Install DJI GO on an Android Tablet or Phone (Step-by-Step Guide)

Overview

DJI GO is a resource hungry application, so it's best to ensure your Android tablet or phone is set up properly and optimized for speed. While it helps to use one of the commonly used Android tablets or phones *(see **this list**)*, the Android mobile device you own might work just fine if configured properly. Follow the tips below to configure your Android device and install DJI GO.

> **Note**: The screenshots found below were taken on an **Huawei Ascend XT2**. Depending on the version of Android OS that's installed on your mobile device or the skin the manufacturer installed, your screens might look a little bit different.

Increase the Speed of Your Android Tablet or Phone

Before installing DJI GO, follow these steps to increase the performance of your mobile device and ensure all available resources are accessible:

1) Remove the Mobile Device SIM Card

If your mobile device has a SIM card installed and you're not planning on activating the cellular service, you can remove the SIM card to prevent the mobile device from attempting to access it. Make sure your mobile device is powered off before attempting to remove the SIM card *(so you don't damage it)*.

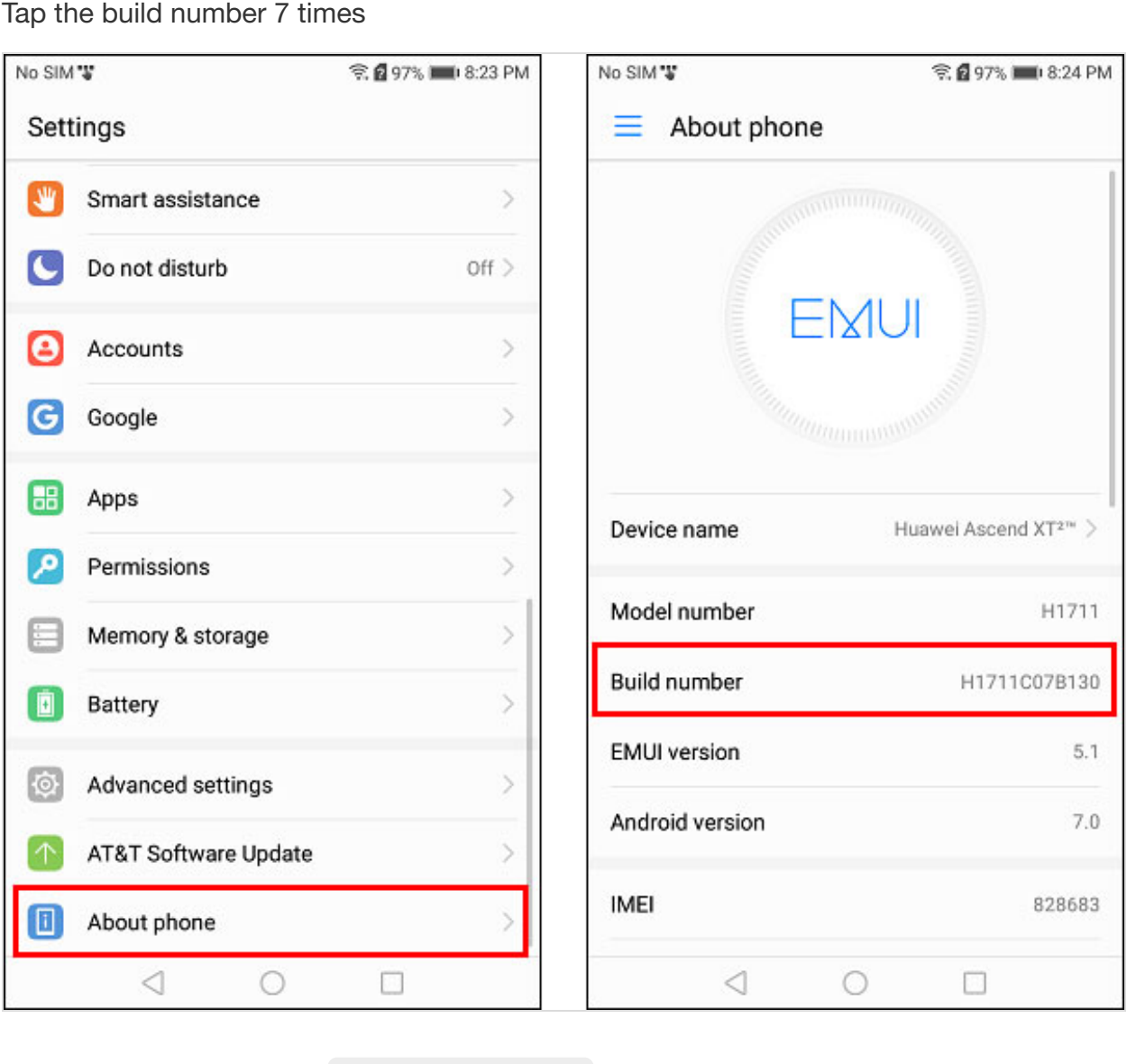
> **Note**: If you're not sure how to remove the SIM card, see your mobile device's instruction manual or look for instructions in **these Google search results**.

