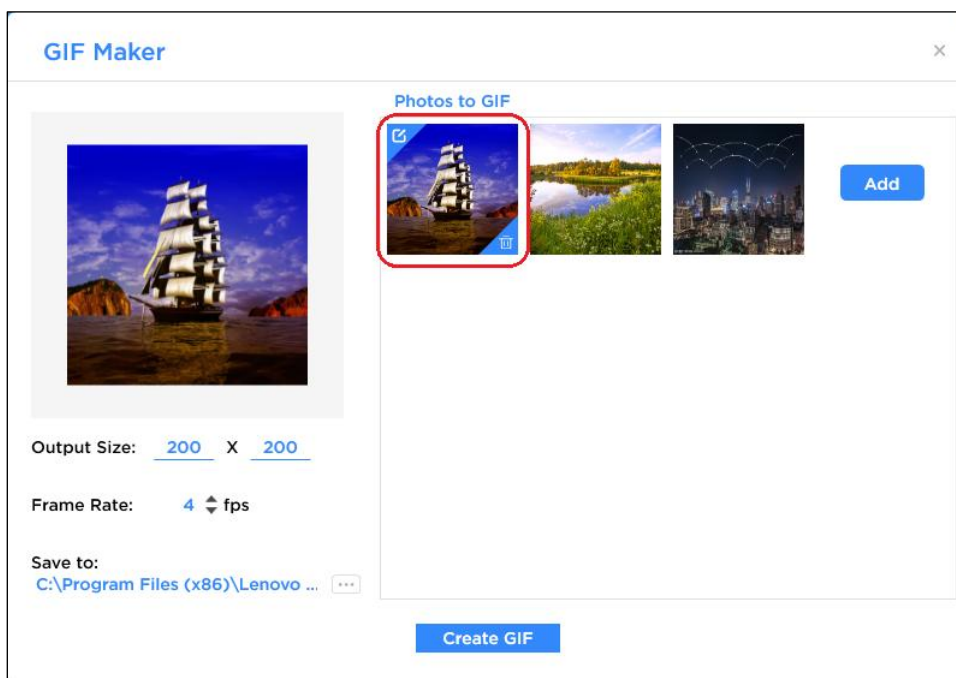
Click “GIF Maker” to enter “GIF Maker” view. It supports to make gifs from picture in PC.



- a. Click “Add” to add picture.
- b. Modify the “Output Size” to set the gif’s size.
- c. Modify “Frame Rate” to set the gif’s frame rate.
- d. Modify the “Save to” to set the gif’s save path.

