

liteCam Android GUIDE

liteCam Android

For liteCam Android

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System Requirements

CPU:

- Minimum: 1.5GHz single-core CPU.
- Recommended: 2GHz dual-core CPU or better.

RAM:

- 1GB RAM or more is recommended.

Graphics card:

- 128MB video memory or more is recommended.
- A graphic card supporting DirectX 9 and WDDM driver is recommended.
- In case of recording games, video memory of 512MB or more is recommended.

Sound card

- A sound card that supports full-duplexing required.

OS

- Windows Vista, 7 and 8.
- Windows 2000 and XP in not supported
- Microsoft Internet Explorer 8.0 / Microsoft Windows Media Player 11 or later is recommended.

You may not be able record computer sounds if you are using a sound card that does not support full-duplexing. Sometimes, upgrading the driver is recommended in order to record computer sounds. However, if your current sound card does not support full-duplexing, upgrading the driver will not help because it may be hardware related.

Depending on which movie you intend to record you may need to upgrade your graphic card, sound card, CPU or RAM.

Depending on the game you intend to record, you need to install the latest version of DirectX to meet the system requirements.

liteCam Android Installation Guide

liteCam Android installation.

Download and RUN

First, Go to liteCam website, www.litecam.net/en/ and download liteCam Android.

Or just download it from the link below

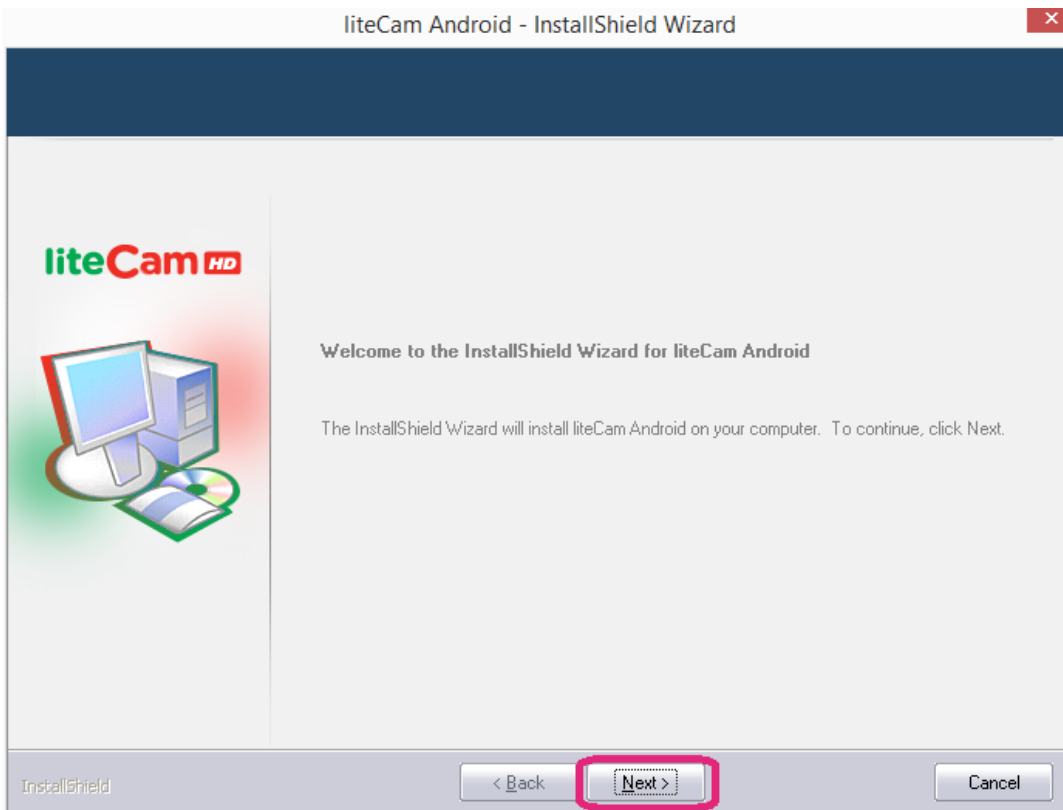
http://www.innoheim.com/download-hd5.php?link=lcam-ad-en-500_setup.exe

Then, execute the downloaded installation file.

Setup window

When you execute the installation file liteCam Android setup window will appear as shown below.

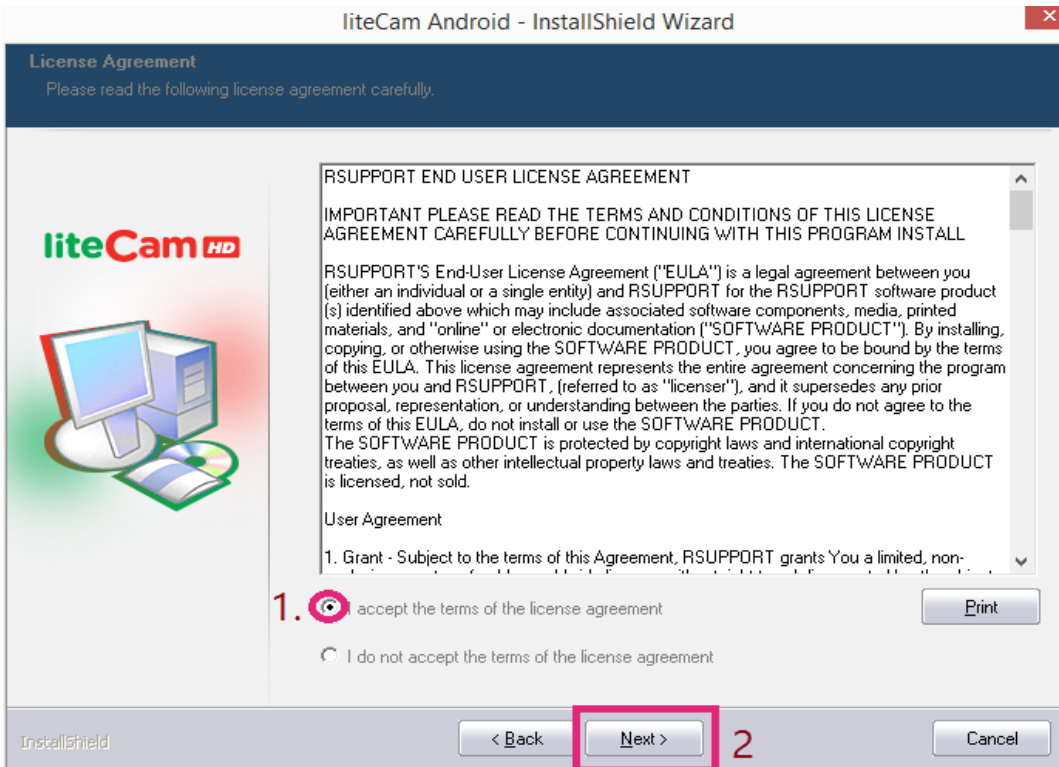
Click "Next" to continue.



License Agreement

Agree liteCam Android Terms and condition to continue with the installation.

To accept the liteCam terms, click "I accept the terms of the license agreement" and click "Next" to continue.



License information

Enter license code and personal information.

There are two types of liteCam Android

- Free version: If you have a free version of liteCam Android, Type "Free" on the space for license code, as shown below. Then click "Next" to Continue.

liteCam Android - InstallShield Wizard

Customer Information
Please enter your information.

Please enter user name, e-mail address and license code. The user name and e-mail address are used for program authorization. Incorrect information will cause authorization to be denied and you cannot access the program.

liteCam HD

1. User Name:
Windows User

2. e-mail:
litecam@support.com

3. License Code:
FREE

Paid version: enter your license code.
Free version for private use only: type FREE.

InstallShield < Back Next > Cancel

You will be prompted with "Do you want to install the liteCam FREE version" as shown below
Click "Yes" to continue

liteCam Android - InstallShield Wizard

Customer Information
Please enter your information.

Please enter user name, e-mail address and license code. The user name and e-mail address are used for program authorization. Incorrect information will cause authorization to be denied and you cannot access the program.

liteCam HD

User Name:
Windows User

e-mail:
litecam@support.com

License Code:
FREE

Do you want to install the liteCam FREE version?

1. Yes No

InstallShield < Back Next > Cancel

*However if you have license code or you purchase full version of liteCam Android
Click "No" to return back to the previous window*

- Full version: If you purchase liteCam Android, you will be provided with license code. Type your license code on the space for license. Then click "Next" to continue

liteCam Android - InstallShield Wizard

Customer Information
Please enter your information.

Please enter user name, e-mail address and license code. The user name and e-mail address are used for program authorization. Incorrect information will cause authorization to be denied and you cannot access the program.

liteCam HD

1. User Name:
Windows User

2. e-mail:
litecam@support.com

3. License Code:
BDCE-IKGH-IQKL-MNOQ

Paid version: enter your license code.
Free version for private use only: type FREE.

InstallShield < Back Next > Cancel

Choose installation location

You can choose the location where you want to install liteCam Android. Or you can let liteCam Android to install on default location.

Choose "Complete" to install liteCam Android on default location, then click next

liteCam Android - InstallShield Wizard

Setup Type
Select the setup type to install.

Please select a setup type.

liteCam HD

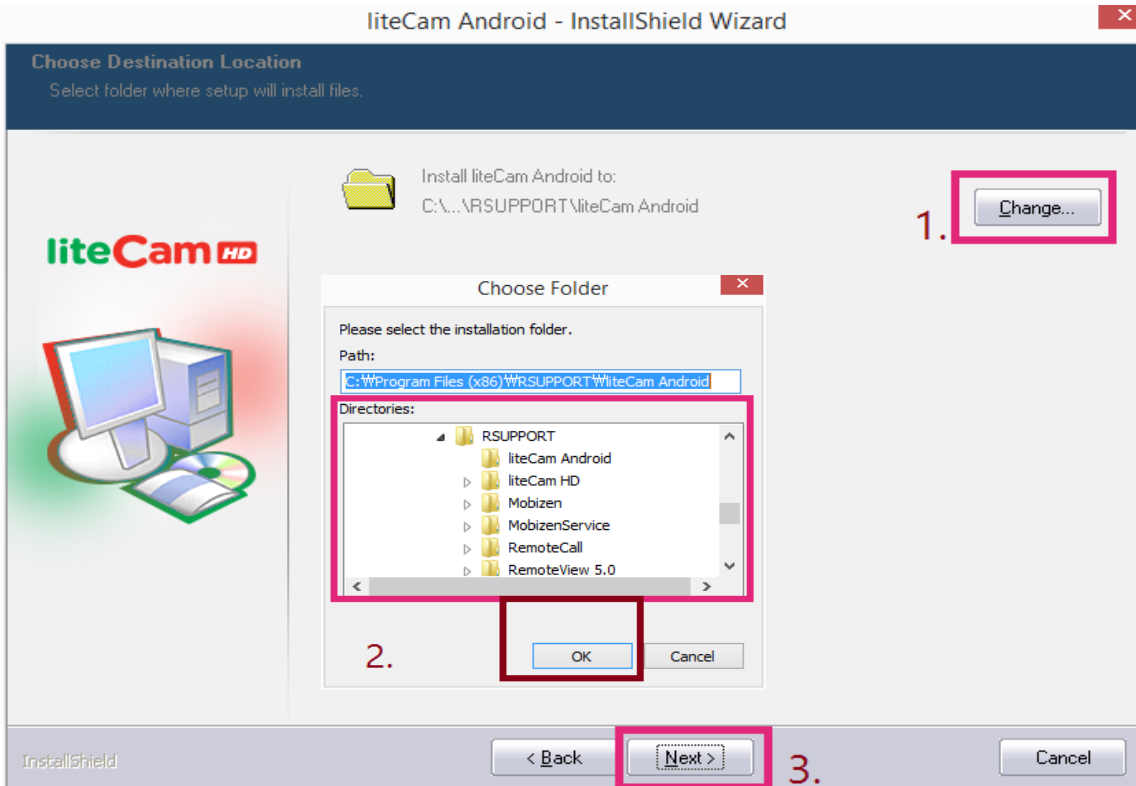
1. Complete
All program features will be installed. (Requires the most disk space.)

2. Custom
Select which program features you want installed. Recommended for advanced users.

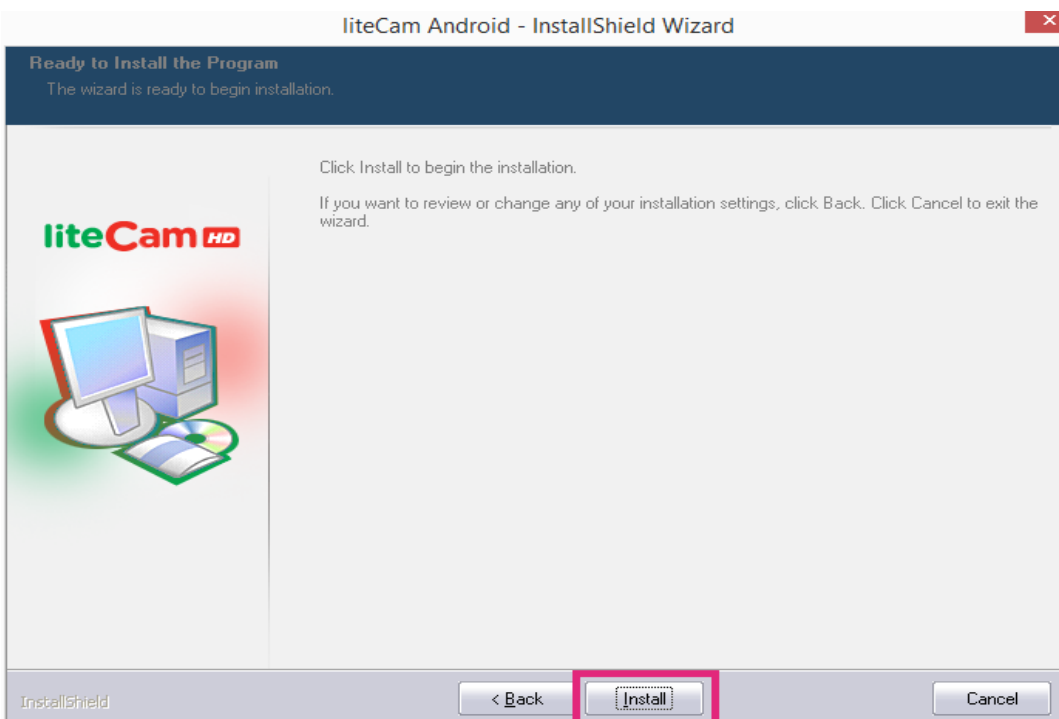
InstallShield < Back Next > Cancel

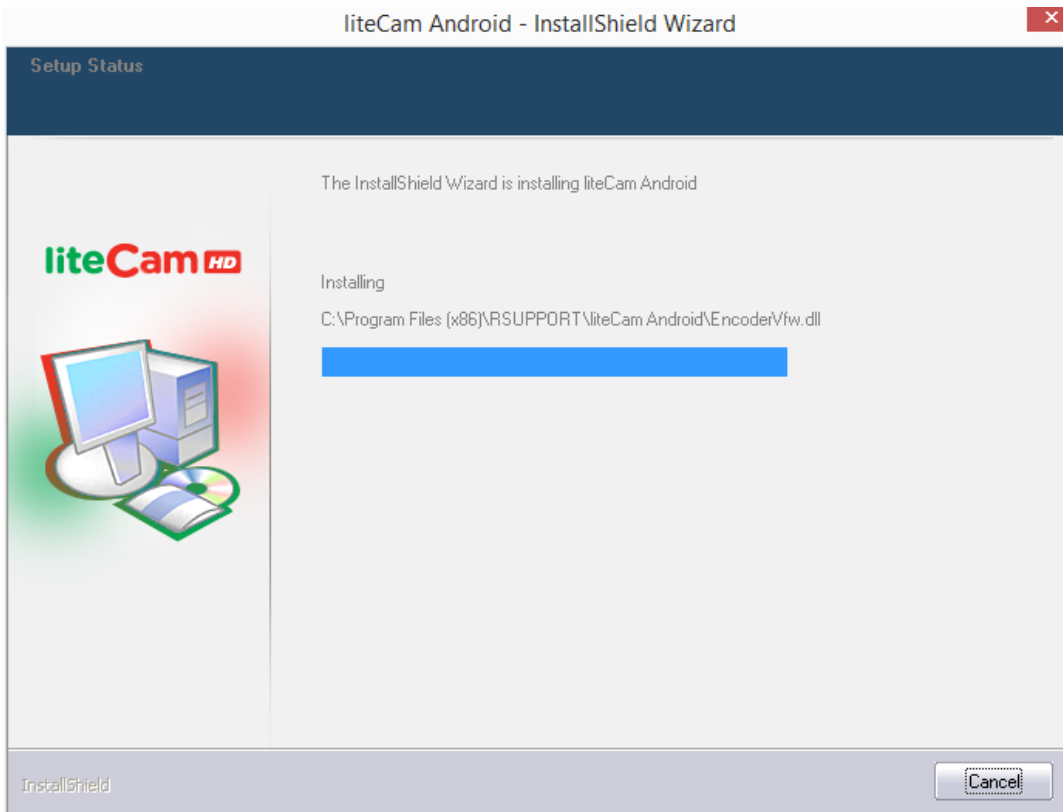
However, if you choose, "Custom" you can select the installation location manually.

1. Click "Change" to select the installation folder
2. Select the installation folder
3. Click "Next" to continue



Click "Next" to begin installation.



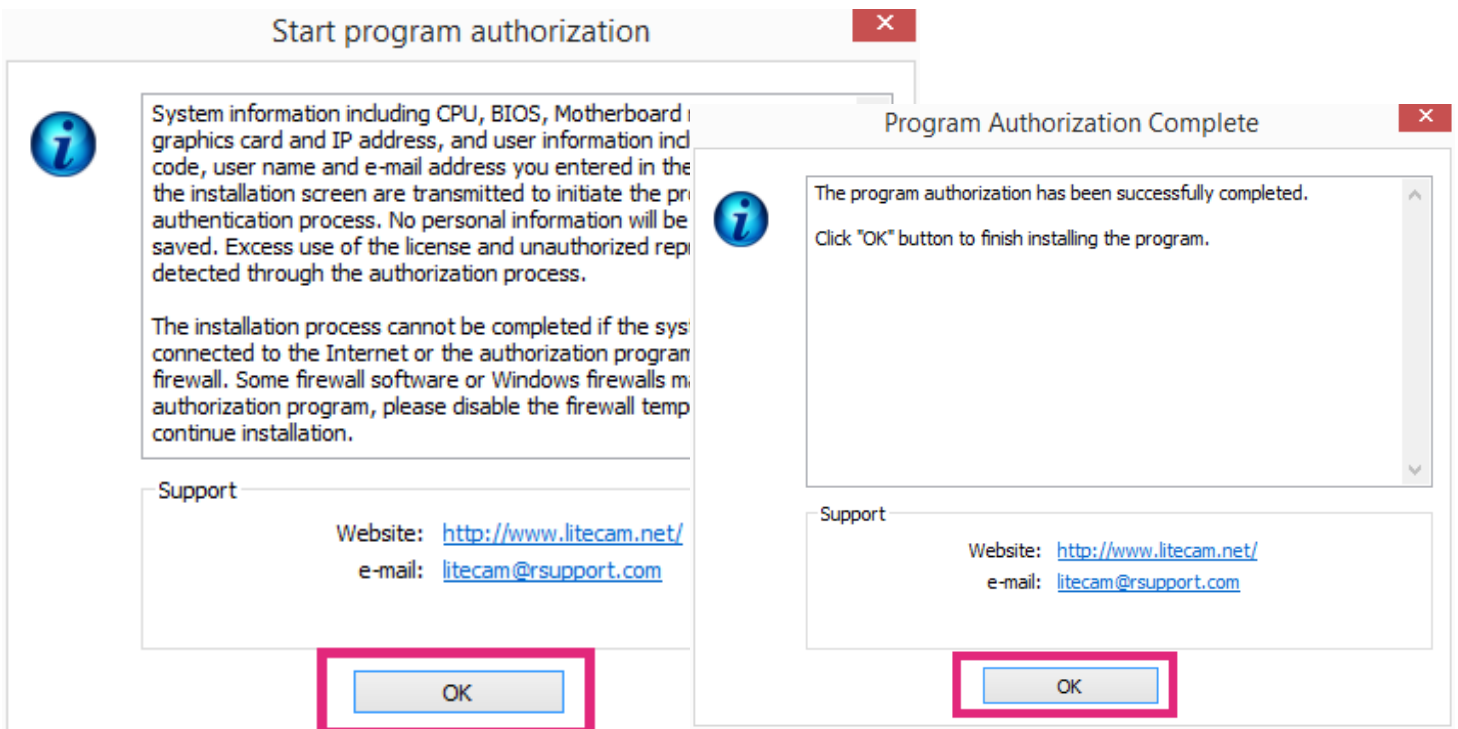


Authentication

liteCam Android needs to be authenticated with our authentication server

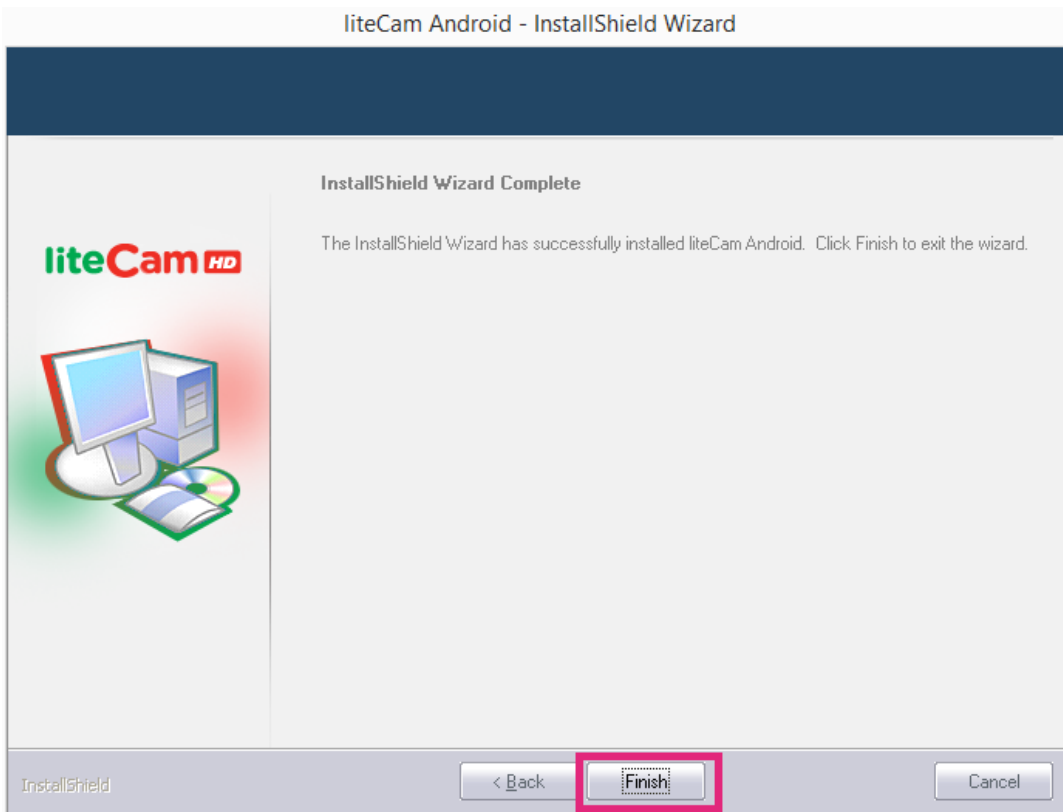
Therefore, you must have an internet connection when installing liteCam Android

NOTE: If you get an error during authentication process, you must check your internet connectivity



Installation complete

If you see the "InstallShield Wizard Complete" window, click "Finish" to start using liteCam Android



NOTE: During installation, RSUPPORT Screen Capture Codec (RSCC) and RSUPPORT MPEG-4 Codec" will be installed automatically.