2) Enable Developer Mode

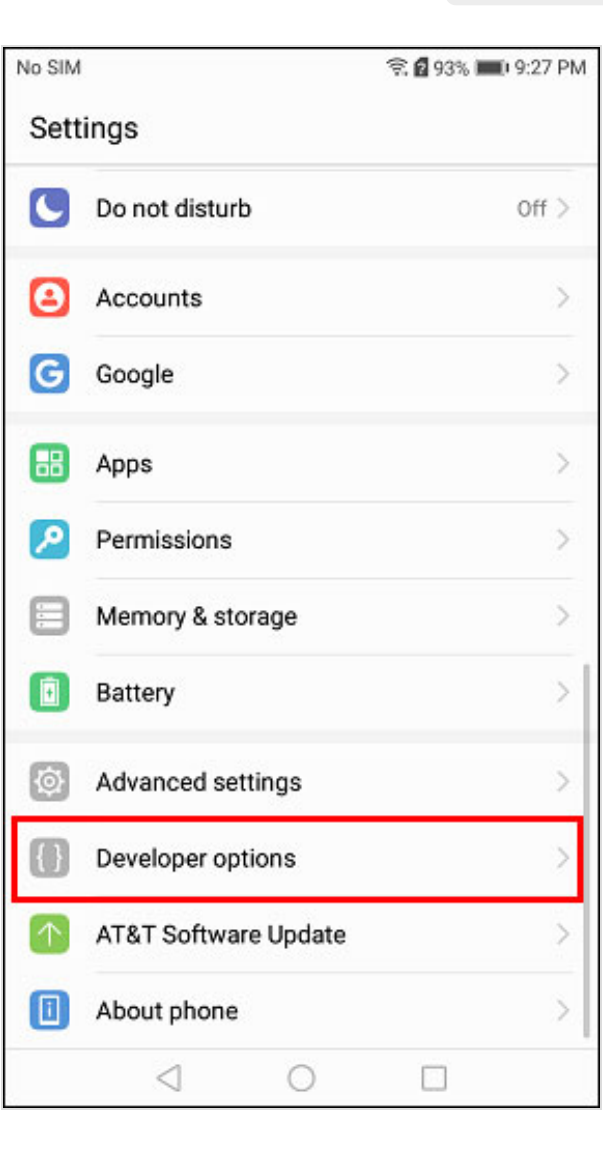
You can access hidden settings on your mobile device by enabling developer mode. These hidden settings can be used to fine tune the way your mobile device works.

Follow these steps to enable developer mode:

- Tap the launcher button on the home screen and tap `Settings` to open the Android device settings
- Tap `About device/phone/tablet` in the Settings menu
- Tap the build number 7 times


Settings
Smart assistance
Do not disturb Off
Accounts
Google
Apps
Permissions
Memory & storage
Battery
Advanced settings
AT&T Software Update
About phone
About phone
EMUI
Device name Huawei Ascend XT2™
Model number H1711
Build number H1711C078130
EMUI version 5.1
Android version 7.0
IMEI 828683

Once enabled, you'll see a new `Developer options` item in the Settings.

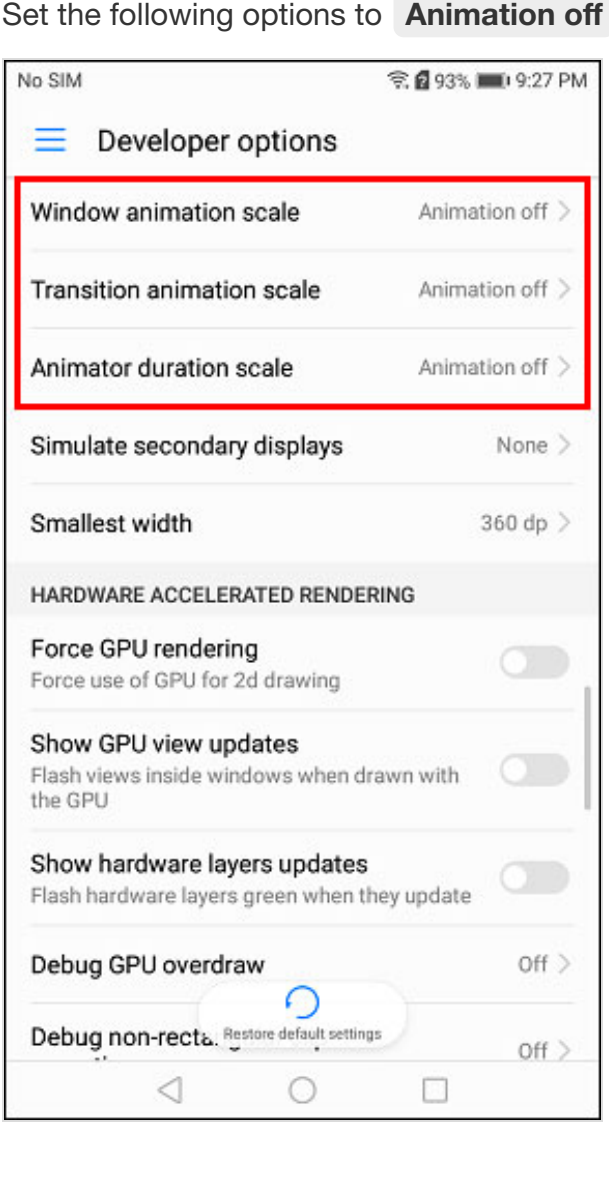

Settings
Do not disturb Off
Accounts
Google
Apps
Permissions
Memory & storage
Battery
Advanced settings
Developer options
AT&T Software Update
About phone

3) Turn Off Animation Settings

By disabling the display animations, you'll be able to decrease the time it takes to navigate through the apps, windows, and menus on your mobile device.