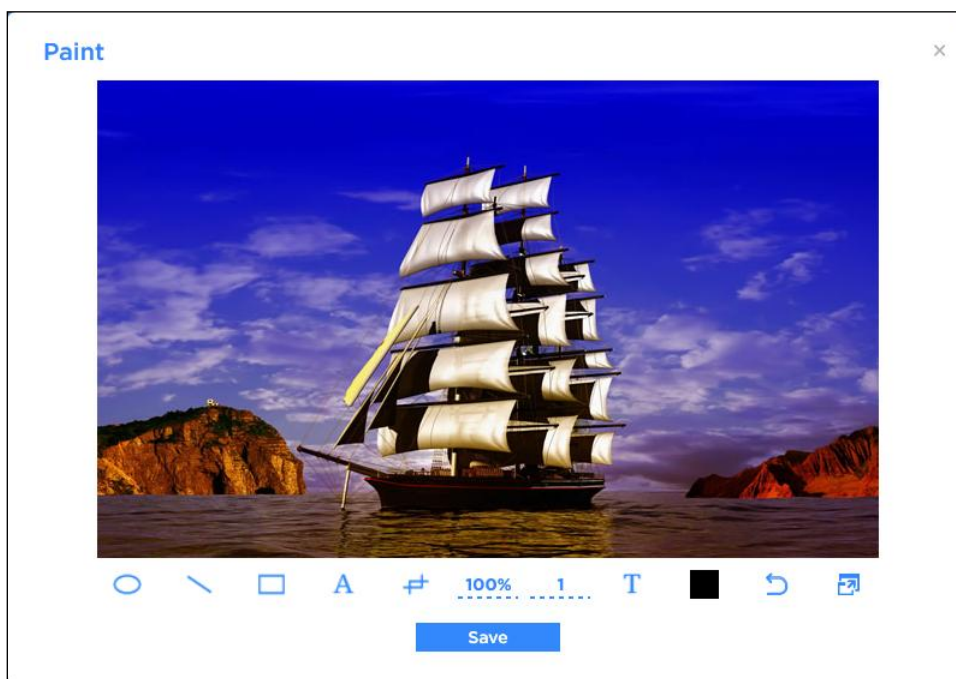


Move the mouse over the picture. It will appear the “Delete” and “Edit” icon.



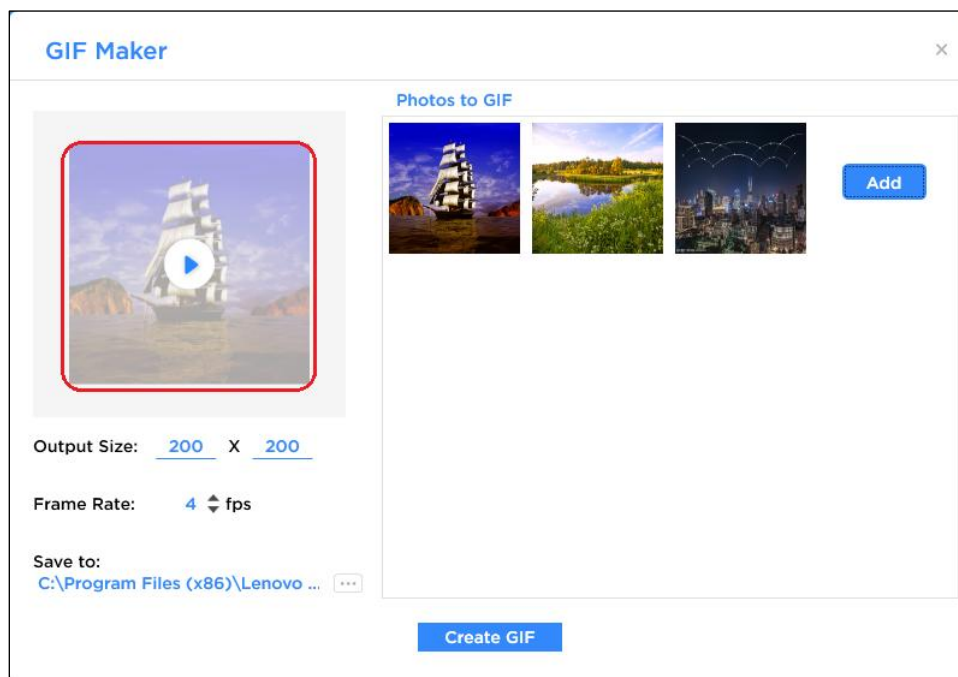
User can click the “Delete” icon to delete the picture.

User can click the “Edit” icon to enter Edit view. User can edit the picture and save it.

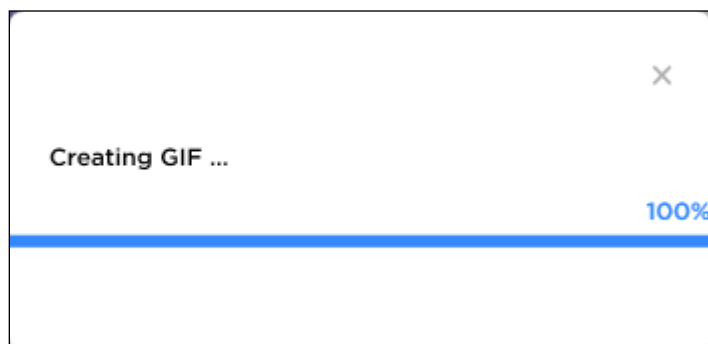




After add the pictures, move the mouse to the preview area, the play icon will appear. Click play button to preview the GIF.



Click “Create GIF” button after adding pictures, it will be creating gif. The created gif will save to “Save to” path.