LAME Installation.

- Lame is a High Quality MPEG Audio layer III (3) encoder.
- To have MP3 option or to save or convert audio to MP3 format, Lame encoder MUST be installed in your computer.
- During installation you will see a dialog box which will prompt you to install MP3 encoder (Lame).
- Click "OK" to be directed to the website where you can download Lame file.

Download the zip file and extract it.

Copy and paste the "lame_enc.dll file" to the folder below (in case you didn't change liteCam Android directory) C:\Program Files\Steam\SteamApps\common\liteCam Android Folder.

Activate USB Debugging Mode.

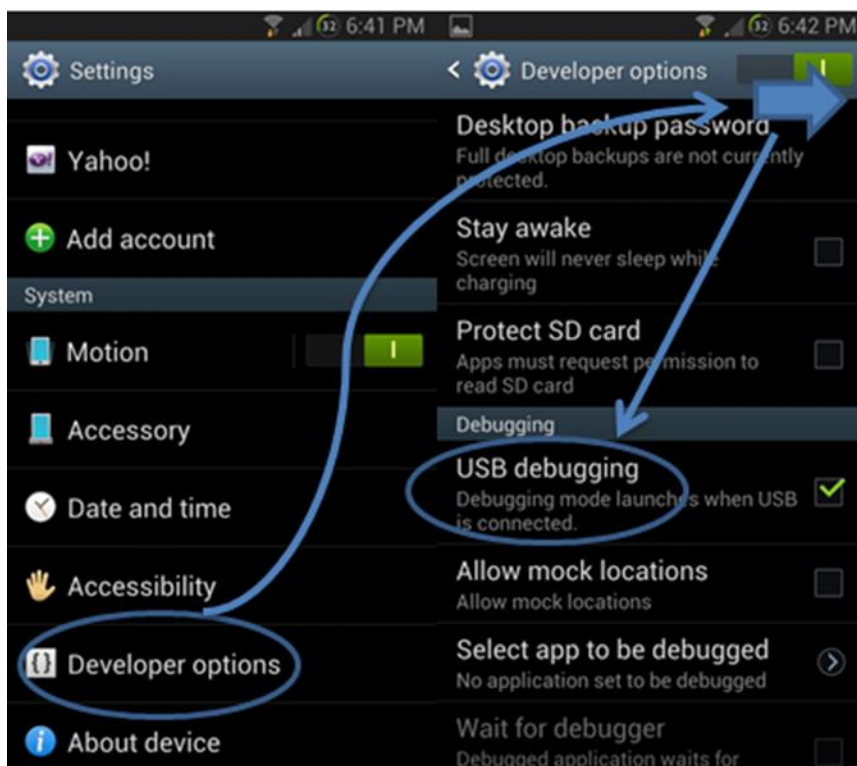
To enable USB debugging mode is quite easy.

Enabling USB debugging is different depending on your Android Device and OS version

Note: liteCam Android only support Android version 4.2 and above

1. Android 4.1

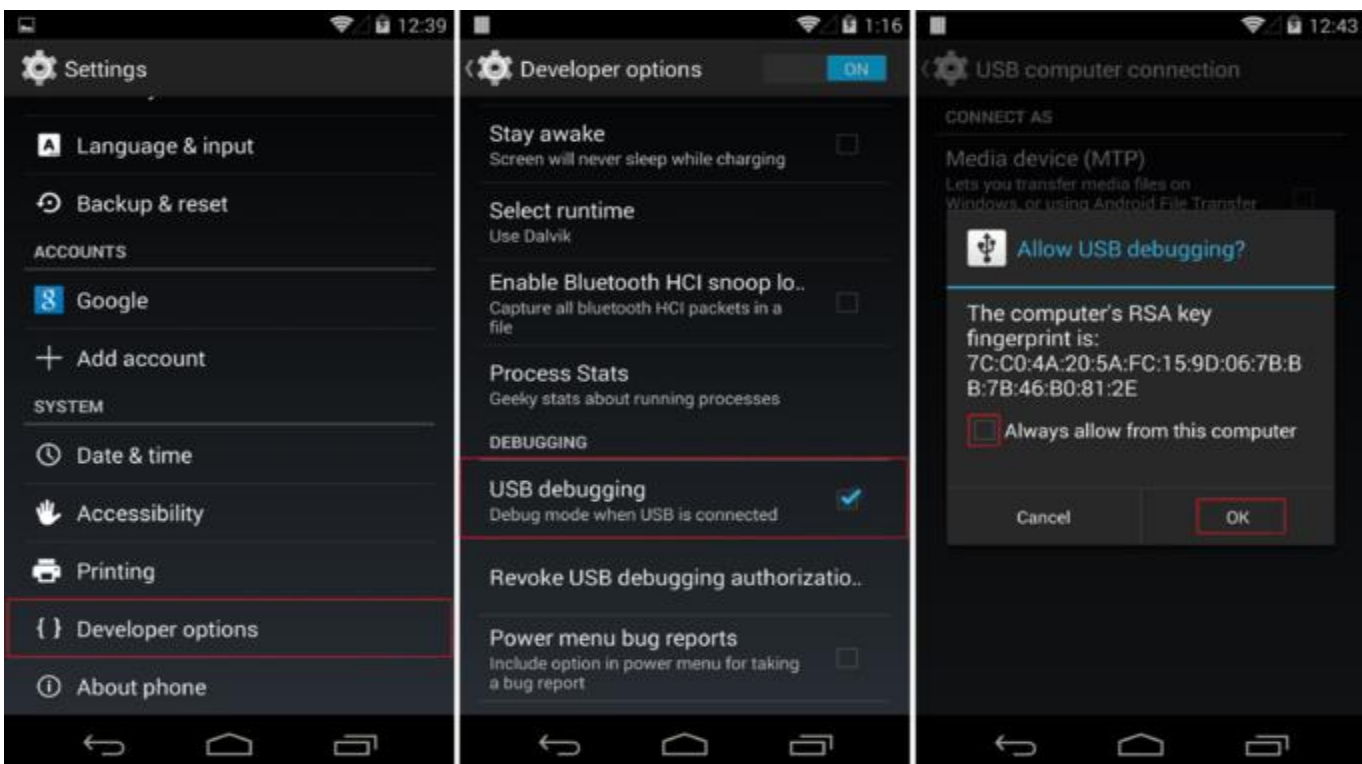
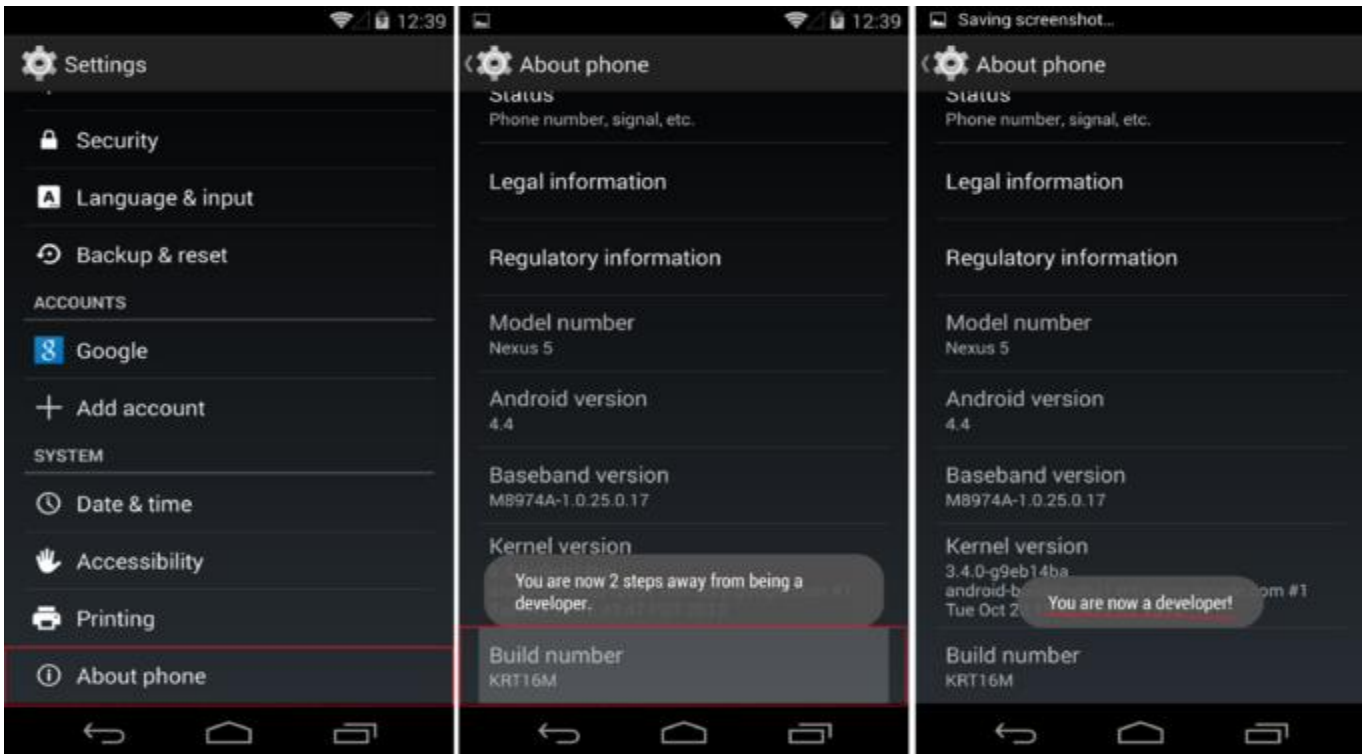
- Go to your Settings App
- Go to Developer Options
- Slide the Developer Options Switch to turn on Developer Options
- Place a Check Mark on the box beside USB Debugging / Android Debugging



2. Android 4.2 and Above

- Navigate to Settings
- Tab About Phone""
- Scroll to the bottom and tap "Build number" seven 5~7 times (Depending on your device). You'll get a short pop-up in the lower area of your display saying that you're now a developer
- Go back and now access the "Developer options" menu,

* check 'USB debugging' and click OK on the prompt.



Download and Install USB Drivers.

1. If your Android Device USB driver is install in your PC then plug in your Android device to PC through USB cable. However, if you don't have USB Driver installed on your PC, you will need to install it.

2. Drivers for all others devices are provided by the representative manufactures.
 - Acer: <http://www.acer.com/worldwide/support/mobile.html>
 - ALCATEL ONE TOUCH: <http://www.alcatelonetouch.com/global-en/support/faq/usbdriver.html>
 - Asus: <http://support.asus.com/download/>
 - Dell: <http://support.dell.com/support/downloads/index.aspx?c=us&cs=19&l=en&s=dhs&~ck=anavml>
 - Foxconn: <http://drivers.cmcs.com.tw/>
 - Fujitsu: <http://www.fmworld.net/product/phone/sp/android/develop/>
 - Garmin Asus: https://www.garminasus.com/en_US/support/pcsync/
 - Google: <http://developer.android.com/sdk/win-usb.html#download>
 - Hisense: <http://app.hismarttv.com/dss/resourcecontent.do?method=viewResourceDetail&resourceId=16&type=5>
 - HTC: <http://www.htc.com>
 - Huawei: <http://www.huaweidevice.com/worldwide/downloadCenter.do?method=index>
 - Intel: <http://www.intel.com/software/android>
 - KT Tech: <http://www.kttech.co.kr/cscenter/download05.asp>
 - Kyocera: http://www.kyocera-wireless.com/support/phone_drivers.htm
 - Lenovo: <http://developer.lenovomm.com/developer/download.jsp>
 - LG: <http://www.lg.com/us/mobile-phones/mobile-support/mobile-lg-mobile-phone-support.jsp>
 - Motorola: http://developer.motorola.com/docstools/USB_Drivers/
 - MTK: http://online.mediatek.com/Public%20Documents/MTK_Android_USB_Driver.zip
 - Oppo: http://www.oppo.com/index.php?q=software/view&sw_id=631
 - Pantech: <http://www.isky.co.kr/cs/software/software.sky?fromUrl=index>
 - Pegatron: http://www.pegatroncorp.com/download/New_Duke_PC_Driver_0705.
 - Samsung: <http://www.samsung.com/us/support/downloads>
 - Sharp: <http://k-tai.sharp.co.jp/support/>
 - SK Telesys: <http://www.sk-w.com/service/wDownload/wDownload.jsp>
 - Sony Mobile: <http://developer.sonymobile.com/downloads/drivers/>
 - Teleepoch: <http://www.teleepoch.com/android.html>
 - Toshiba: <http://support.toshiba.com/sscontent?docId=4001814>
 - Yulong Coolpad: <http://www.yulong.com/product/product/product/downloadList.html#downListUL>
 - Xiaomi: <http://www.xiaomi.com/c/driver/index.html>
 - ZTE: <http://support.zte.com.cn/support/news/NewsDetail.aspx?newsId=1000442>

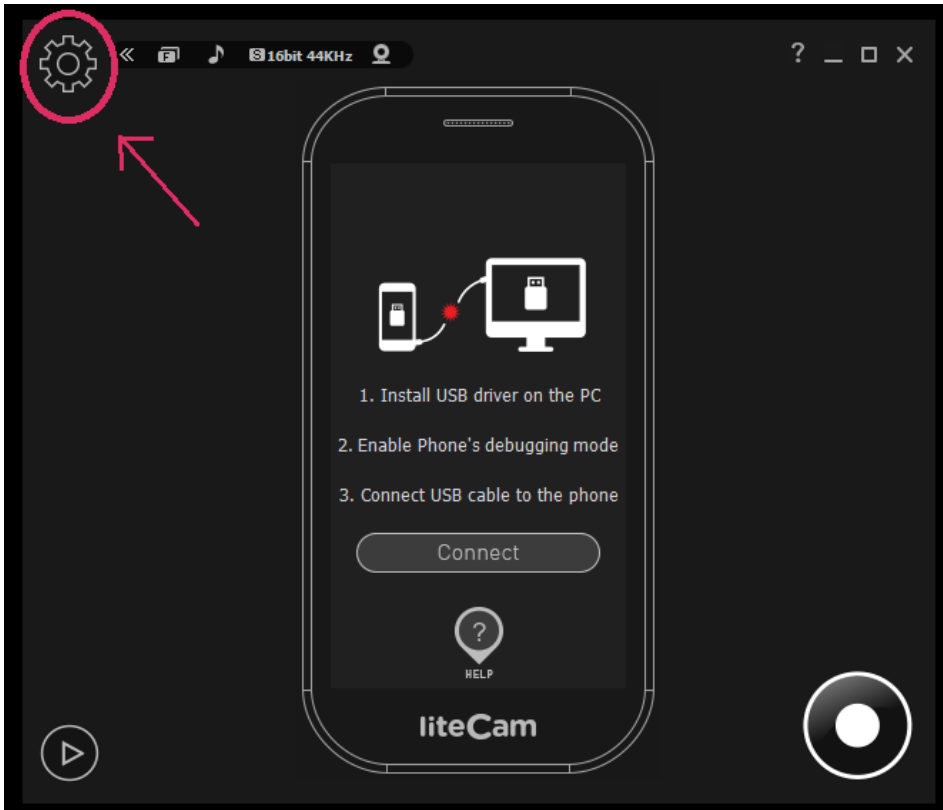
Settings Before Recording

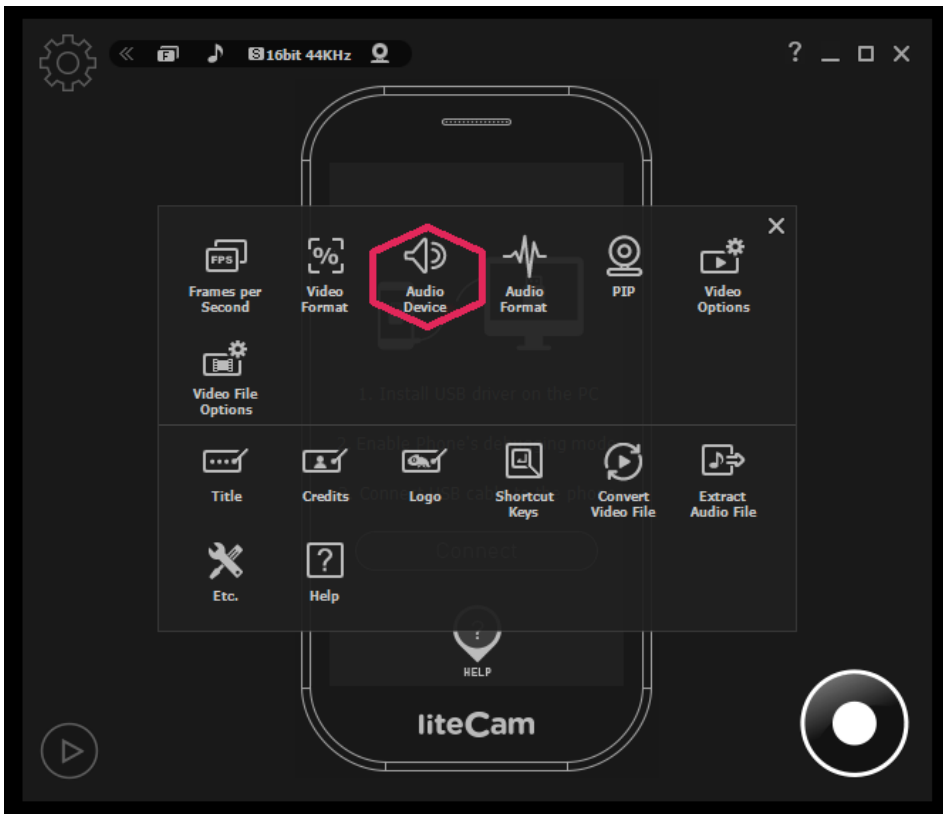
Before recording your Android screen, some option need to be set, those option includes the following;

1. Audio Device:

When recording your Android screen, choose what audio device to record audio/sound from. Record audio/sound from computer sound or microphone or both computer sound and microphone simultaneously.