Follow these steps to disable all display animations:

- Tap the launcher button on the home screen and tap `Settings` to open the Android device settings
- Tap `Developer options` in the Settings menu
- Set the following options to `Animation off` :

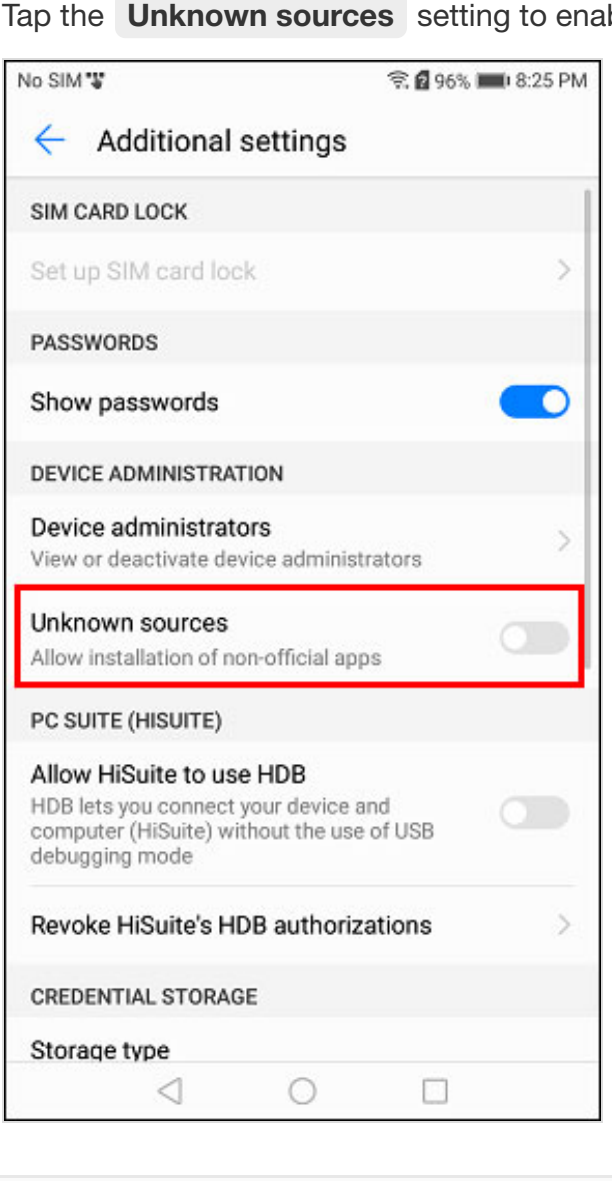

Developer options
Window animation scale Animation off
Transition animation scale Animation off
Animator duration scale Animation off
Simulate secondary displays None
Smallest width 360 dp
HARDWARE ACCELERATED RENDERING
Force GPU rendering
Show GPU view updates
Show hardware layers updates
Debug GPU overdraw Off

4) Enable Unknown Sources

By default, you'll only be able to install apps from the Google Play Store. By enabling the unknown sources setting, you'll also be able to install apps by downloading and opening an APK file. This is handy when you need to install an old version of an app *(or install apps that aren't available in the Google Play Store)*.

Follow these steps to allow apps to be installed from unknown sources:

- Tap the launcher button on the home screen and tap `Settings` to open the Android device settings
- Tap `Security & privacy` --> `Additional settings` in the Settings menu
- Tap the `Unknown sources` setting to enable it


Additional settings
SIM CARD LOCK
PASSWORDS
Show passwords
DEVICE ADMINISTRATION
Device administrators
Unknown sources
Allow installation of non-official apps
PC SUITE (HISUITE)
Allow HiSuite to use HDB
Revoke HiSuite's HDB authorizations
CREDENTIAL STORAGE
Storage type