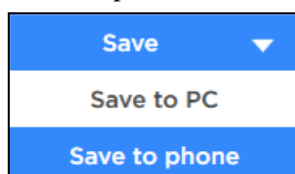


4.6.3 Ringtone Maker

Click “Ringtone Maker” to enter “Ringtone Maker” view. It supports to make ringtone from your music. If user needs to make ringtone, please follow the steps as below.



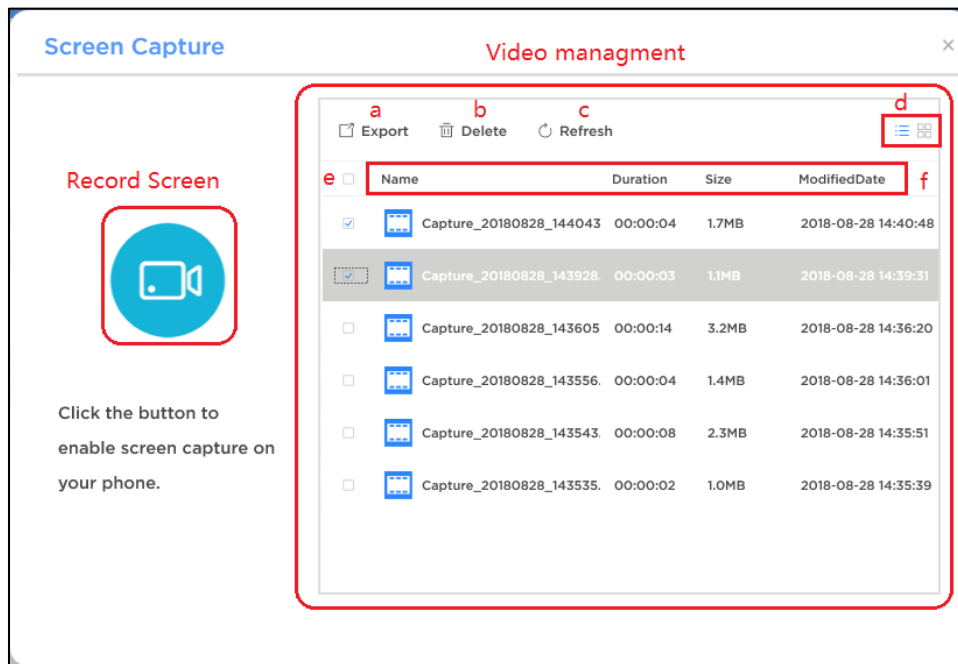
- 1) Click “Modify” button to select PC’s music.
- 2) Move the “start point” and “end point”, and then click “Play” icon to listen to the music.
- 3) Click the “Call ringtone” or “Notification ringtone” to set ringtone type.
- 4) Click “Fade in” and “Fade out” to set sound mode.
- 5) Finally, connected device, and then click “Set as Ringtone” to set the music as device ringtone (“Call ringtone” or “Notification ringtone”). Or click “Save”, and save the music to PC or save the music to phone.