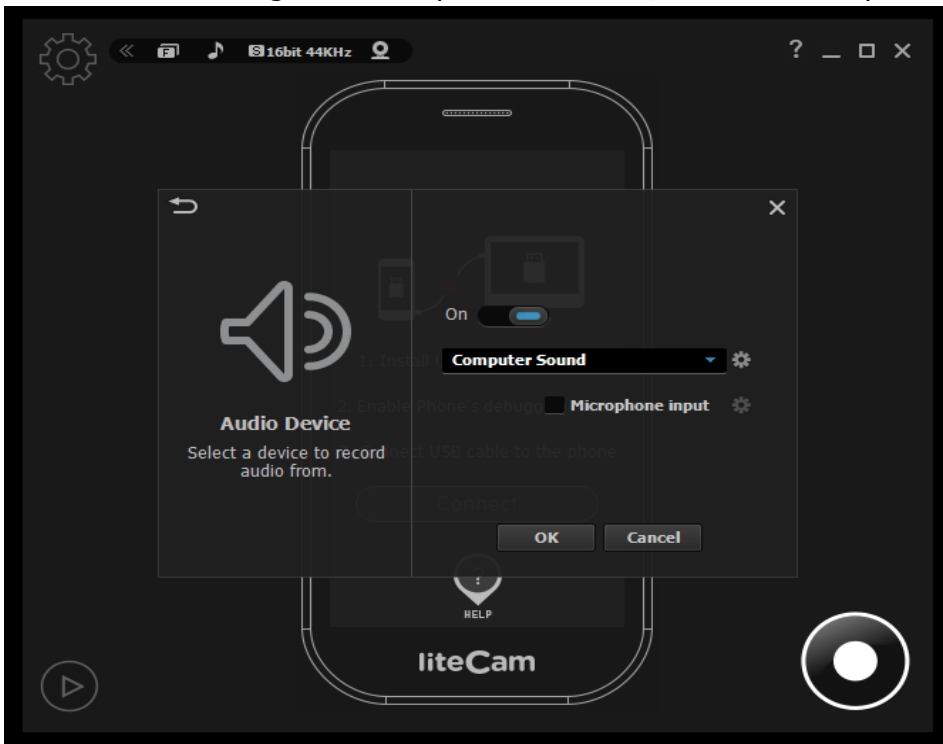
Start liteCam> Options> Audio Devices





Finally, select a Device you want to record sound/audio from.

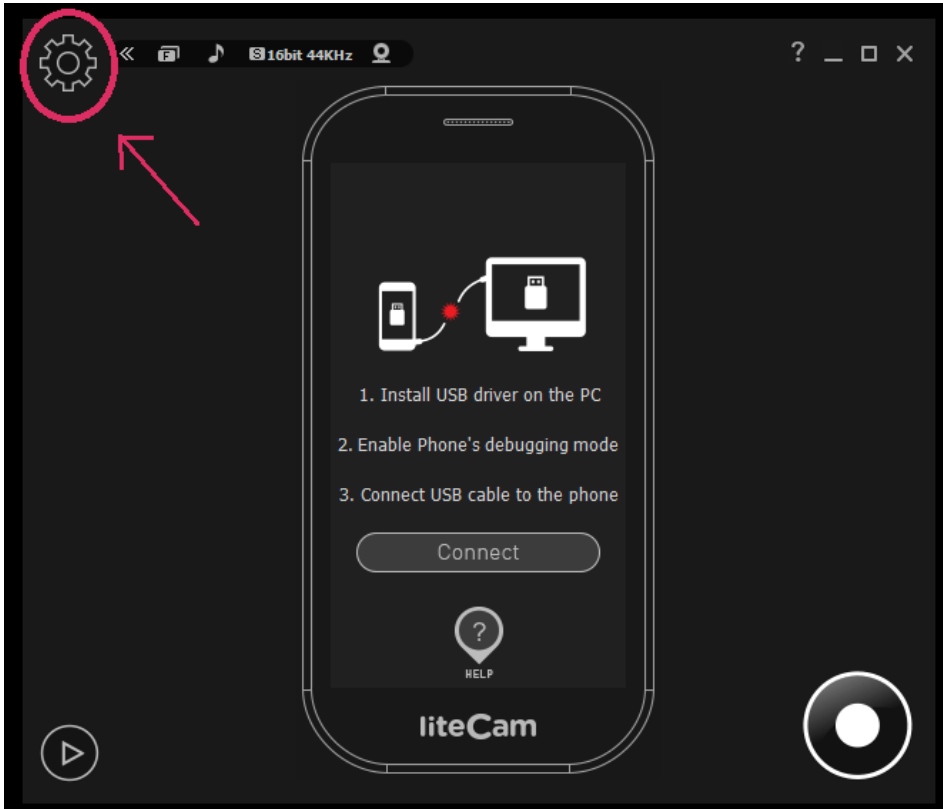
1. Toggle ON
2. Choose either Computer sound or Microphone
3. For Dual Recording select Computer sound in 2, then Tick Microphone input.

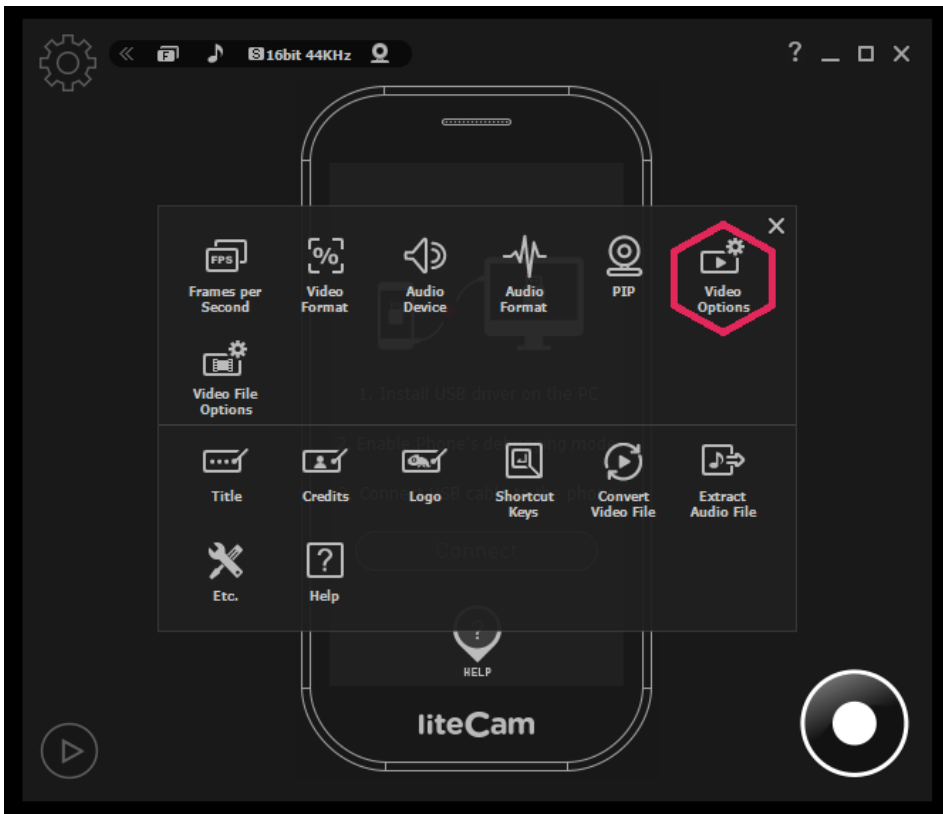


2. Video Options

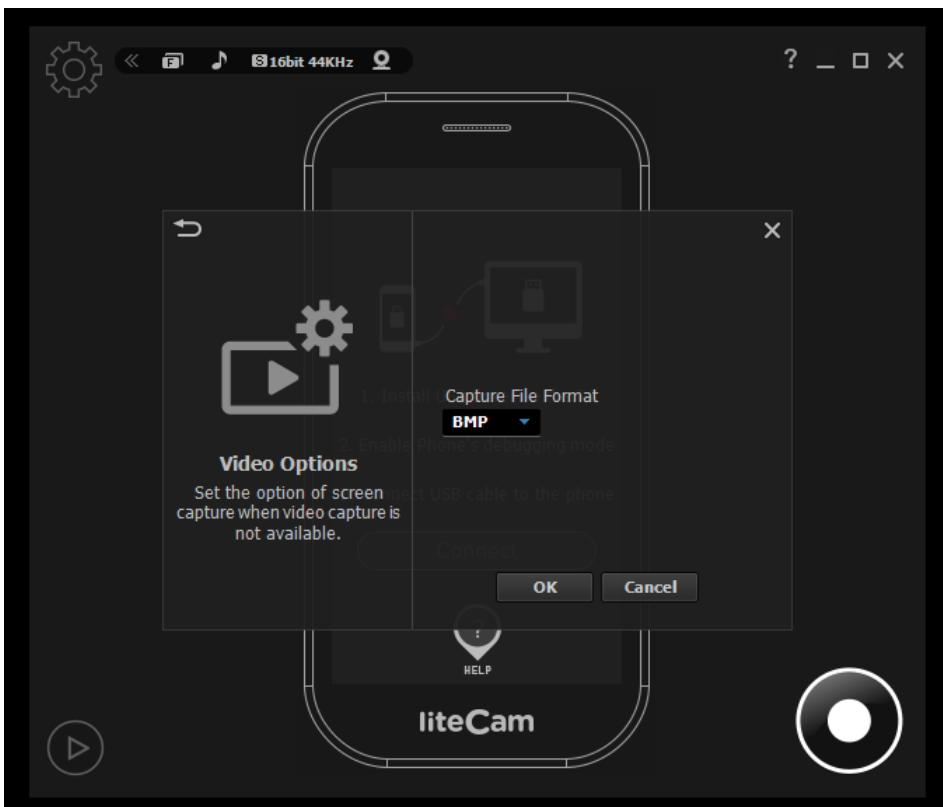
Choose video options to use when recording, The option to select which format to save the screen shots

Start liteCam> Option> Video Format





Select the file format to save the screenshot



3. Video File Options

Choose the file format you want to save your recorded files

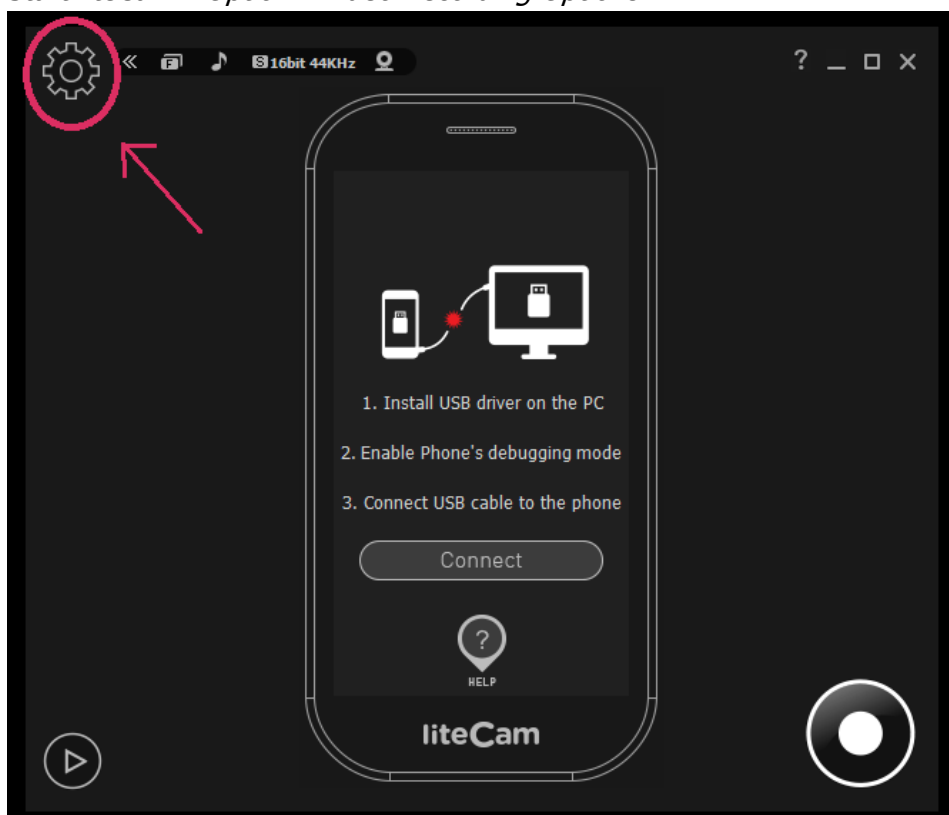
Select the Video Codec you want to use

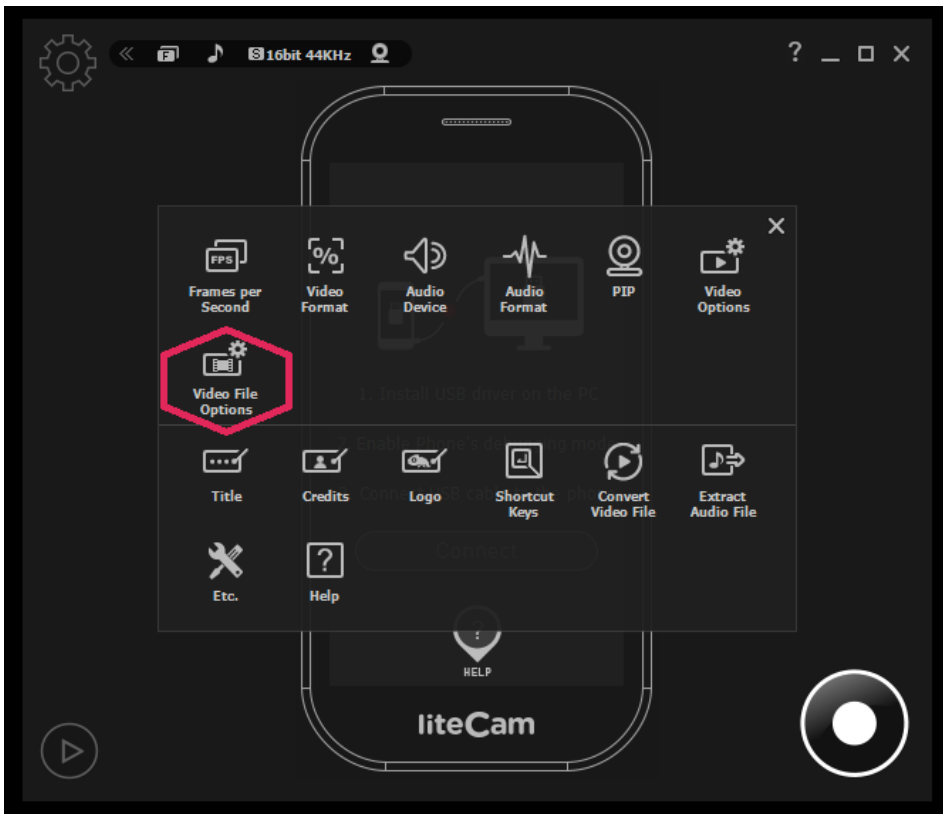
Select the Audio Codec

And if your computer file system is FAT 32 you will need to select "Continuous Recording" to create a new recording file when the current recording file size reaches 4GB.

Note: For computers with FAT 32 file systems maximum size of a single file is 4GB

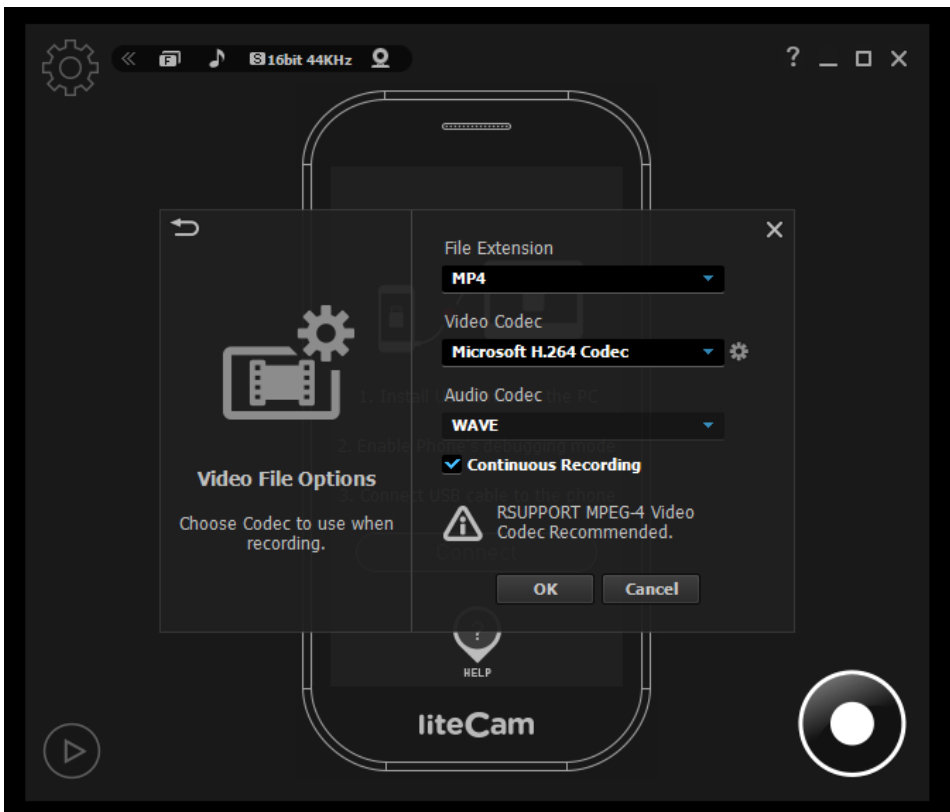
Start liteCam> Option> Video Recording Options.





Select File Extension, Video Codec, and Audio Codec.

1. File Extension: AVI or MP4
2. Video Codec
3. Audio Codec
4. Continuous Recording (Only for FAT 32 File System)

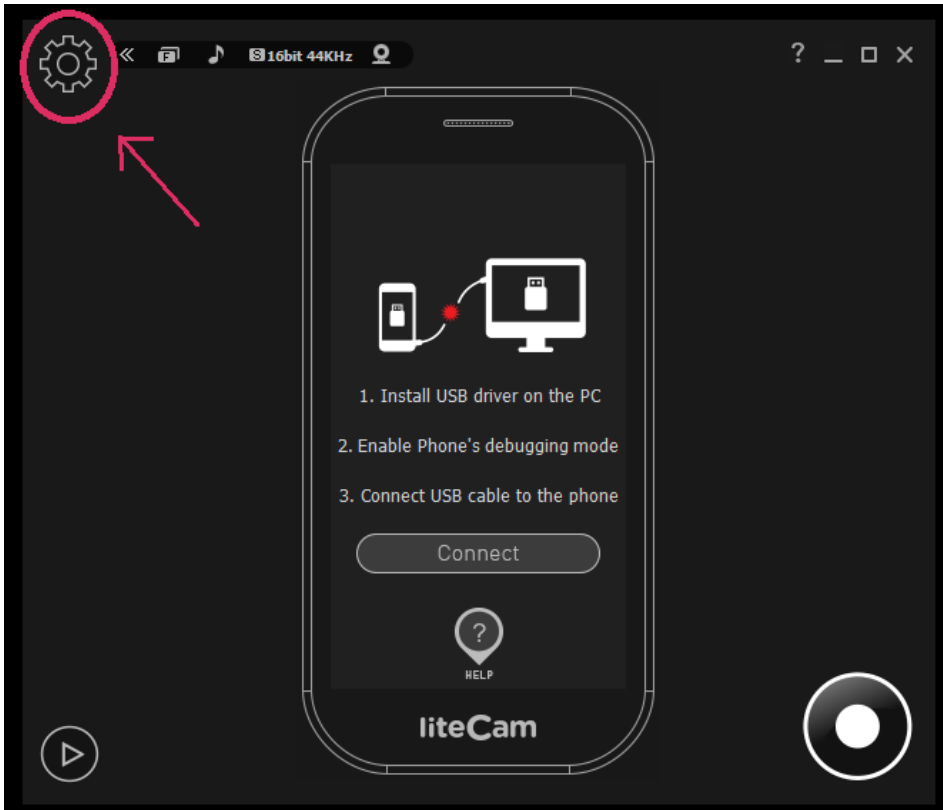


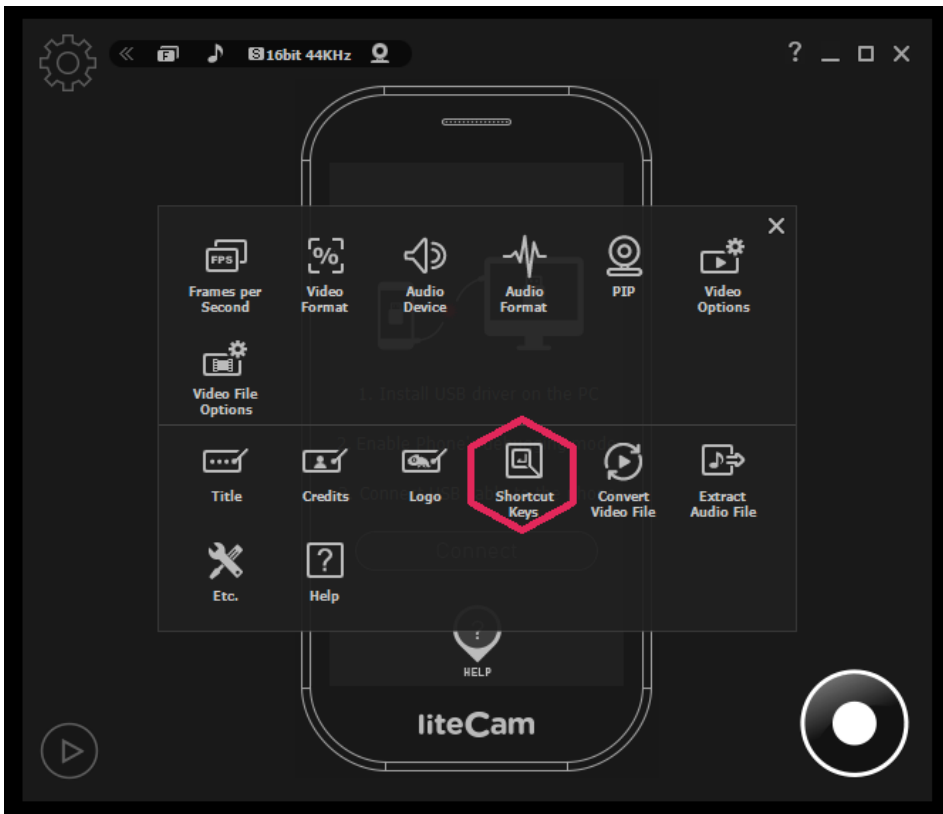
4. Shortcut Keys

Shortcuts keys help provide an easier and usually quicker method of navigating and using liteCam Android when recording using General recording, Video recording, and Audio recording.