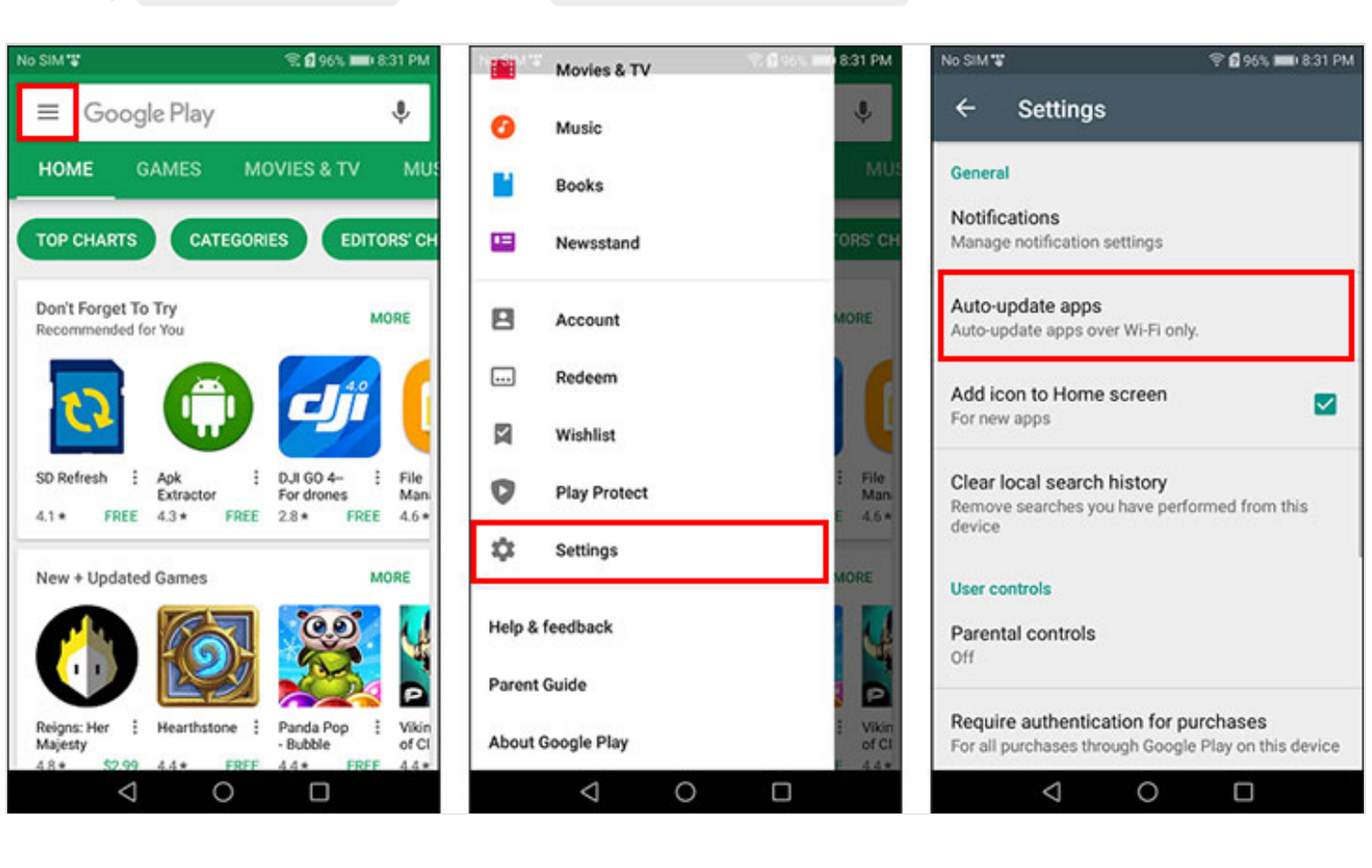
> **Note**: You can download old APK files for DJI GO, DJI GO 4, and other apps from websites like **APKPure** and **APKMirror**. Old versions of DJI GO *(version 3)* can be downloaded **here**. Old versions of DJI GO 4 can be downloaded **here**.

5) Disable App Auto Updates

By default, the Google Play Store is setup to automatically install updates for your installed apps. You can free up resources on your mobile device by disabling this background activity. Also, it'll allow you to manually choose when and which apps you'd like to update *(which is handy in cases where you want to run an older version of an app)*.

Follow these steps to disable Google Play Store auto updates:

- Tap the launcher button on the home screen and tap `Play Store` to open the Google Play Store app
- Tap the menu at the top, left of the Google Play Store app
- Tap `Settings`
- Tap `Auto-update apps` and select `Do not auto-update apps`