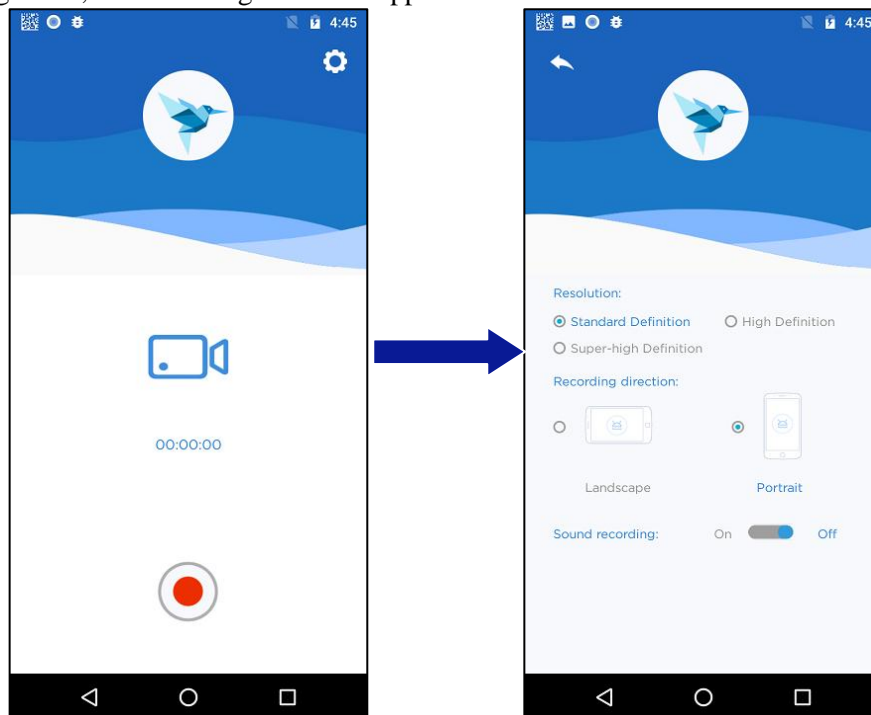
4.6.4 Screen Capture

Click “Screen Capture” to enter “Screen Capture” view. It supports to record screen of you phone as video. Connect device, the following view will appear. It supports two functions: Recording screen and Recording video management.



Record Screen:

Click “Recording” icon, the following view will appear on device.

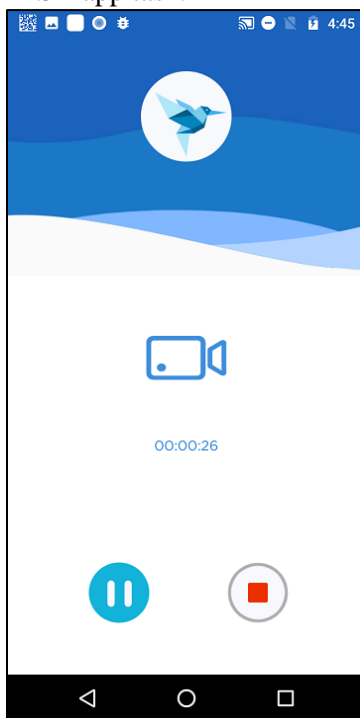
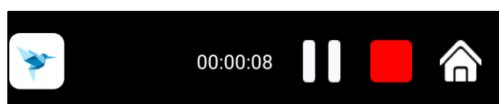


Click “Setting” icon at right top of view, it will enter setting view. User can set Resolution, recording direction and sound recording.





Click “Recording” button, it begins to record screen. User can pause or stop recording screen by those two ways as follow:

- Slip down the notification bar.
- Click device’s task key, and click LMSA app task.



Video Management:

- Export: User can select recording video, and then click “Export” and select export path. The selected video will be exported to export path.
- Delete: User can select recording video, then click “Delete” to delete selected video.
- Refresh: After recording video or delete recording video on device, user can click “Refresh” and loading latest video.
- View: It supports two view modes: Grid and List. User can click  icon to switch to list mode, click  icon to switch to grid mode.
- Select All: User can select all recording videos.
- Sort: Video supports sort function on list mode. User can sort them by “Name”, “Duration”, “Size” or “Modified Date”.



5 Survey

The survey function is supported. User can take some time to answer the following questions so that we can make it better. We are glad to receive your feedback.

Example survey:

Thanks for using our application.

Please take some time to answer the following questions so that we can make it better.

* 1. How would you rate Lenovo Moto Smart Assistant application?

☆ ☆ ☆ ☆ ☆

* 2. Which functions do you frequently use?

<input type="checkbox"/> a. Device Management.	<input type="checkbox"/> b. Flash support.
<input type="checkbox"/> c. Support forum.	<input type="checkbox"/> d. Tips.
<input type="checkbox"/> e. Moli Chat.	<input type="checkbox"/> f. Clipboard content transfer tool.
<input type="checkbox"/> g. GIF Maker tool.	<input type="checkbox"/> h. Ringtone Maker tool.
<input type="checkbox"/> i. Screen Capture tool.	

* 3. Is this application helpful to you?

☐ Yes ☐ No

* 4. What are your favorite functions?

<input type="checkbox"/> a. Device Management.	<input type="checkbox"/> b. Flash support.
<input type="checkbox"/> c. Support forum.	<input type="checkbox"/> d. Tips.
<input type="checkbox"/> e. Moli Chat.	<input type="checkbox"/> f. Clipboard content transfer tool.