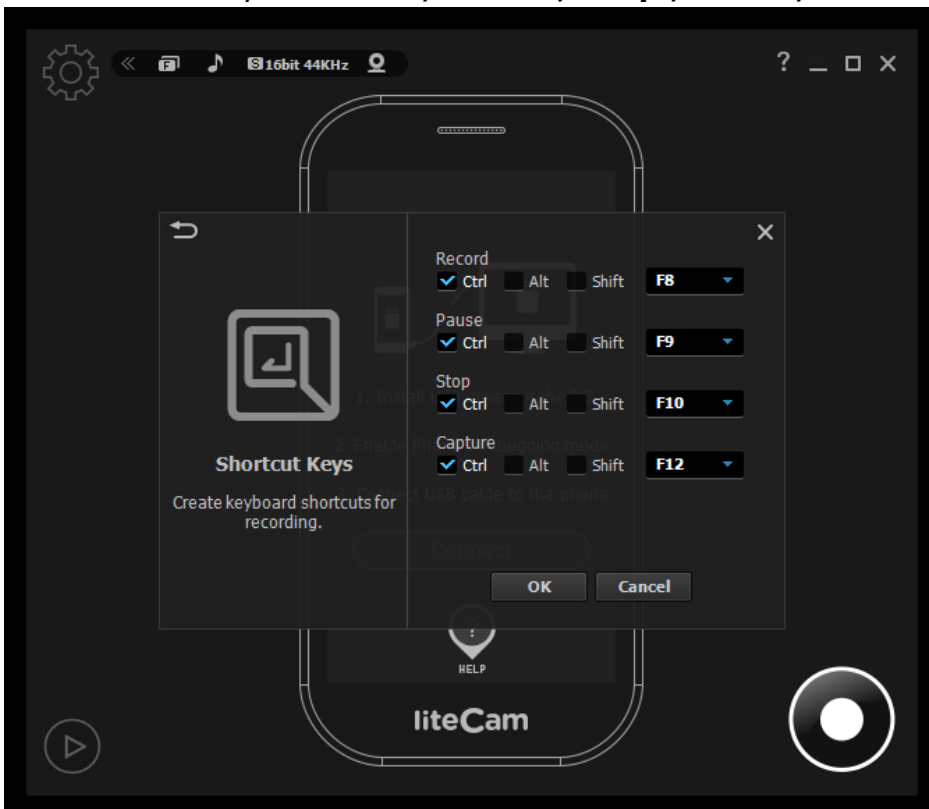
You can create shortcut keys for the following options: "**Start**", "**Pause**", "**Stop**", "**Drawing**", and "**Screen capture**".

Start liteCam > Options > Shortcut Keys.





Choose the keys you want to use as shortcuts when recording.
 Create shortcut keys for **"Start"**, **"Pause"**, **"Stop"**, **"Draw"**, and **"Capture"**.



Record

1. One-Click Recording

A simple ONE-CLICK on the record button will start liteCam Android to record any activity on the screen of your Android device.

1) **Plug your Adroid device to your PC through USB Cable**

Connect your Android phone to your PC using USB cable. Make sure that your Phone's USB debugging is enabled and USB driver is installed on your PC.

2) **Click Record button**

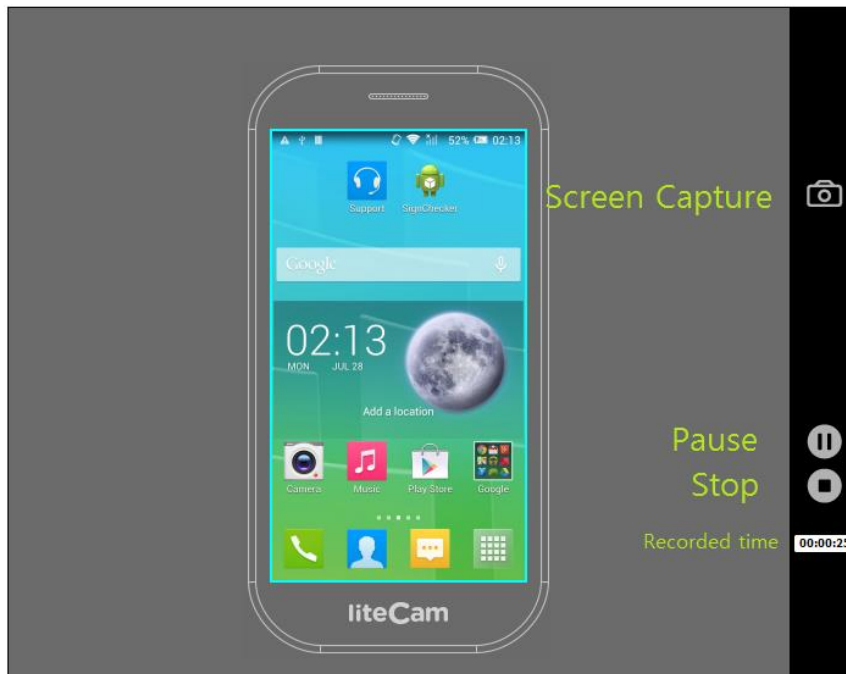
As soon as you click the Recording button the countdown to recording will start...3 2 1.

3) **Finish recording**

When finish recording, click "Pause/Stop" button at the right corner of window to stop the recording.

2. Stop/Pause Recording

While recording with liteCam Android you will have the option to Pause any recording, and Capture screenshot.



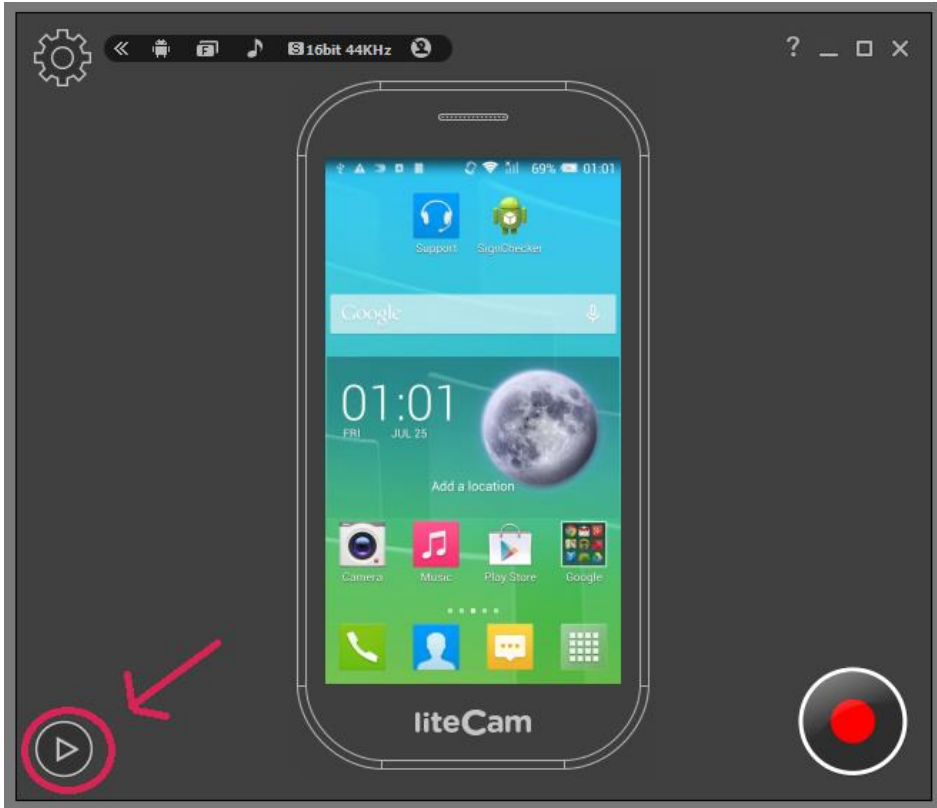
Preview

Your recorded videos or audio can be viewed at the preview.

On the Preview Window you can Trim, Convert, Save As or Delete the recorded Also you can hide/unhide the recorded file list. You can also import other files or Open the Work Folder

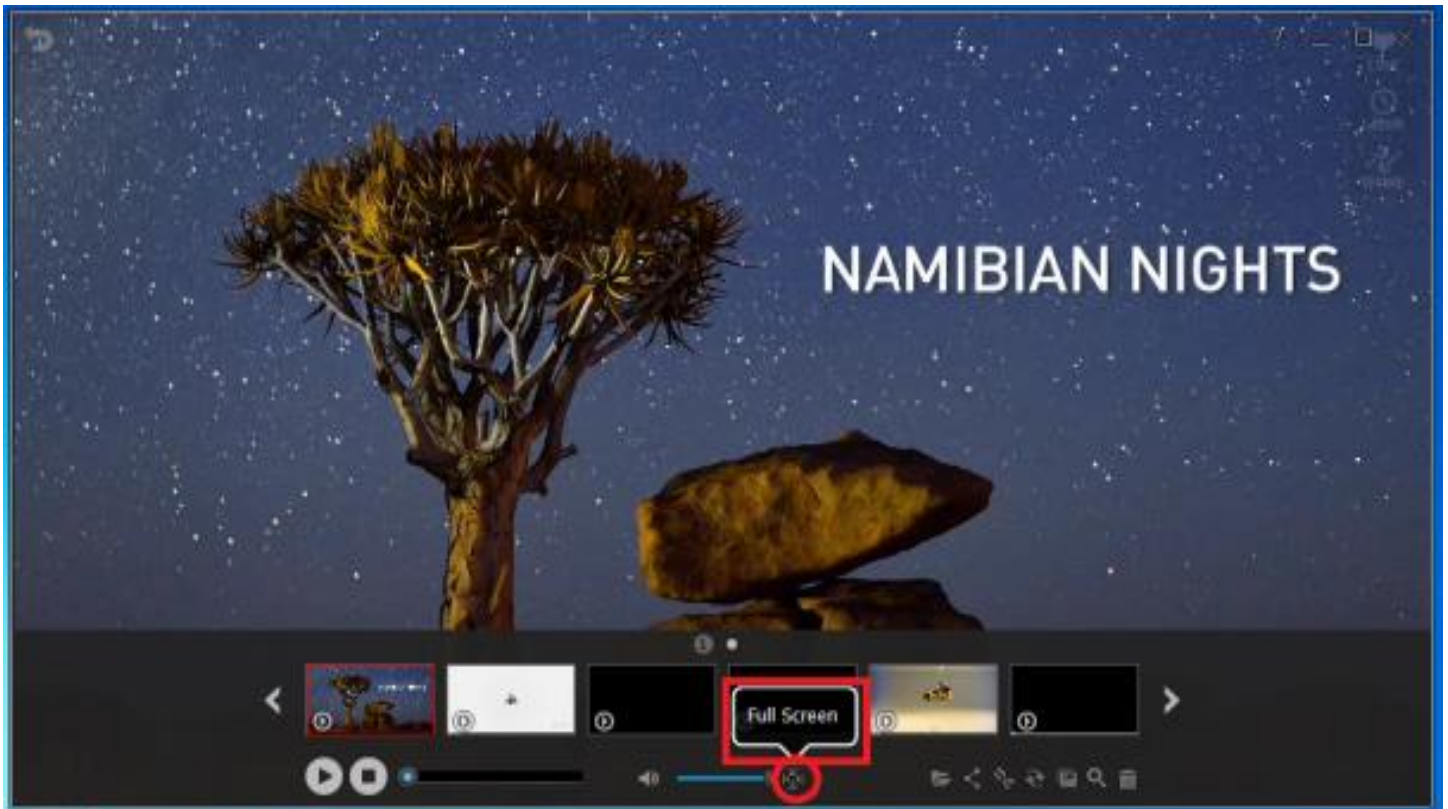
Work Folder is the folder where all the recorded files are saved.

Click the Play icon on the liteCam Android main window





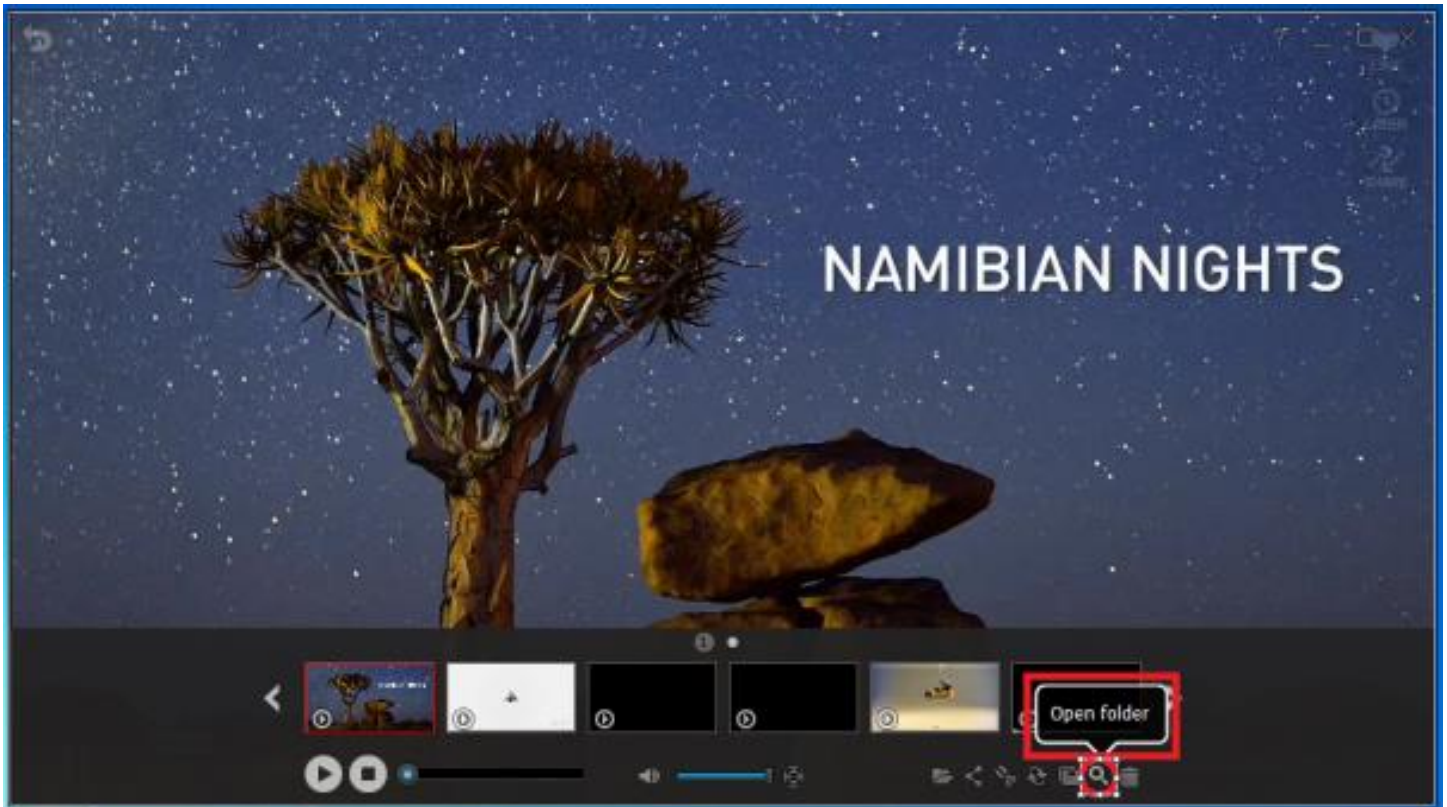
Click "Full Screen" to watch your recorded videos in full screen mode



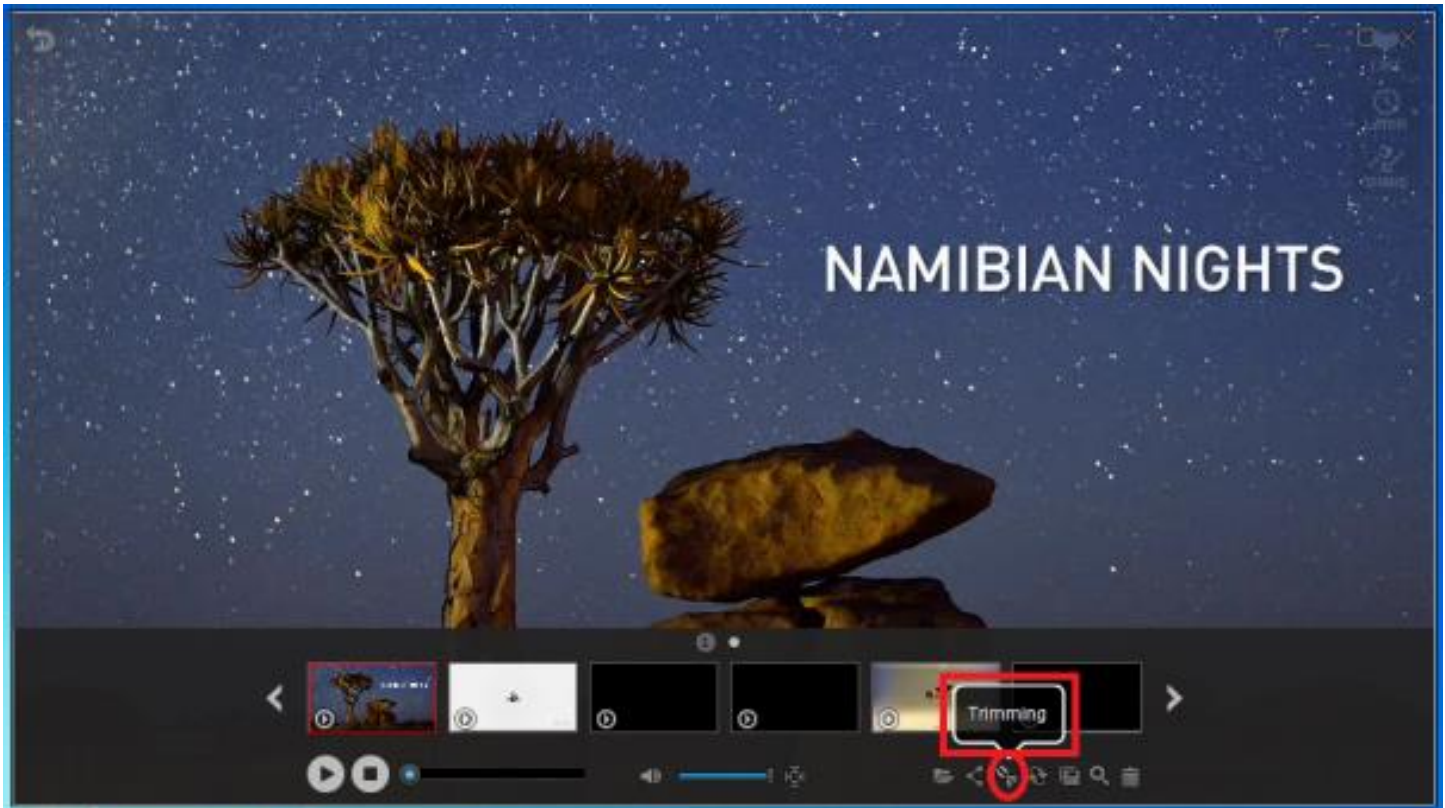
Your record file isn't available in preview? Recover it back. Click "Open" as shown below