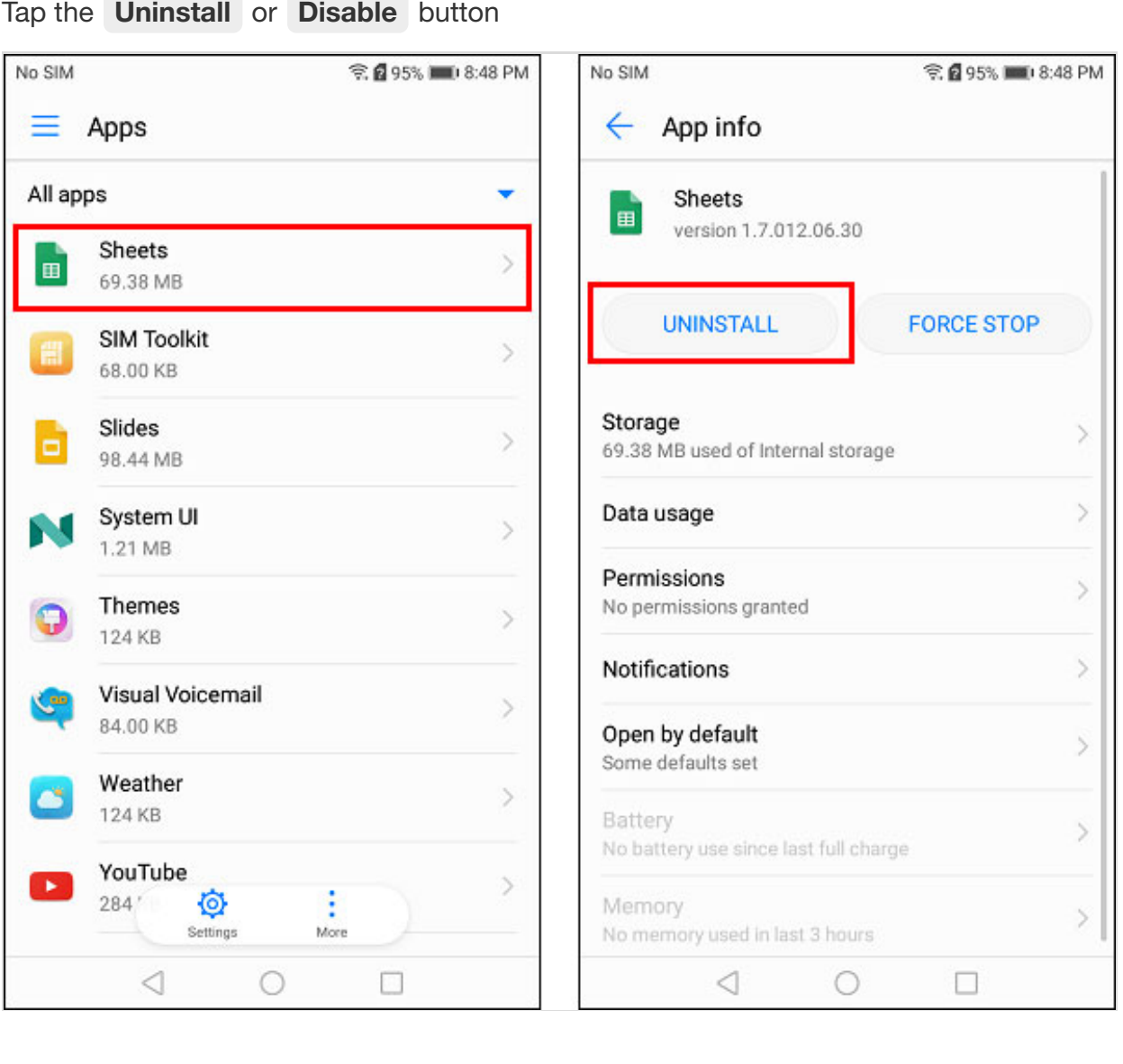

Google Play
Music
Books
Newsstand
Account
Redeem
Wishlist
Play Protect
Settings
Help & feedback
Parent Guide
About Google Play
Settings
General
Notifications
Auto-update apps
Auto-update apps over Wi-Fi only
Add icon to Home screen
Clear local search history
User controls
Parental controls
Require authentication for purchases

6) Uninstall or Disable Unused Apps

Out of the box, your mobile device will likely be packed with apps that you aren't ever going to use. You can uninstall or disable those apps to free up storage space and resources on your mobile device.

Follow these steps to uninstall or disable an app:

- Tap the launcher button on the home screen and tap `Settings`
- Tap `Apps` in the Settings menu
- Scroll down through the list of installed apps until you find the app you'd like to remove or disable
- Tap the `Uninstall` or `Disable` button


Apps
All apps
Sheets
SIM Toolkit
Slides
System UI
Themes
Visual Voicemail
Weather
YouTube
App info
Sheets
UNINSTALL
FORCE STOP
Storage
Data usage
Permissions
Notifications
Open by default
Battery
Memory

> **Note**: Some of the apps are system apps and cannot be uninstalled *(unless you root your mobile device)*. If an app cannot be uninstalled, you'll see a `Disable` button instead of an `Uninstall` button.

7) Disable App Notifications

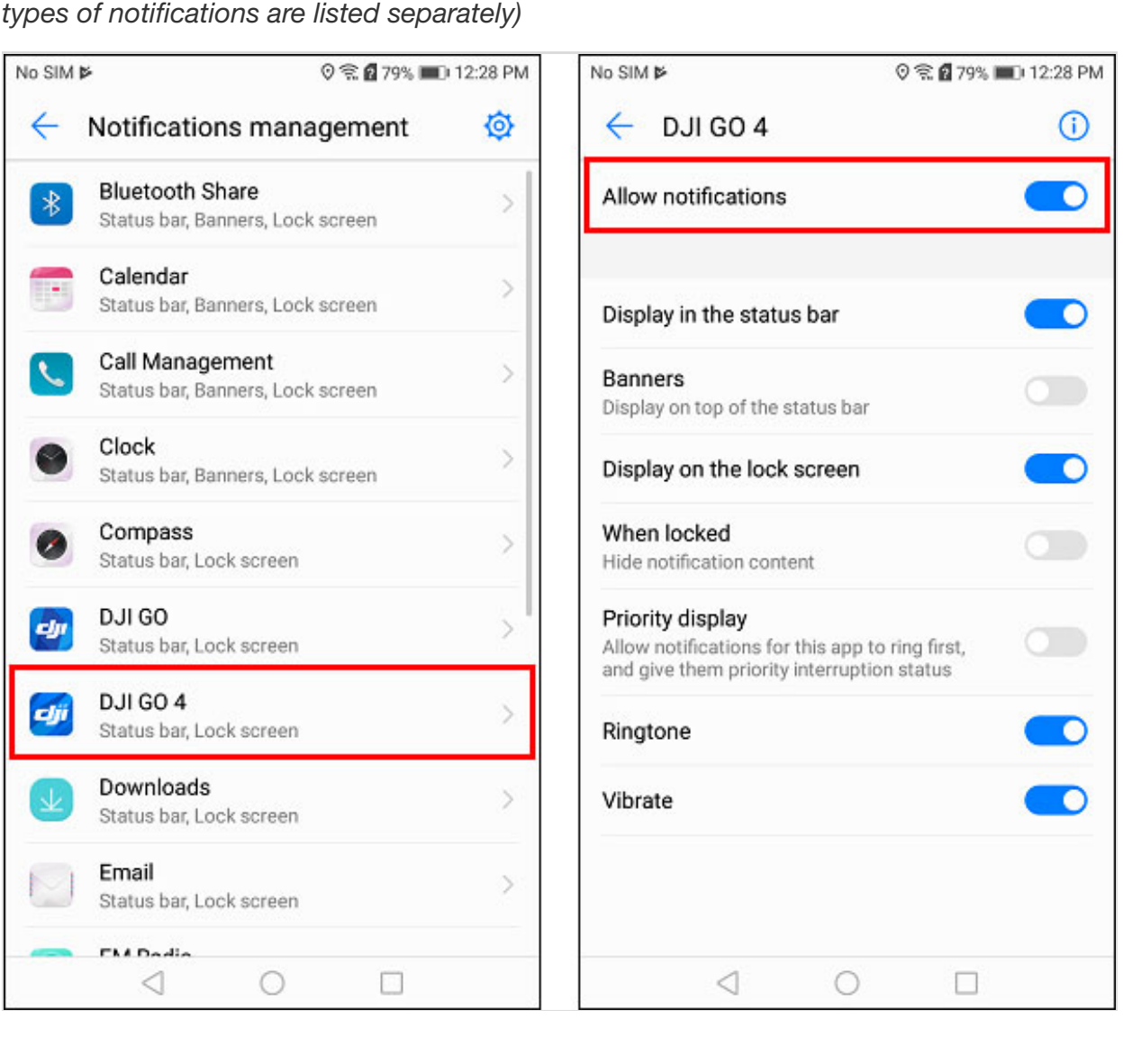
By default, apps you install will be setup to display notifications when certain events occurs *(like when a new app update is available)*. You can disable some or all of those notifications for each app individually.