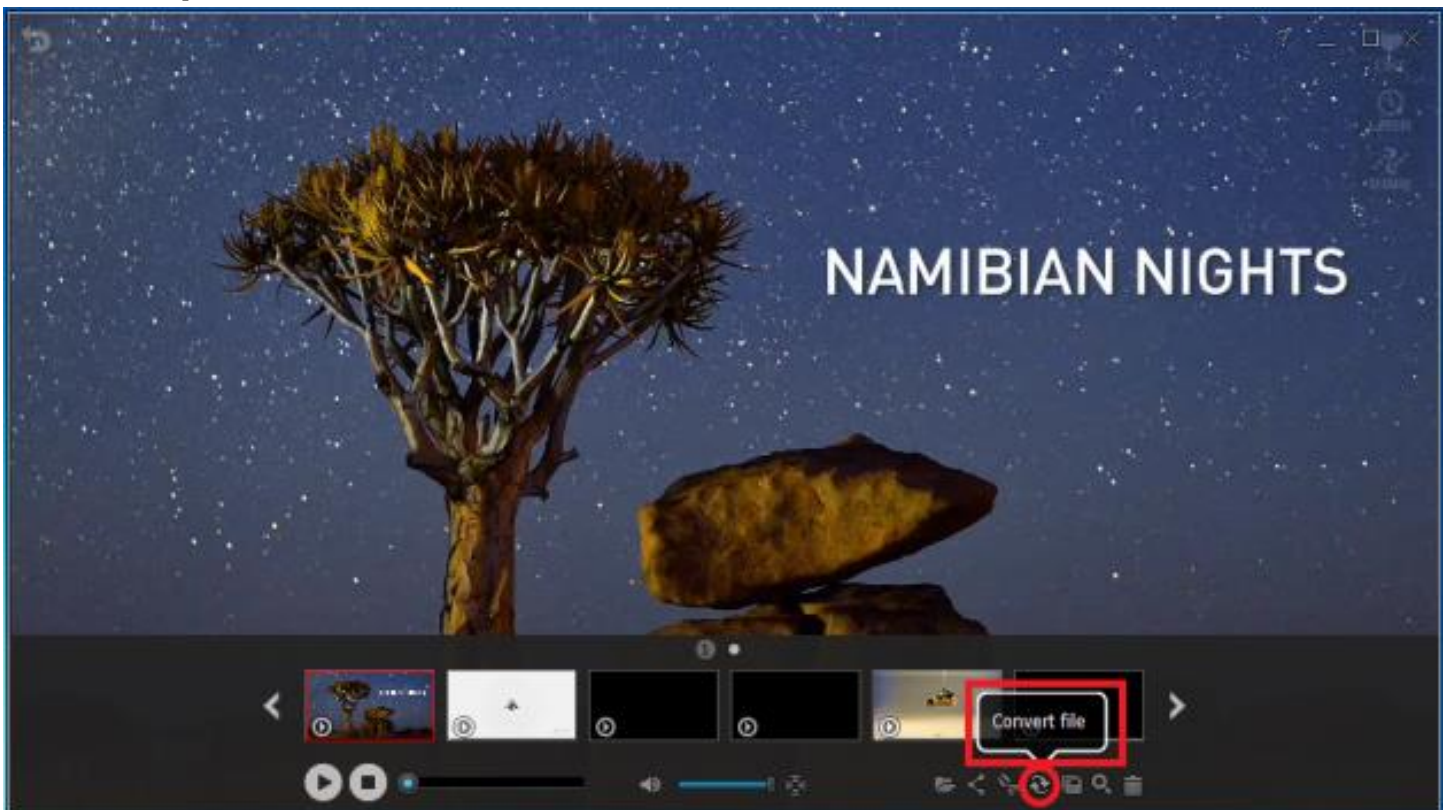
Also, Open the Work folder where you recorded files is saved.
Click "Open Folder" as shown



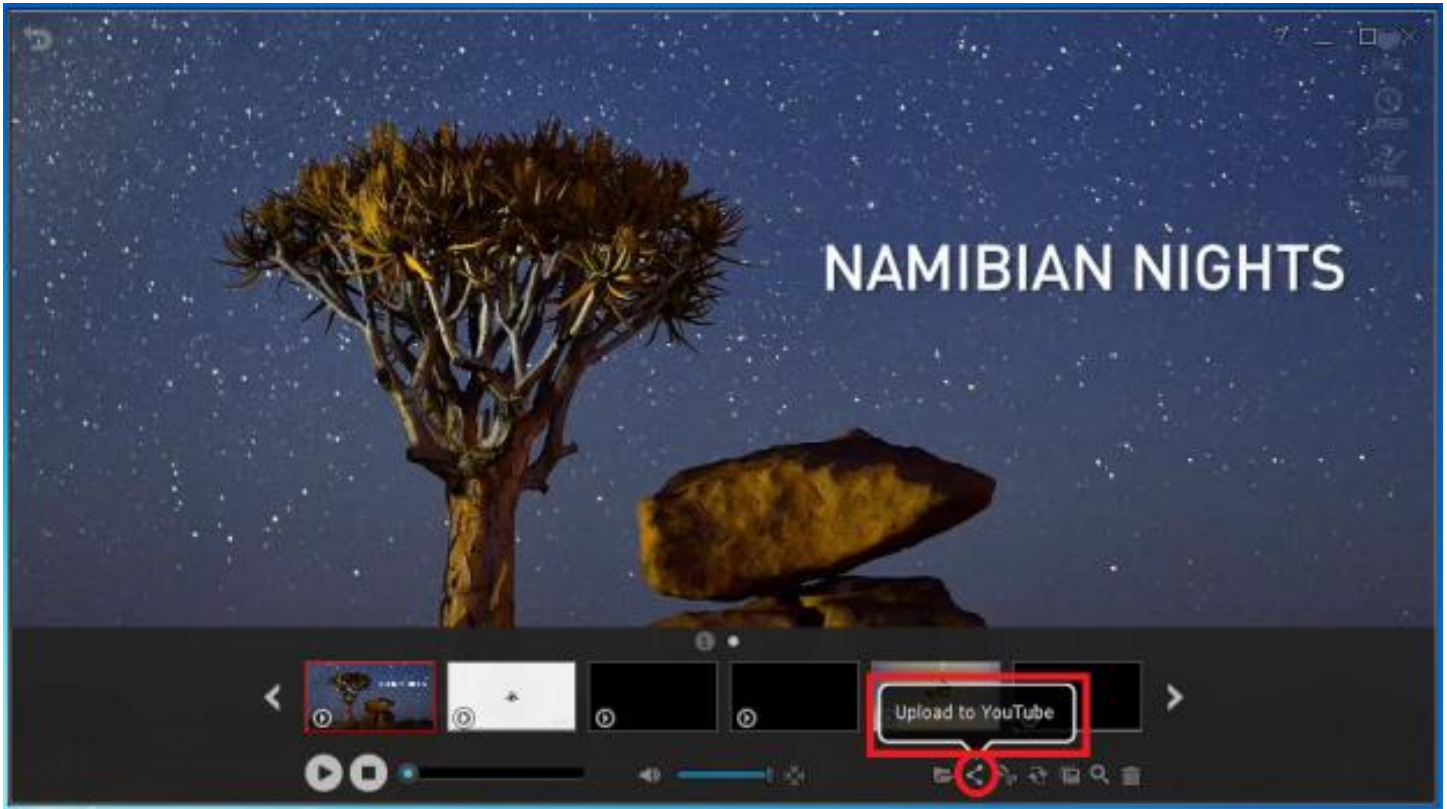
To trim your recorded video files, click the scissor looking icon.



To convert your recorded video or audio file, click convert icon.



To upload your recorded video to YouTube, click the "Upload to YouTube"



Before uploading to your recorded video to YouTube, make sure you have the following:

1. YouTube account.
2. Your Video was recorded using Video Recorded Mode or Game Recording Mode
3. At least you have uploaded a video to your YouTube account before.

For your recorded video longer 15 minutes, change your YouTube account "Increase your limit" setting. Here is the link: <https://support.google.com/youtube/answer/71673?hl=en>

To hide or unhide your recorded file list, left-click on the Preview screen.

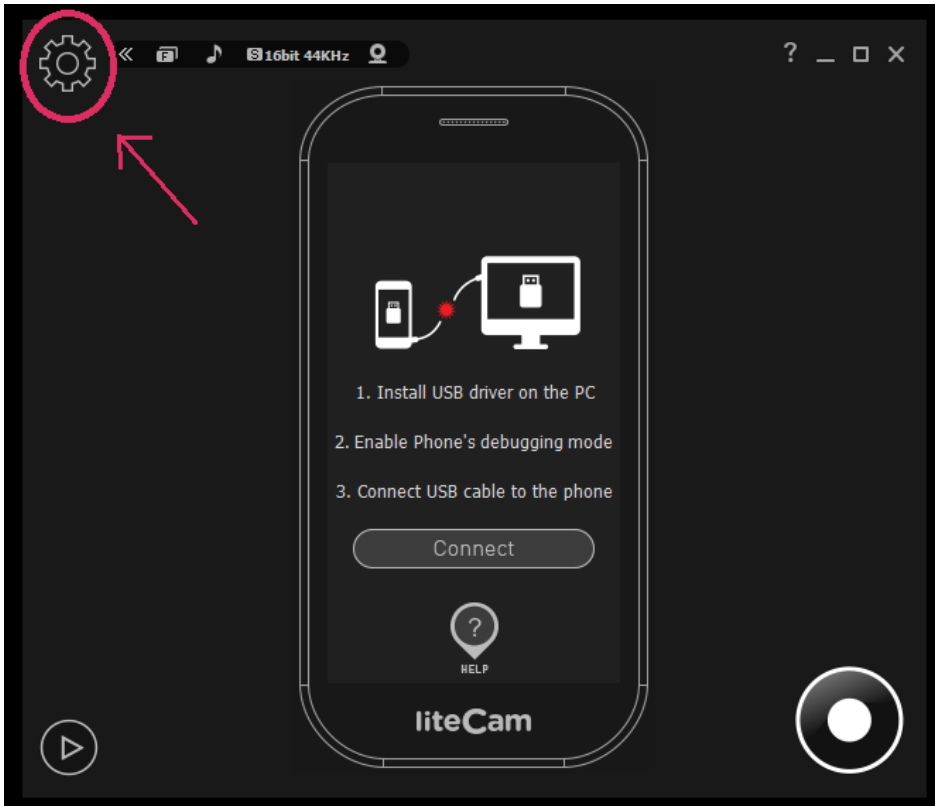


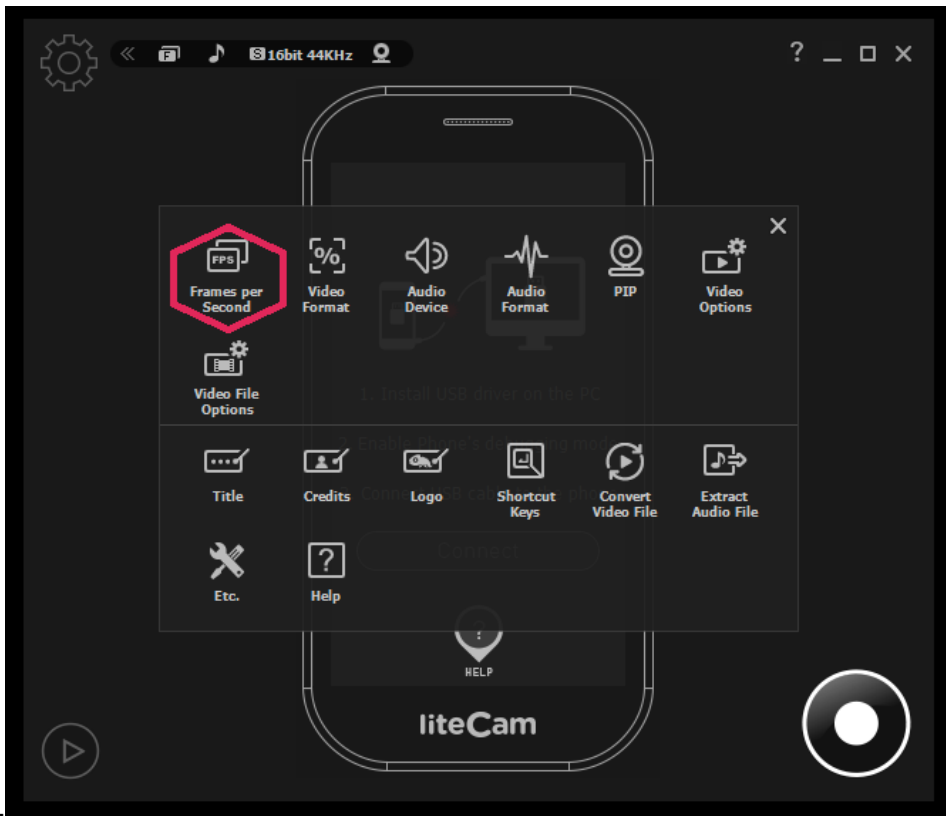
General Options

1. Frame per Second

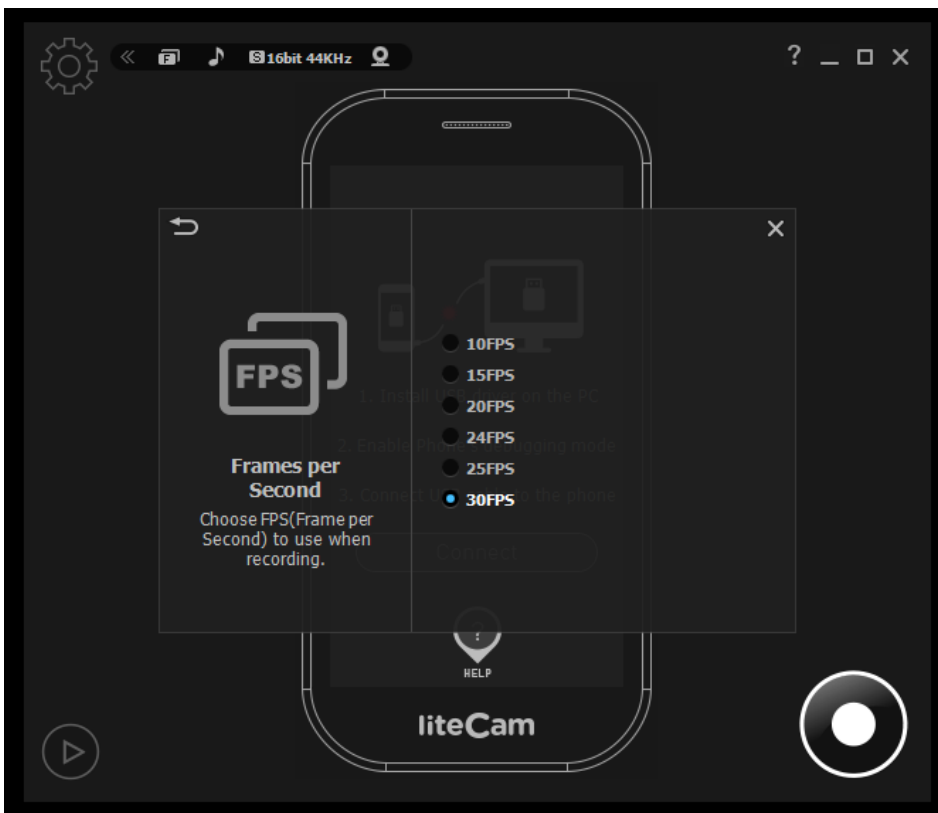
FPS measures how much information is used to store and display motion video.
The maximum FPS available to record video in General recording and Video recording is 30FPS

Start liteCam> Frame Per Second> select your desired FPS





You can choose up to 30FPS



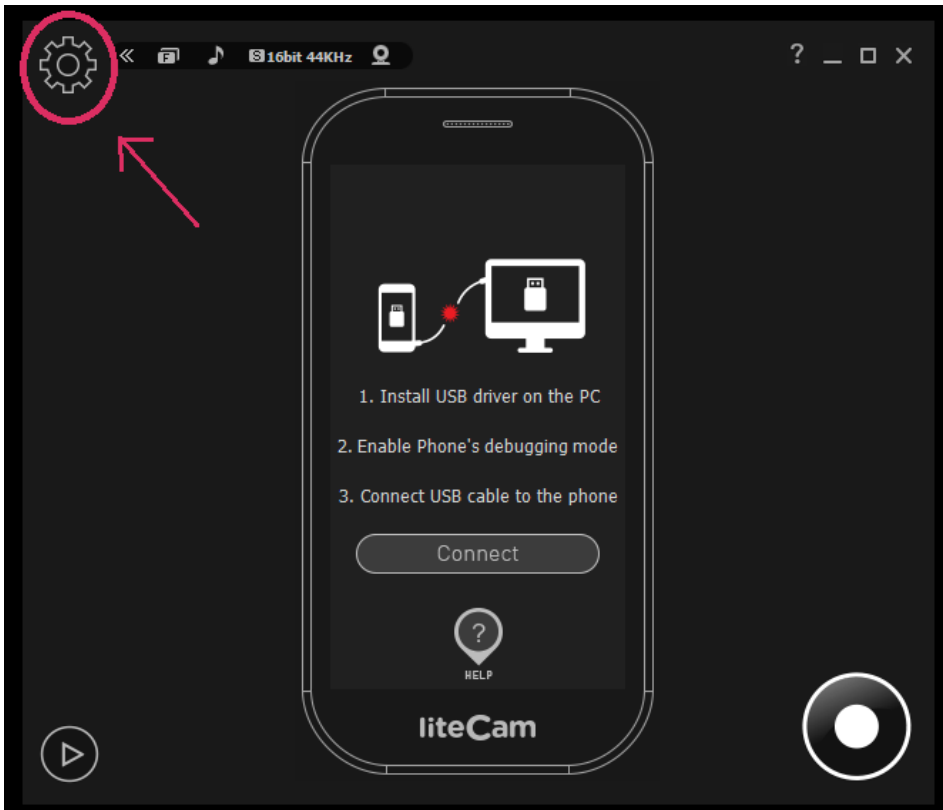
2. Audio Format

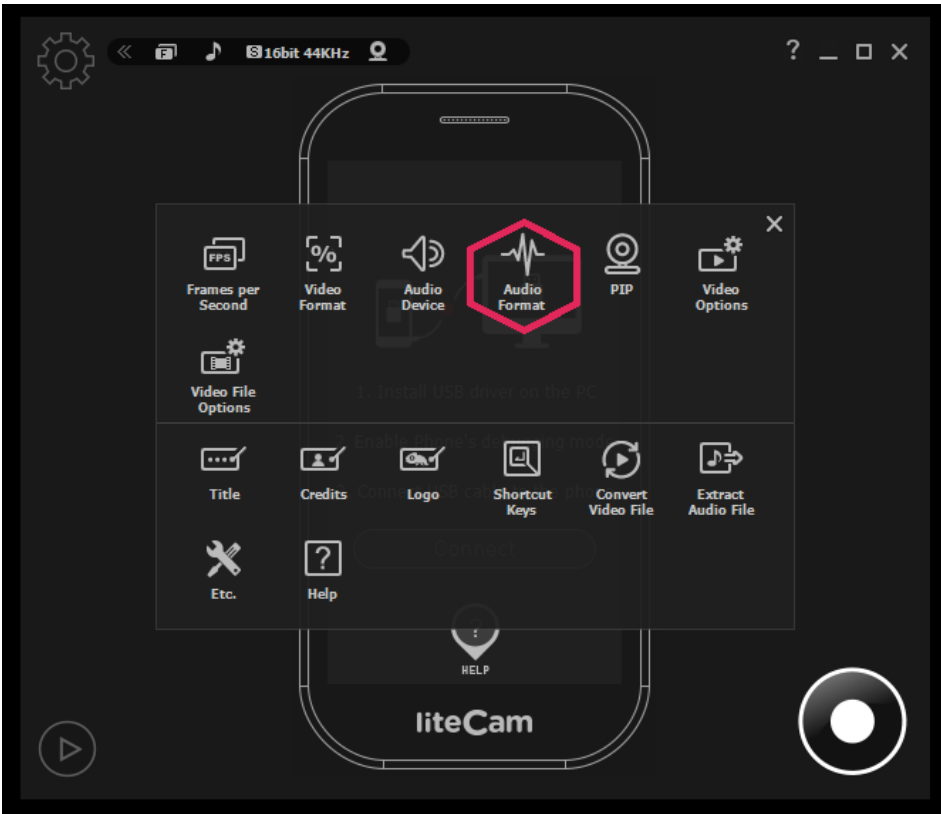
Different Audio has different quality. Choose the quality you want. We recommend "Mono, 16bit, 22KHz".

To choose the audio quality you want to use when recording.

- Mono, 16bit, 11 KHz – Stereo, 16bit, 48 KHz: Record channels, bit, and sampling rate.
- System Default Settings: Record system sounds in Windows Vista, 7, and 8.
- No Audio: Exclude sounds for recording.

Start liteCam> Options> Audio Format

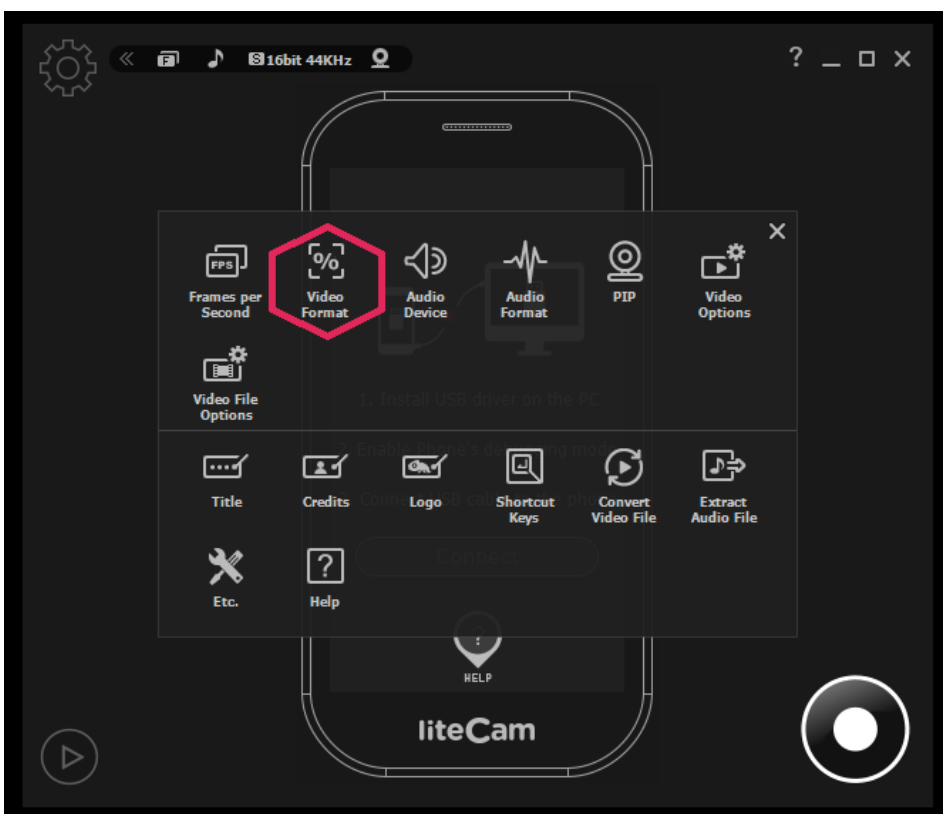
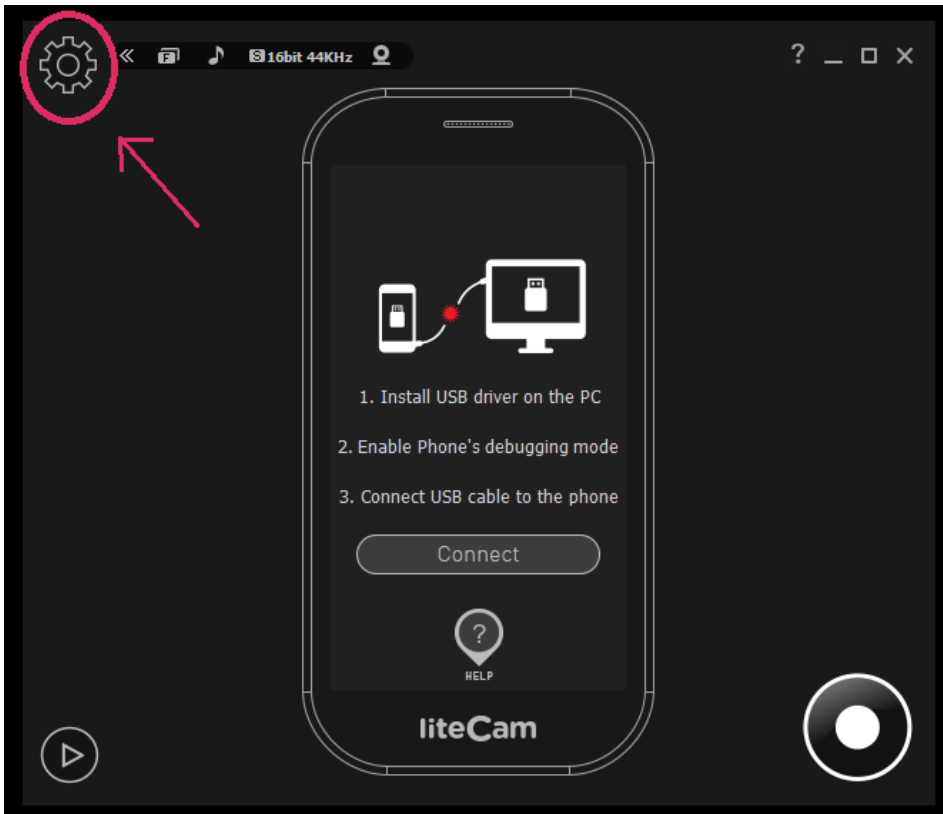




3. Video Format

The resolution of your screen can be selected under the Video Format option. There are many options to choose from.

Start liteCam Game> Option> Video Format



Select a video format settings

1. From 100% to 10% of the screen



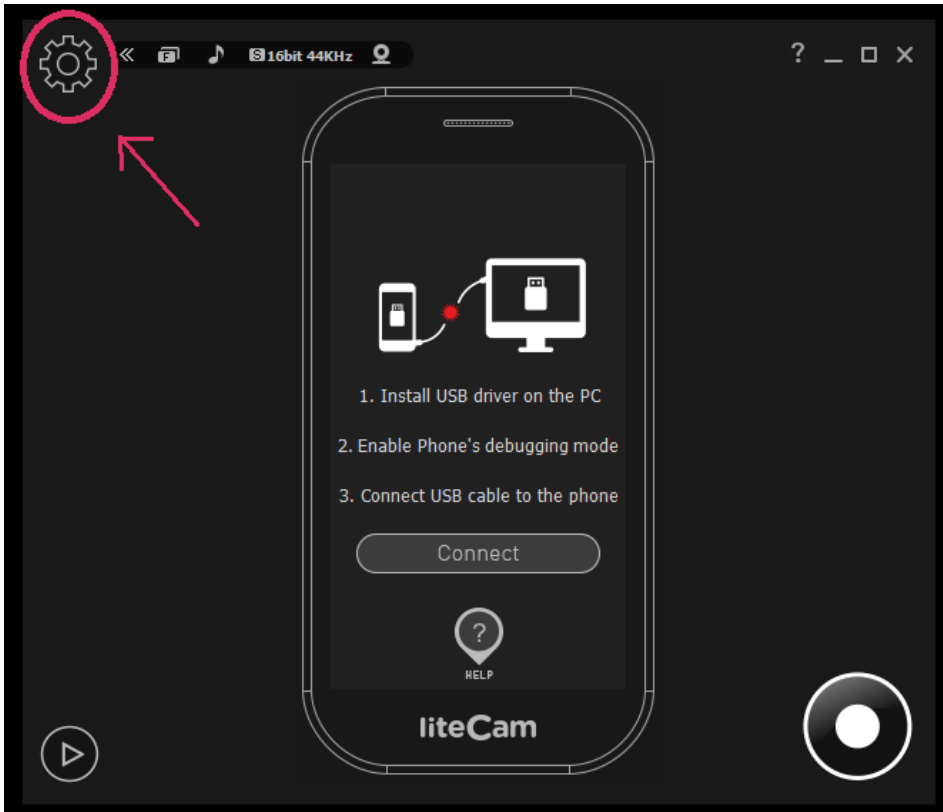
Advance Recording Option

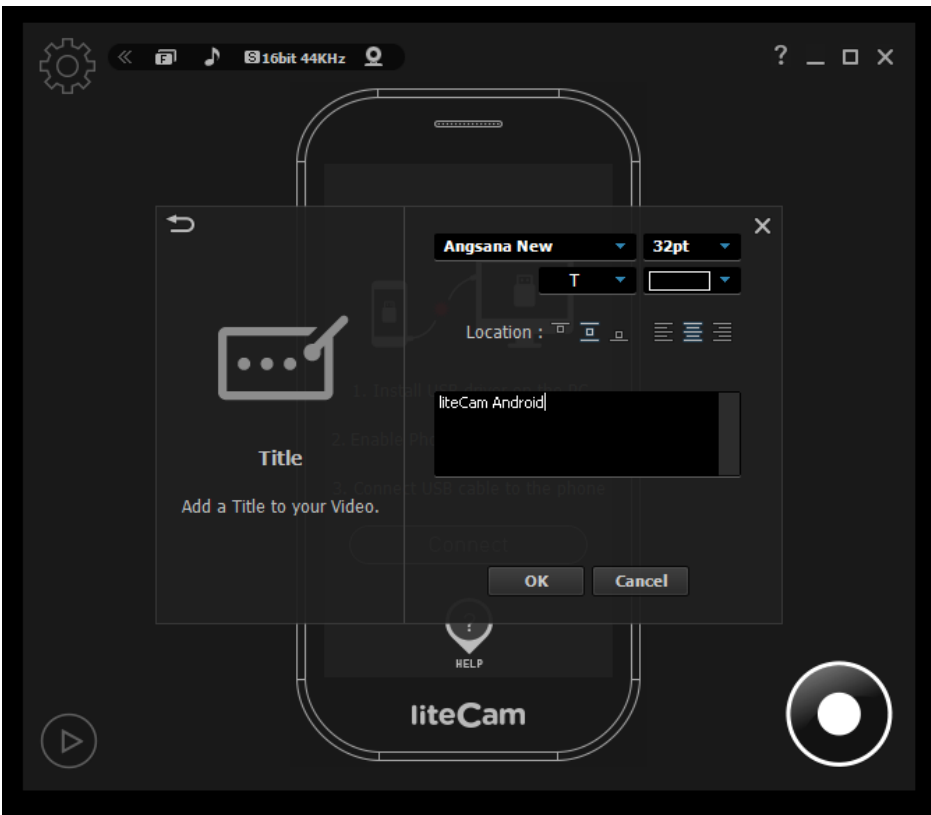
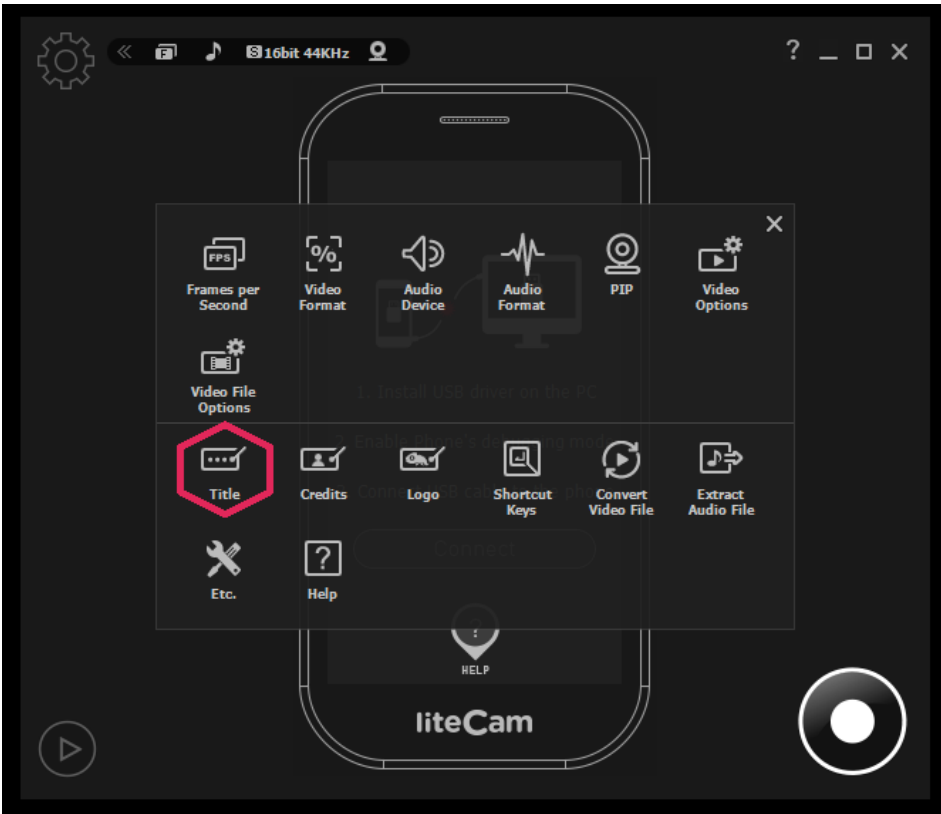
1. Title

When adding a title to your recording, select "Title" in option window.

Then, select your favorite "Font", "Font size", "Text Colour", "Title location", and "Alignment".

Start liteCam> Options> Title.

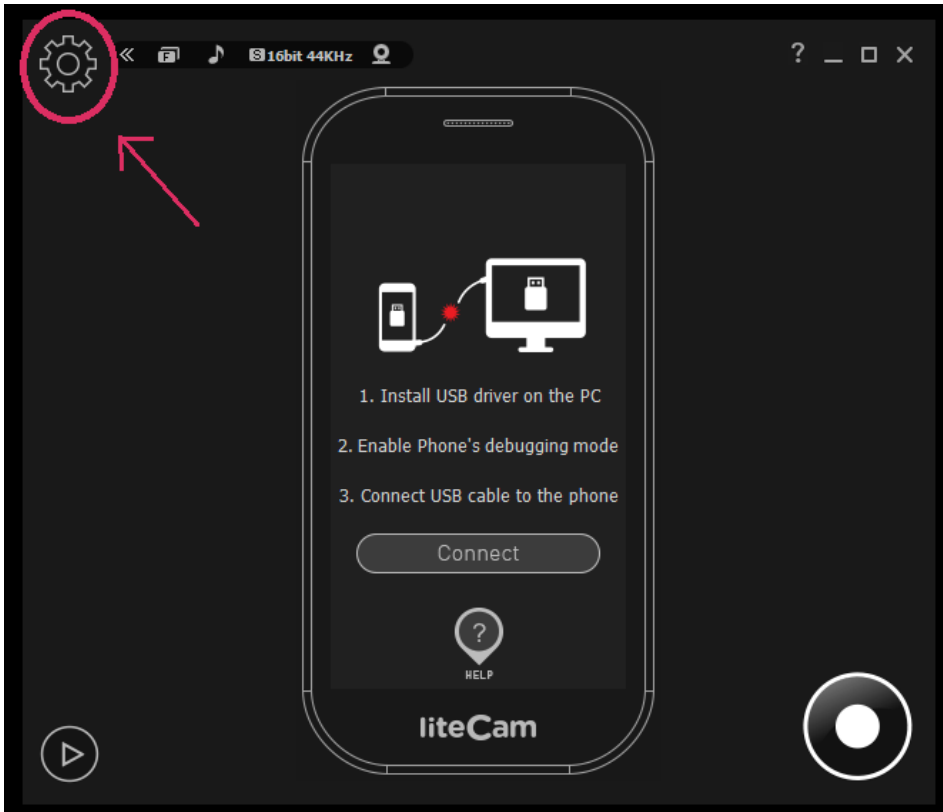


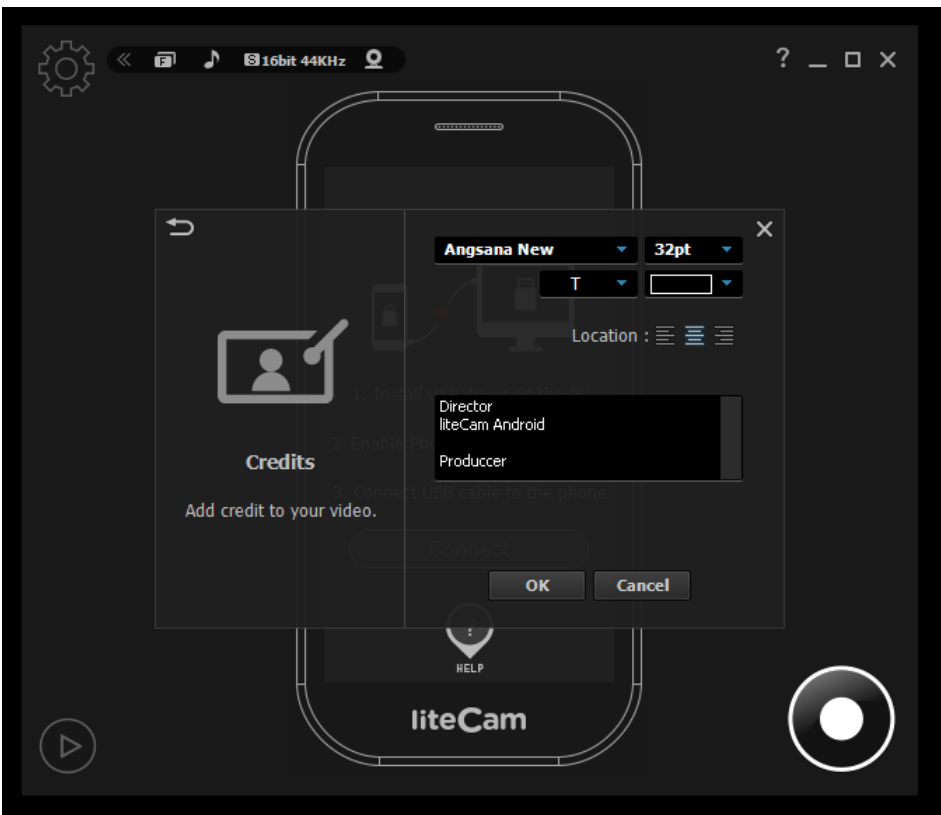
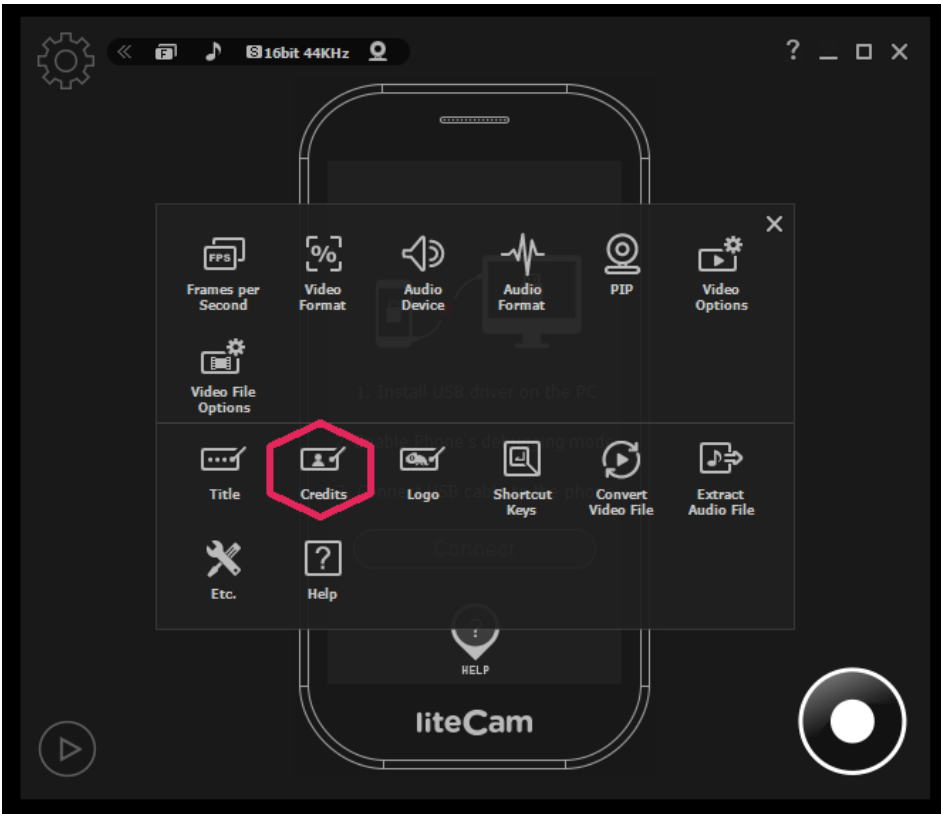


2. Credits

To add credits at the end of your recording file, select "Credit" in option window. Then, select your favorite "Font", "Font size", "Text colour", "Credits location", and "Alignment".

Start liteCam > Options > Credits



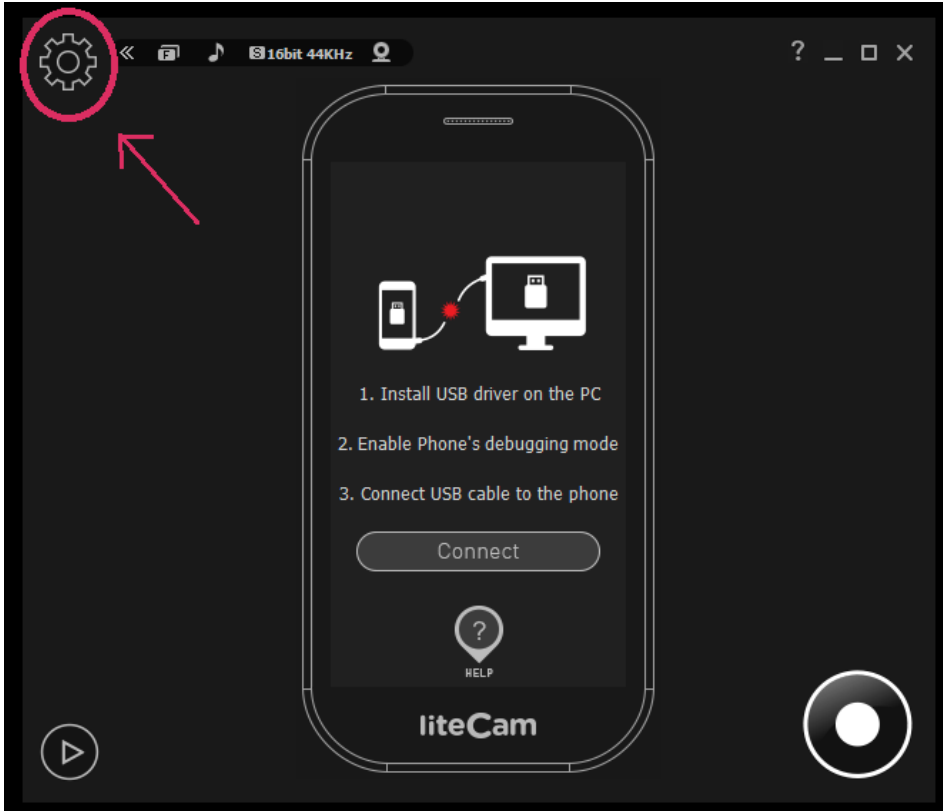


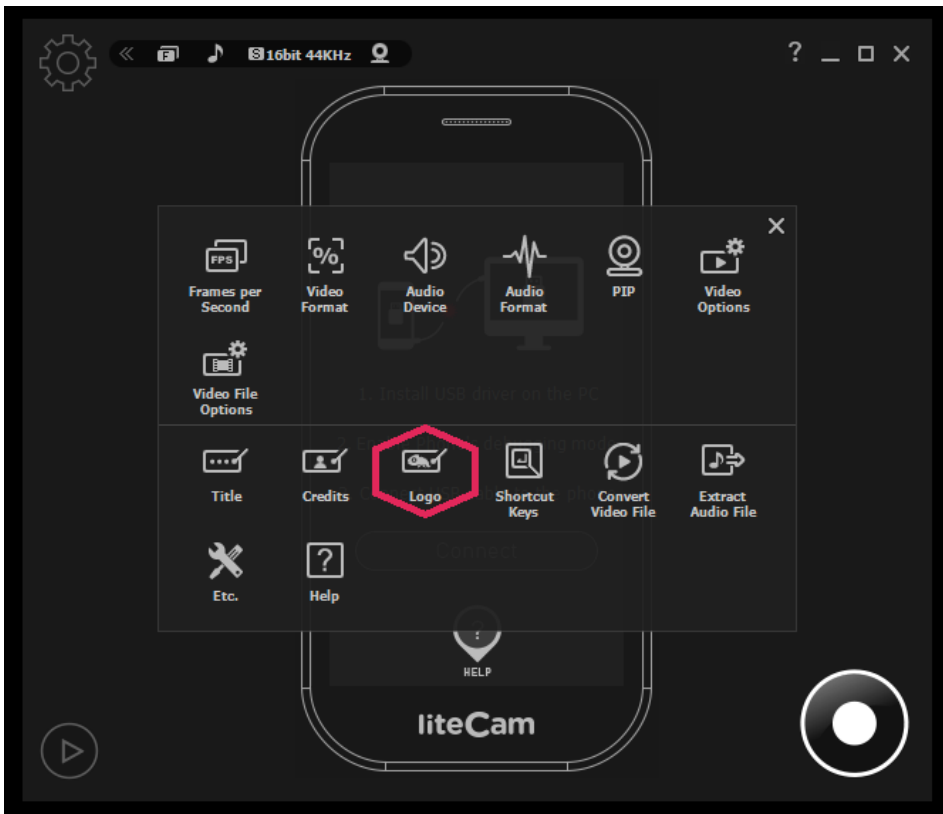
3. Logo

Add a logo to your videos. The logo would be seen in your recorded videos.