Follow these steps to adjust the notifications for an app:

- Tap the launcher button on the home screen and tap `Settings`
- Tap `Notifications & status bar` or `Sound & notification` in the Settings menu
- Tap `Notifications management` or `App notifications`

  > **Note**: The names of these menu items might be a little bit different depending on which mobile device you're using.

- Scroll down through the list of installed apps until you find the app you'd like to edit
- Disable the `Allow notifications` setting or turn off the notifications you'd like to ignore *(if the different types of notifications are listed separately)*

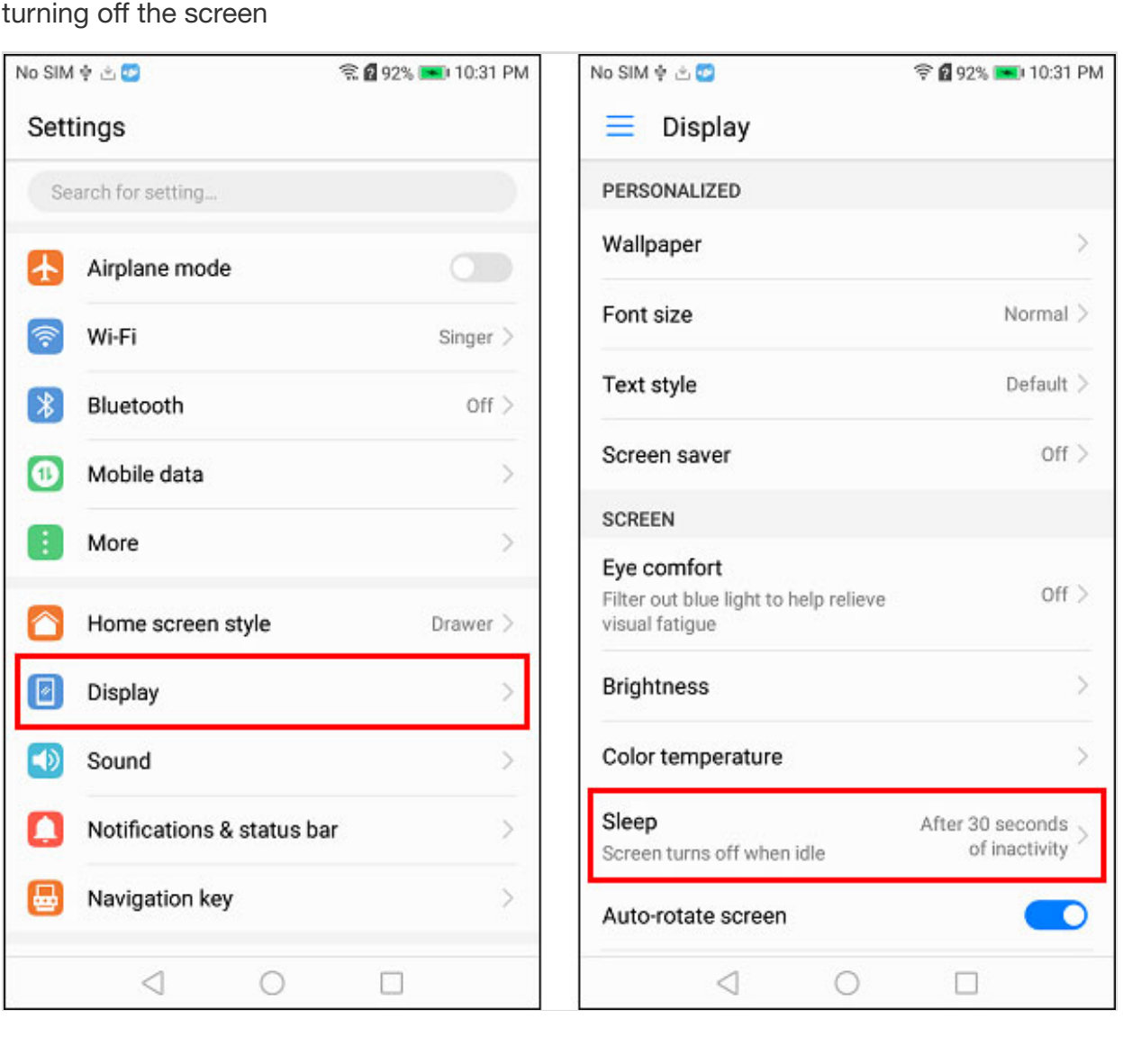

Notifications management
Bluetooth Share
Calendar
Call Management
Clock
Compass
DJI GO
DJI GO 4
Downloads
Email
DJI GO 4
Allow notifications
Display in the status bar
Banners
Display on the lock screen
When locked
Priority display
Ringtone
Vibrate

8) Increase Display Sleep Time

By default, the screen of your mobile device will shut off pretty quickly in order to conserve battery power when your mobile device is idle. If that becomes counterproductive, you can increase the idle time so you don't have to keep pressing the power button to turn the screen back on after the idle time has been reached.

Follow these steps to adjust the display sleep time:

- Tap the launcher button on the home screen and tap `Settings`
- Tap `Display` in the Settings menu
- Tap the `Sleep` setting and choose the time period you'd like your mobile device to wait before turning off the screen


Settings
Airplane mode
Wi-Fi
Bluetooth
Mobile data
More
Home screen style
Display
Sound
Notifications & status bar
Navigation key
Display
PERSONALIZED
Wallpaper
Font size
Text style
Screen saver
SCREEN
Eye comfort
Brightness
Color temperature
Sleep After 30 seconds of inactivity
Auto-rotate screen

Installing DJI GO on an Android Tablet or Phone

Follow these steps to install and configure DJI GO on an Android tablet or phone:

1) Install Current Version of DJI GO

> **Note**: This step should be completed even if you want to use an old version of DJI GO. If you skip this step and jump right to installing the old version of DJI GO, you might find that it does not function as expected.

Install DJI GO from the Google Play Store. If flying a Phantom 3, you should install `DJI GO` *(version 3)*. If flying a Phantom 4, Mavic, or Spark, you should install `DJI GO 4` *(version 4)*.

2) Run DJI GO

Start DJI GO to allow it to initialize and download any needed resources.

3) Downgrade DJI GO

> **Note**: This step is only necessary if you're running an old/slow mobile device that is not able to run the current version of DJI GO. Skip this step if you'd like to use the current version of DJI GO.

Follow these steps to downgrade DJI GO to an older version:

- Tap the launcher button on the home screen and tap `Settings`
- Tap `Apps` in the Settings menu
- Tap `DJI GO` or `DJI GO 4` in the list of installed apps
- Tap the `Uninstall` button to uninstall DJI GO
- Download the DJI GO APK for the version of DJI GO you'd like to use from **APKPure** or **APKMirror**. Old versions of DJI GO *(version 3)* can be downloaded **here**. Old versions of DJI GO 4 *(version 4)* can be downloaded **here**.
- Use the file manager app on your mobile device *(or install **File Manager** from the Google Play Store)* to locate the downloaded APK file and tap it to install it
- Start DJI GO to allow it to initialize and download any needed resources

> **Note**: DJI GO 4.2.16 is currently a stable version that runs well on most Android devices.

3) Configure These Settings to Improve DJI GO Performance

- Set the `Image Transmission Mode` setting to `Regular Mode` to allow the live video feed to be transmitted in lower quality *(allowing for a smoother live video feed)*.

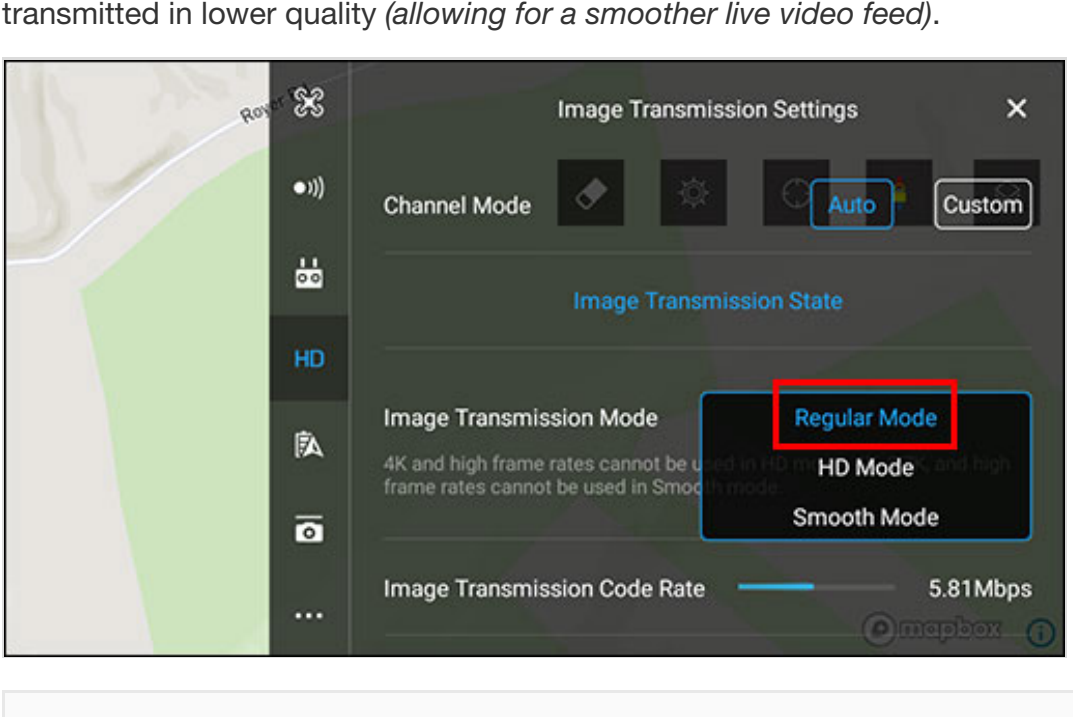
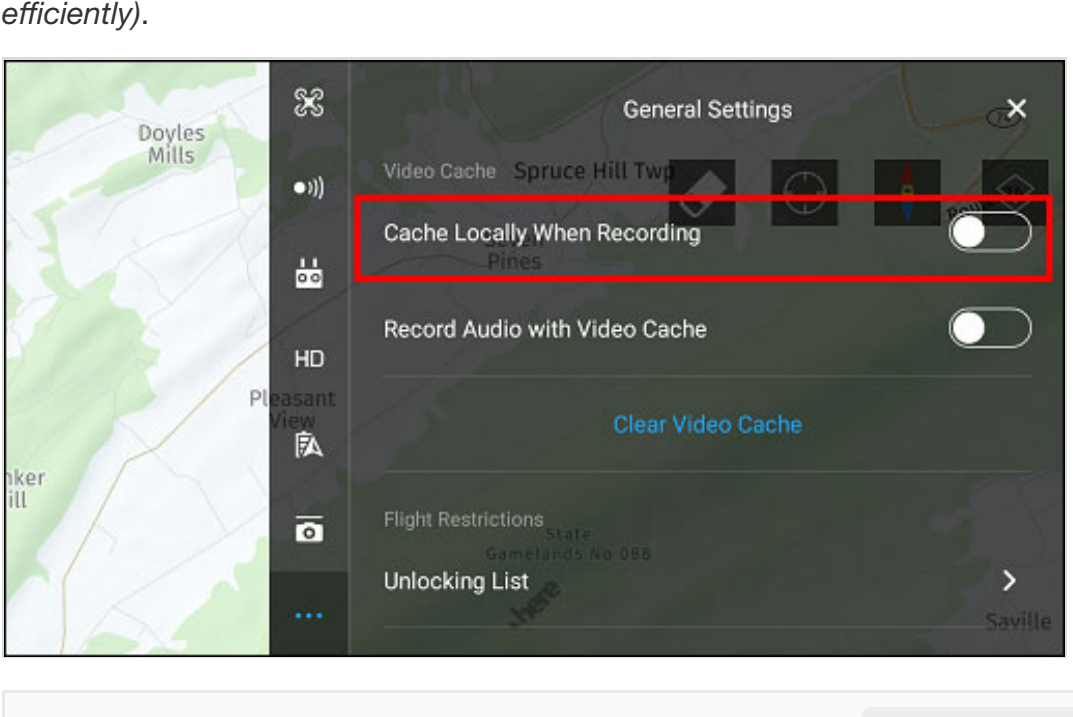