To add a logo to your video(s), Select "Logo" in option window and import a logo file.

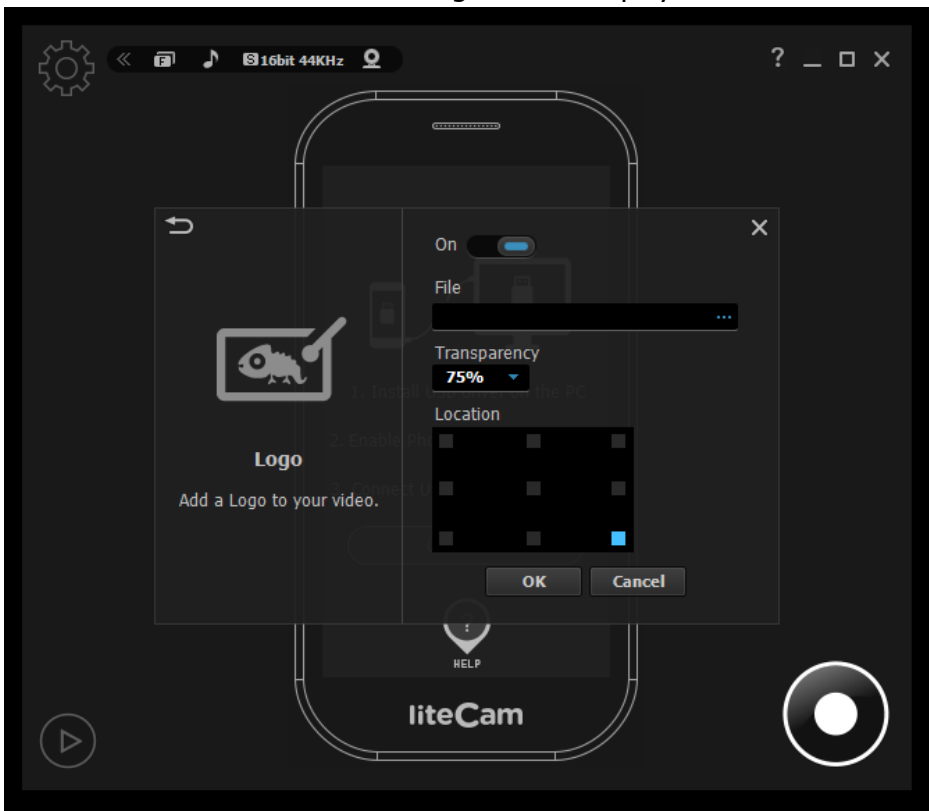
Start liteCam > Options > Logo





Select the transparency and location of the selected Logo.

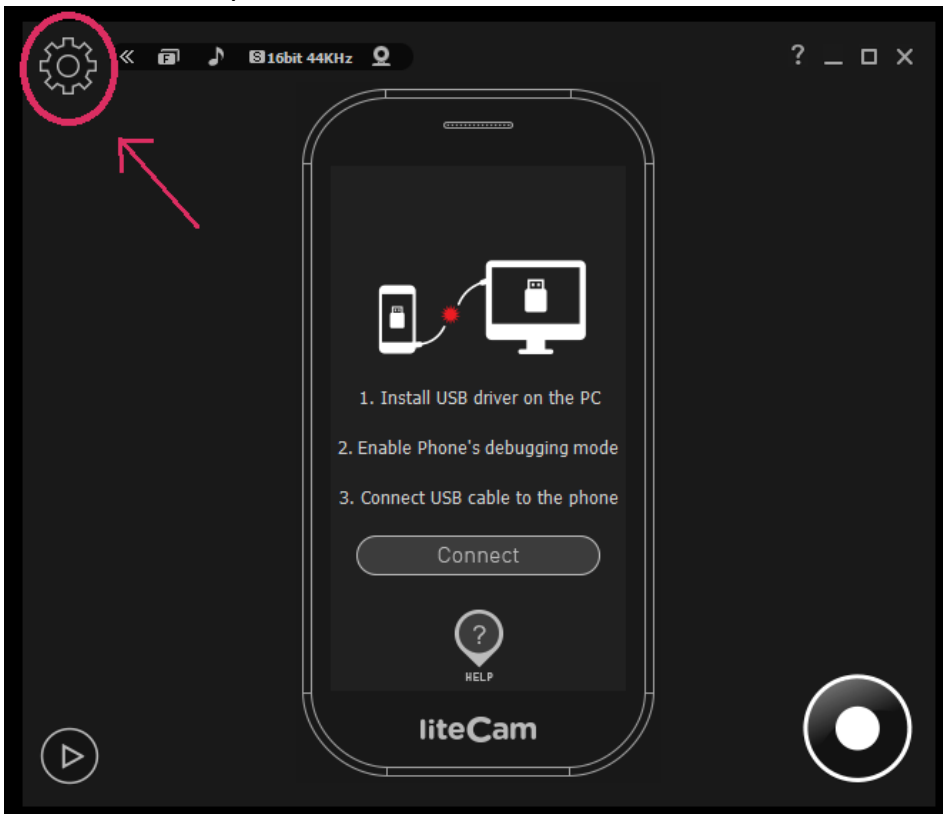
- Logo file: Import it
- Transparency: Select the transparency level to make the image transparent.
- Location: Indicate where the image will be displayed.

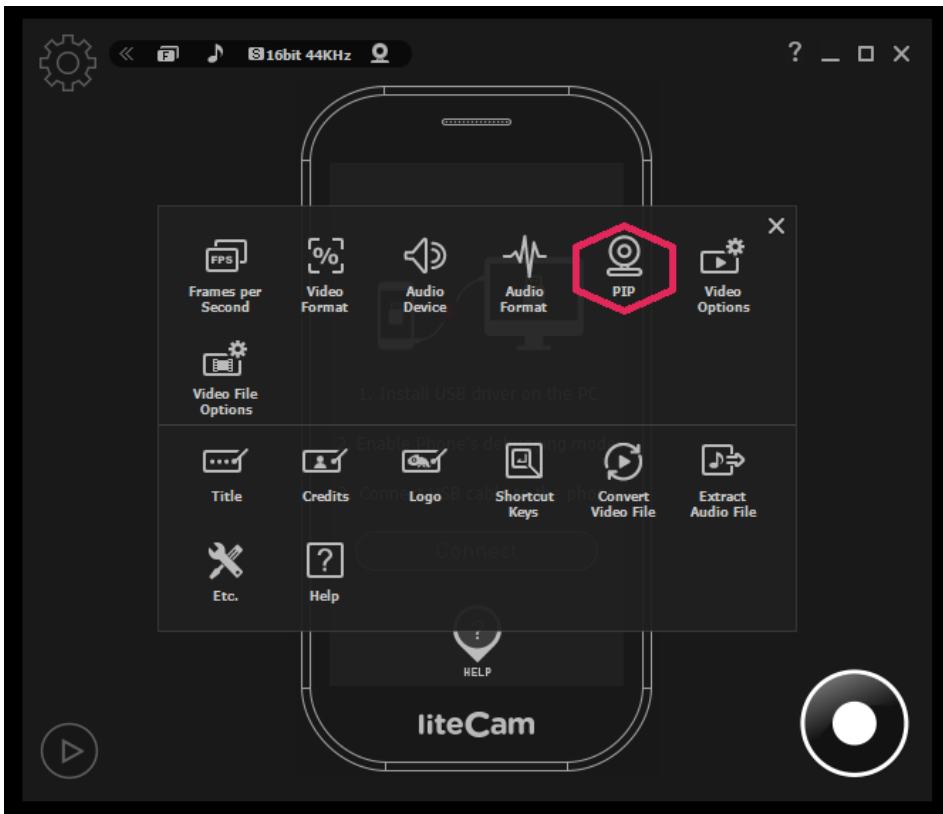


4. PIP

Show your active speech simultaneously in the corner of the screen with Picture-in-Picture (PIP) function to build up the trust on your video.

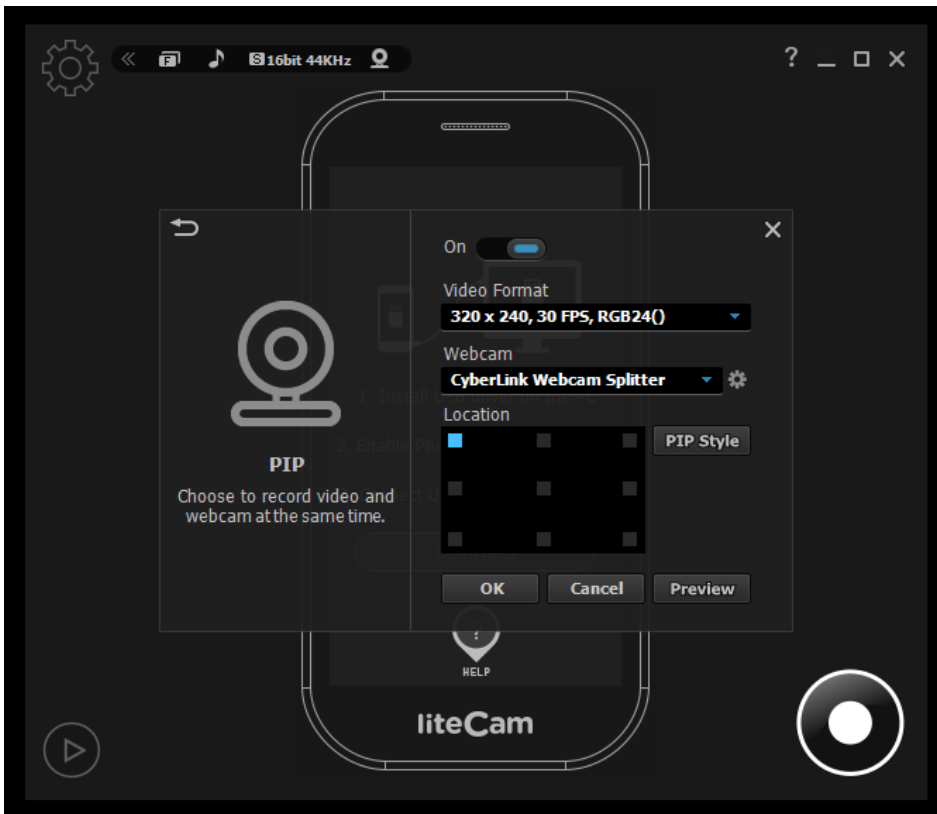
Start liteCam > Options > PIP





PIP settings;

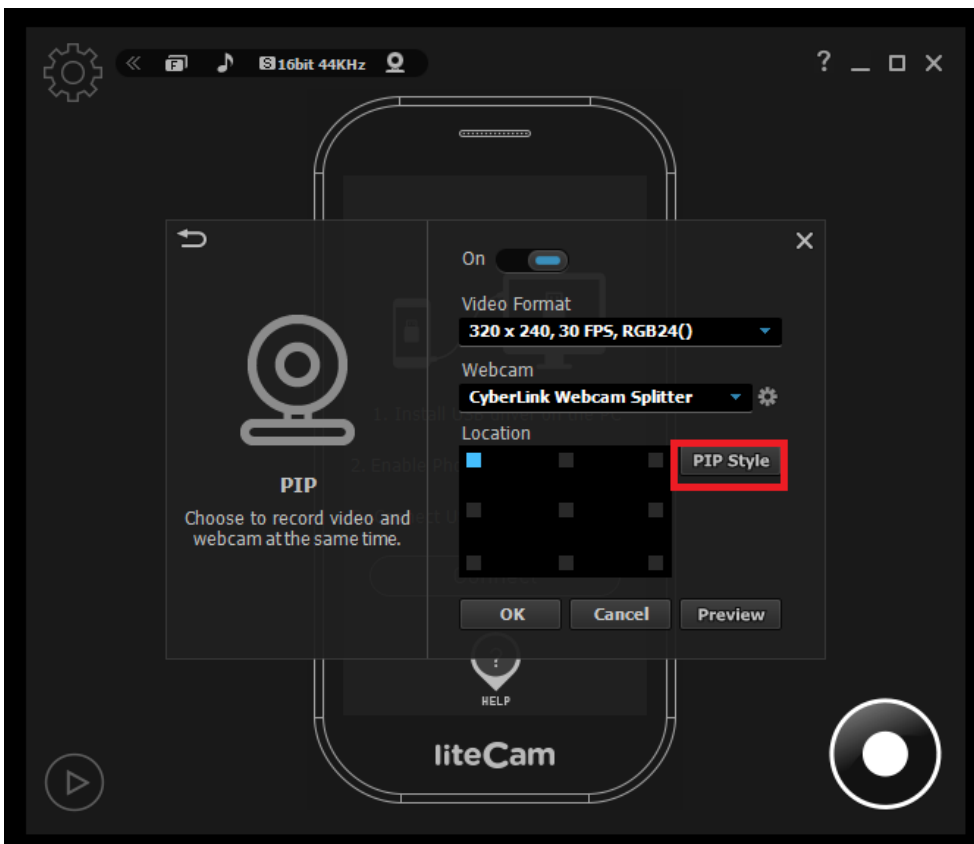
- Video Format: Select webcam resolution.
- Webcam: Check available webcam devices.
- Option Button: Check webcam property. - Location: PIP display area.
- PIP Style: Design PIP window.
- Preview: Test what PIP window shows.



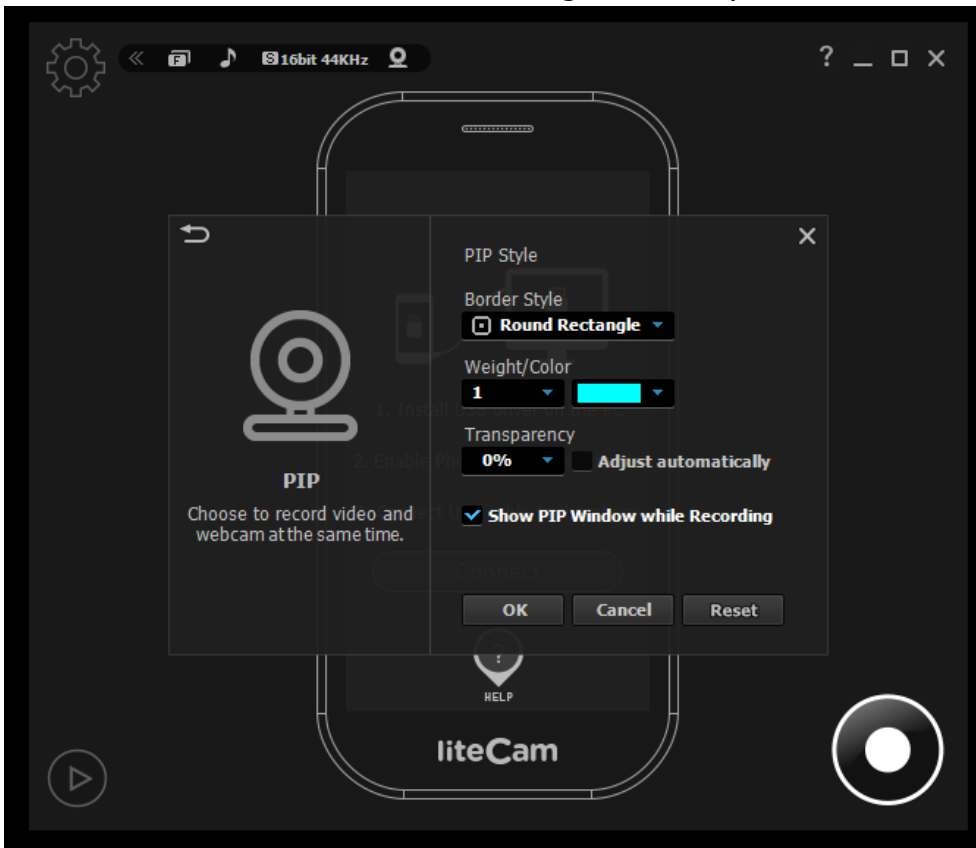
Solution for PIP interference while recording

While recording, PIP window can sometimes interfere with your recordings.

Show or hide PIP feature will let you hide or show PIP when recording. Follow the steps below



Tick the "Show PIP Window while Recording" to enable you to enable or disable PIP when recording



Converting and Extraction

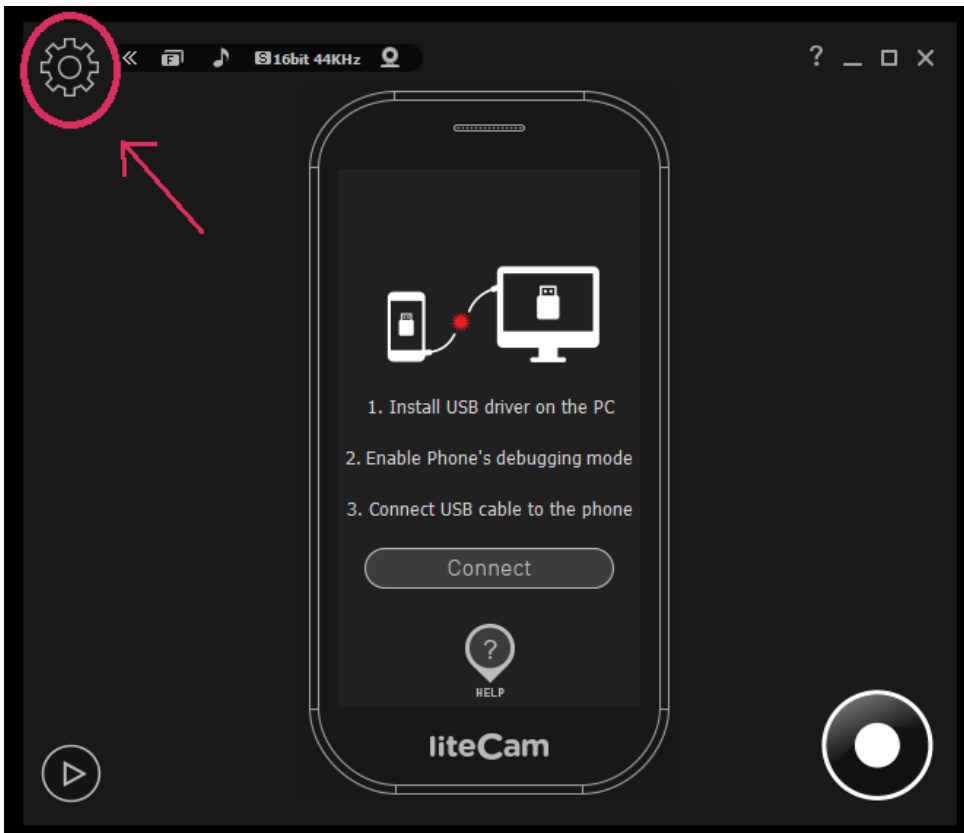
Every Video or Audio Recorded using the liteCam Android can be converted to other file formats.

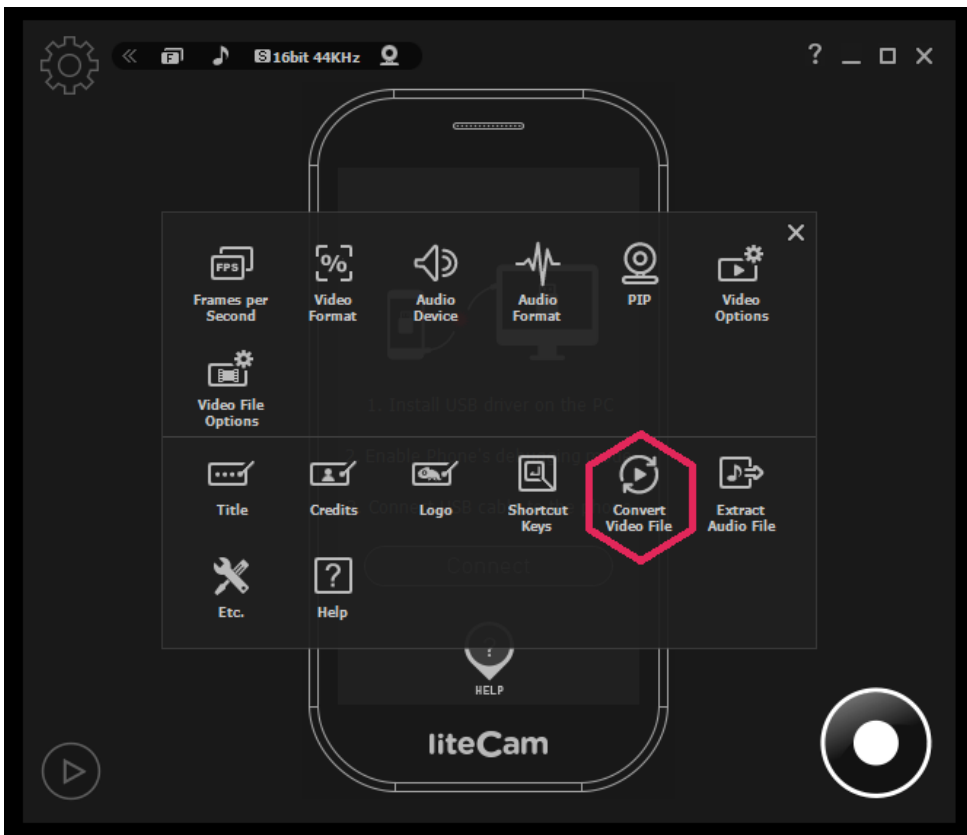
For Videos you can convert them to MP4 or WMV file formats while Audio can be converted to MP3, WAV, and WMA file formats

1. Convert Video Files

Convert the videos that your recorded using liteCam Android. Convert your recorded videos to MP4 or WMV file format

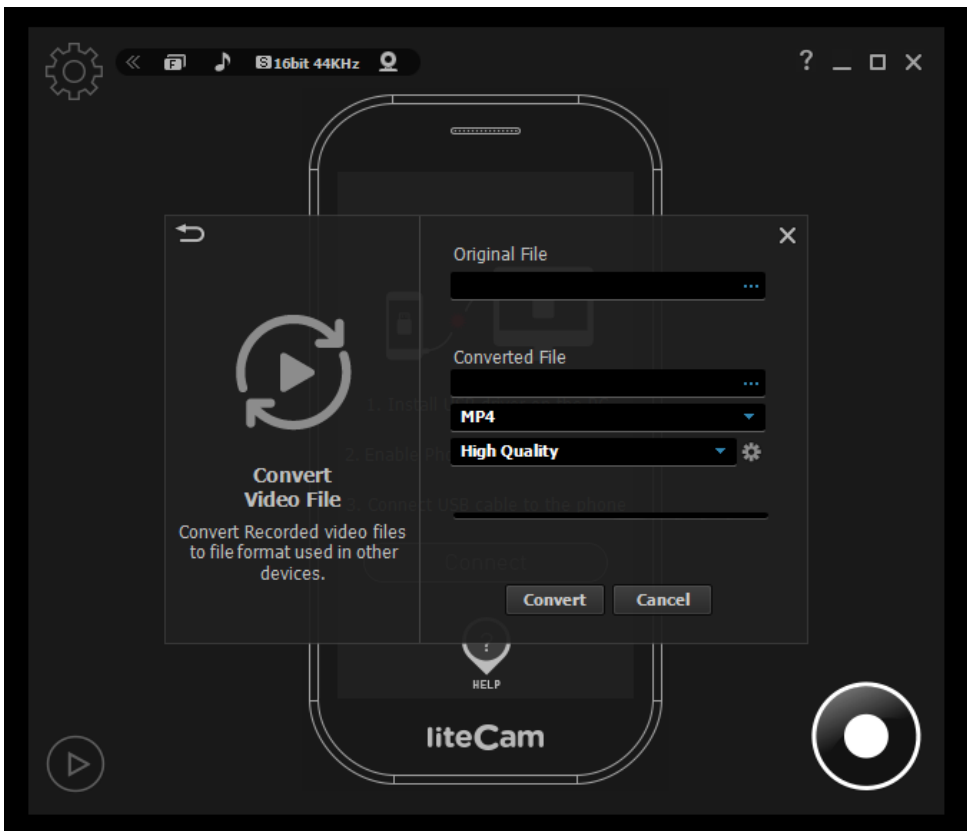
Start liteCam> Convert Video Files





Convert video file settings

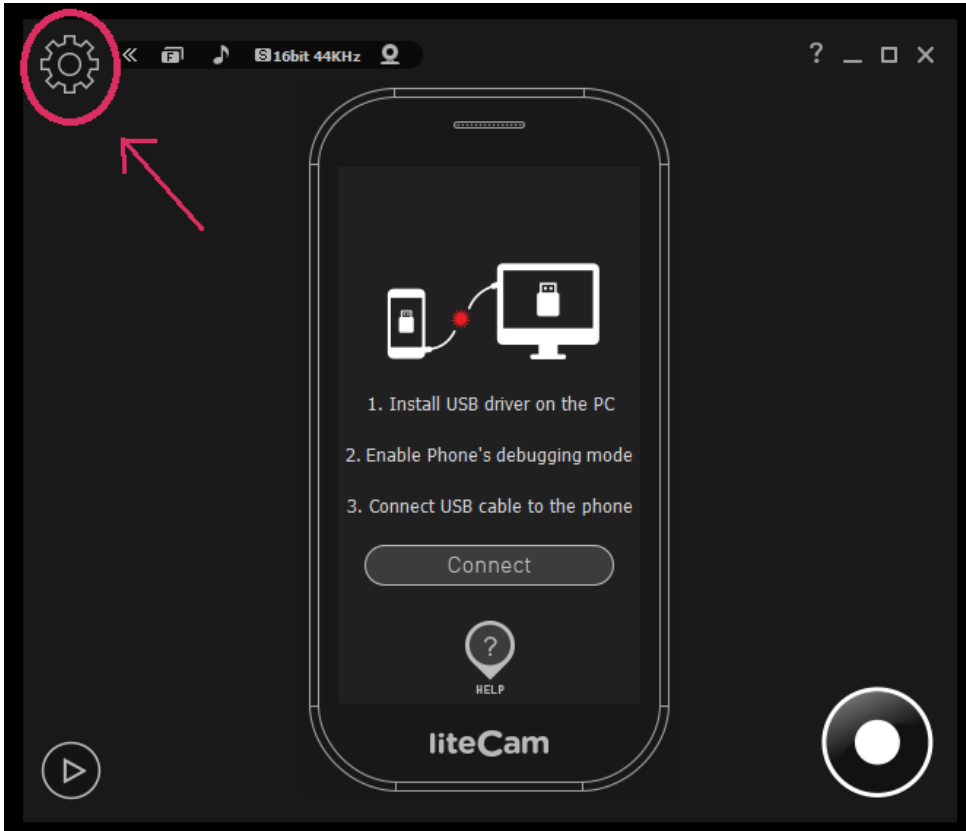
- Select the file you have already recorded
- Select the File format and output quality

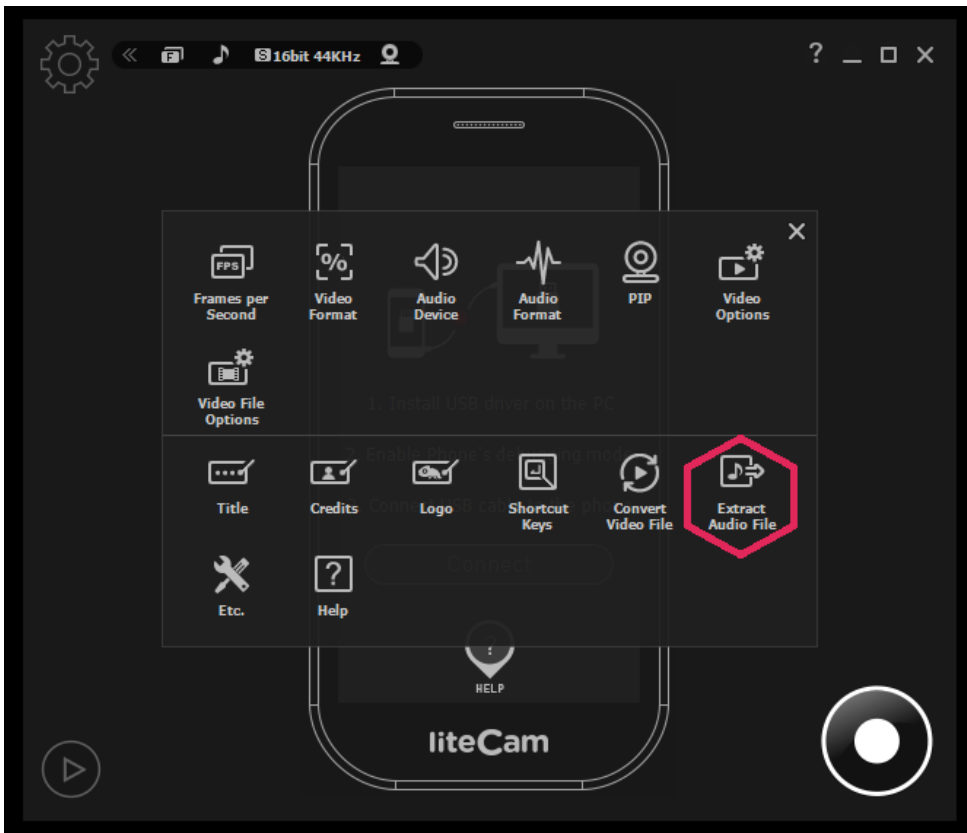


3. Extract Audio files

Any audio in your recorded videos can be extracted and saved as an audio file.
To extract audio from videos;

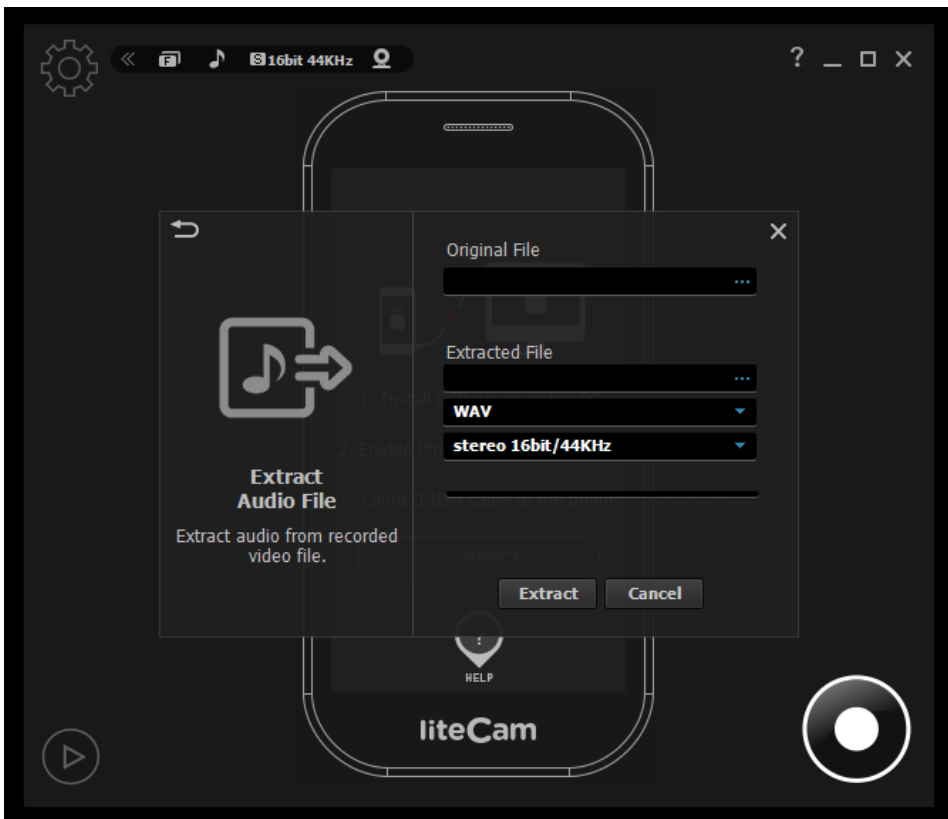
Start liteCam> Option> Extract Audio File.





Extract audio file settings;

- select the video file
- Select the audio out file format



Etc.

1. Work and Log folder

The work folder is where the recorded files are saved. The default location of this folder is C:\Users\{UserName}\Documents\liteCam.

However, this folder can be change to any folder of your choice.

The Log folder is where all the log created during the recording period are created and stored.

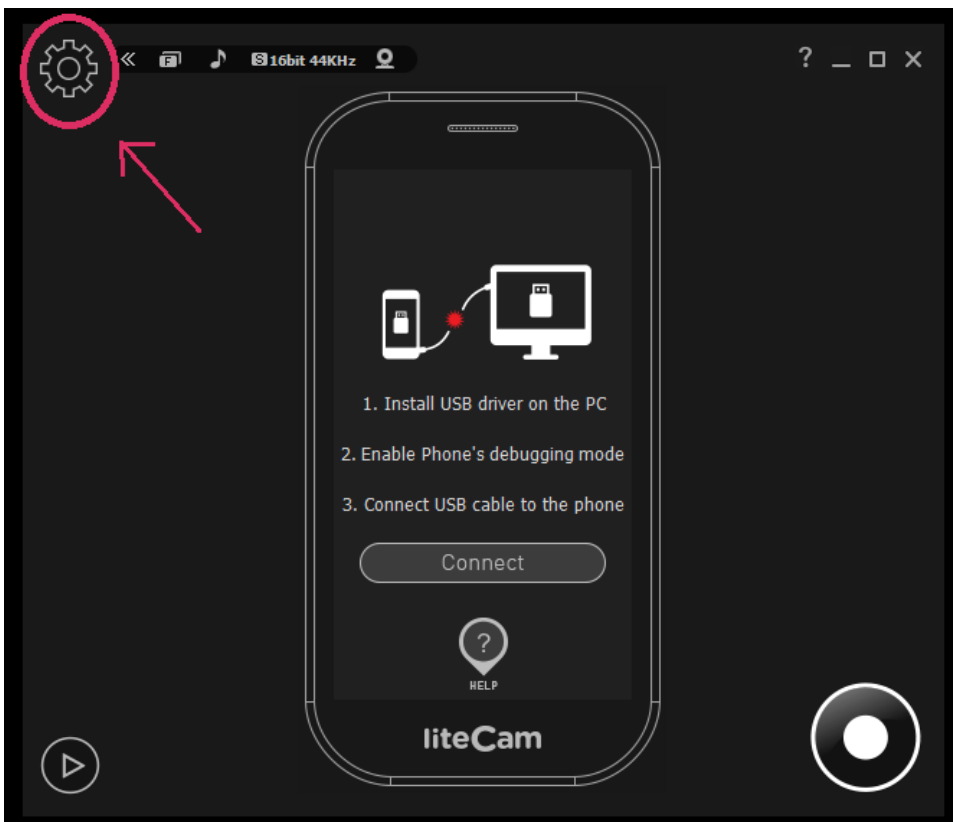
The default location of this folder is C:\Users\{UserName}\Documents\liteCam\Log

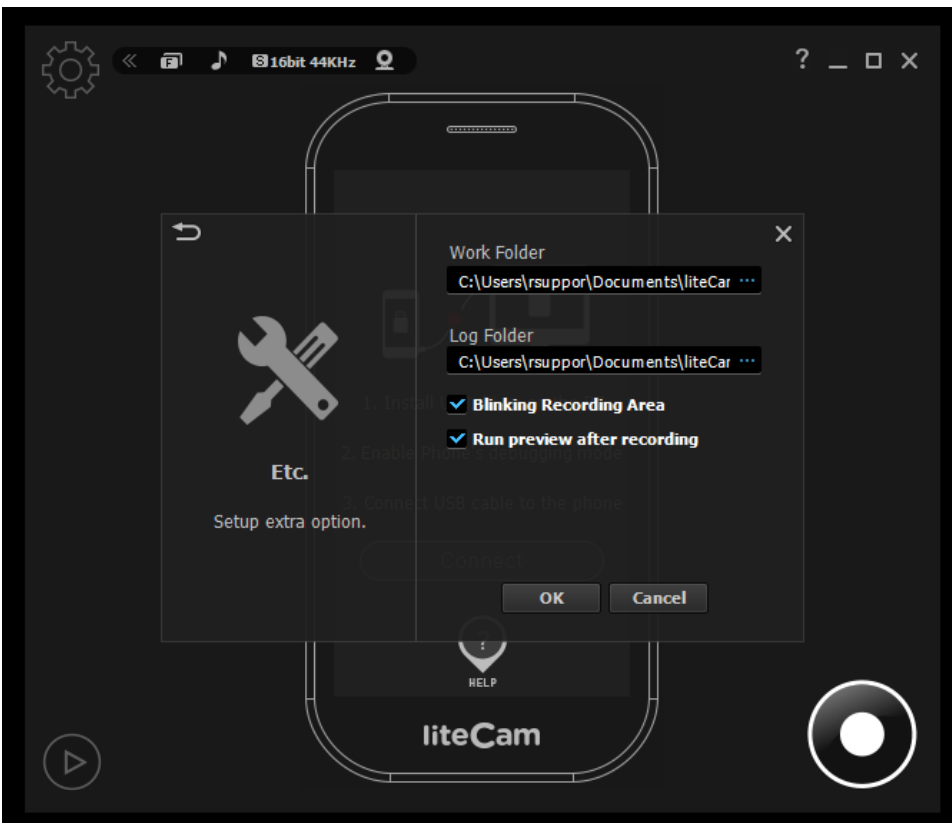
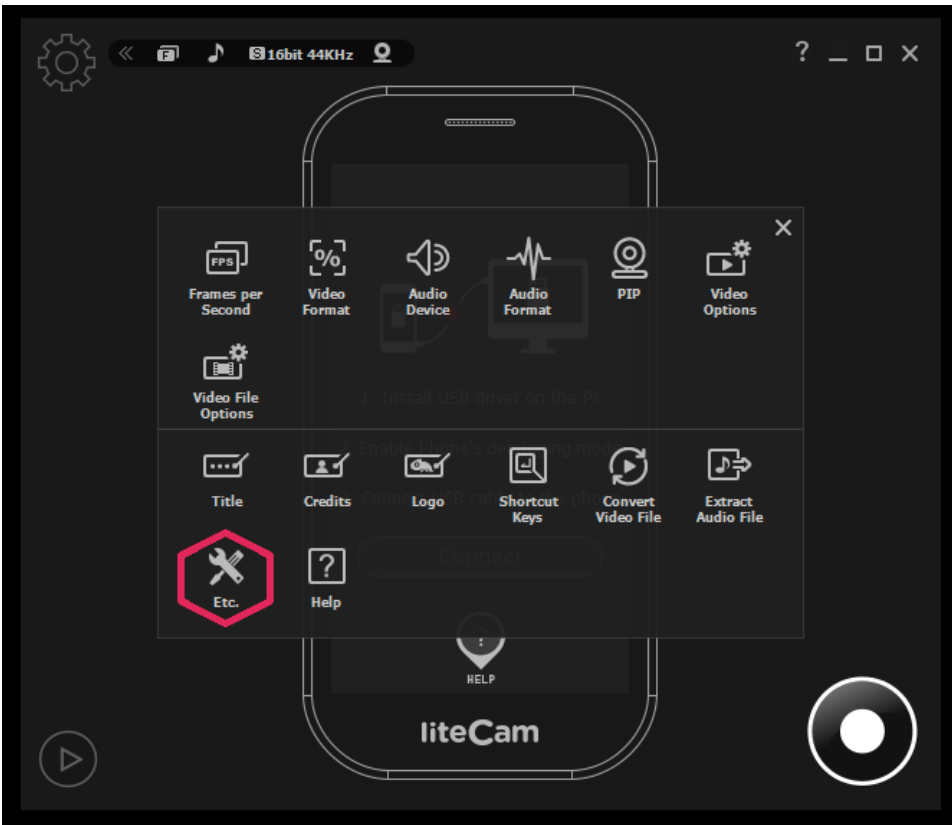
Also, this folder can be changed

2. Options of Recording Window

Other options of recording windows are;

- Highlight Recording Area: This means that the selected area to be recorded or when recording will be highlighted.
- Blinking Recording Area: When recording you can choose the recording window blinks
- Run Preview after recording: choose to open the preview window as soon the recording ends





Help

Help window is very useful feature for liteCam Android.

It provide all the information about the liteCam Android.

- Online guide: liteCam Android user manual available online
- FAQ: Solution to frequently experienced issues
- Contact us: our email contact to liteCam Android support and sales team
- System info: you computer system information. Very useful when you are experiencing issues with liteCam Android
- Auto update: No need to re-install liteCam Android as previous. When there is new version it will just update itself. As long as you click "Auto Update"
- Register Product
- About liteCam: all the information about liteCam Android like license code, license type, liteCam Android version, Product name etc