Image Transmission Settings
Channel Mode
Auto
Custom
Image Transmission State
Image Transmission Mode
Regular Mode
HD Mode
Smooth Mode
Image Transmission Code Rate
5.81Mbps

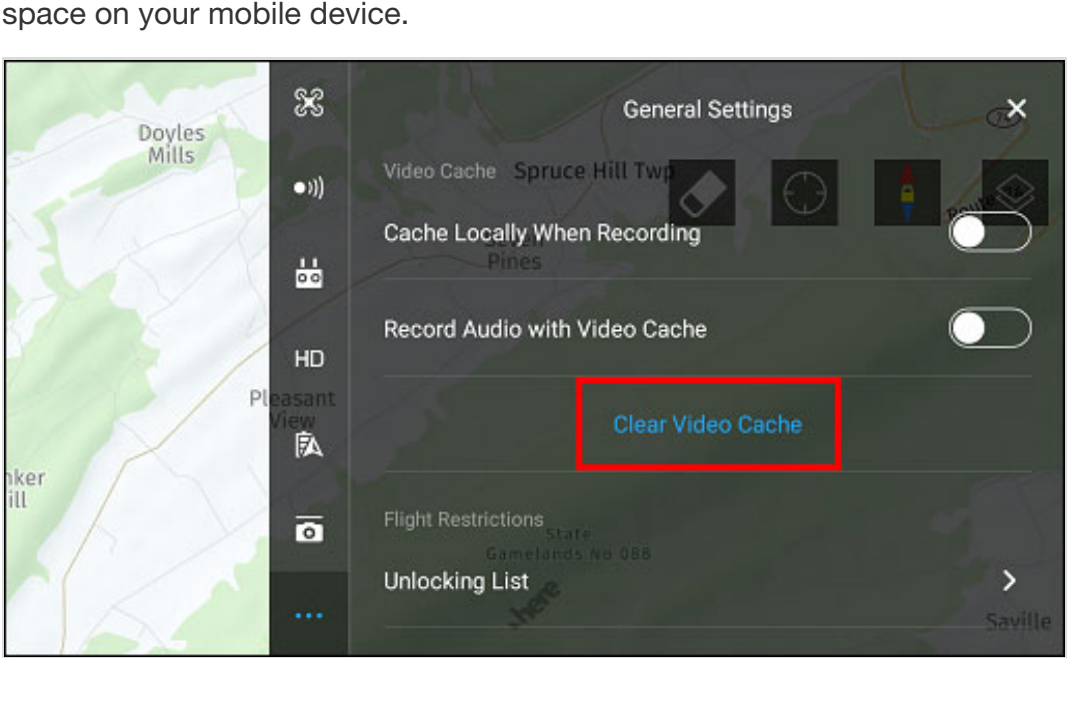
> **Note**: This setting might not be available depending on which DJI drone you're flying.

- Disable the `Cache Locally When Recording` setting. With this setting disabled, DJI GO will not save a low quality version of the recorded video on your mobile device *(which will allow DJI GO to run more efficiently)*.

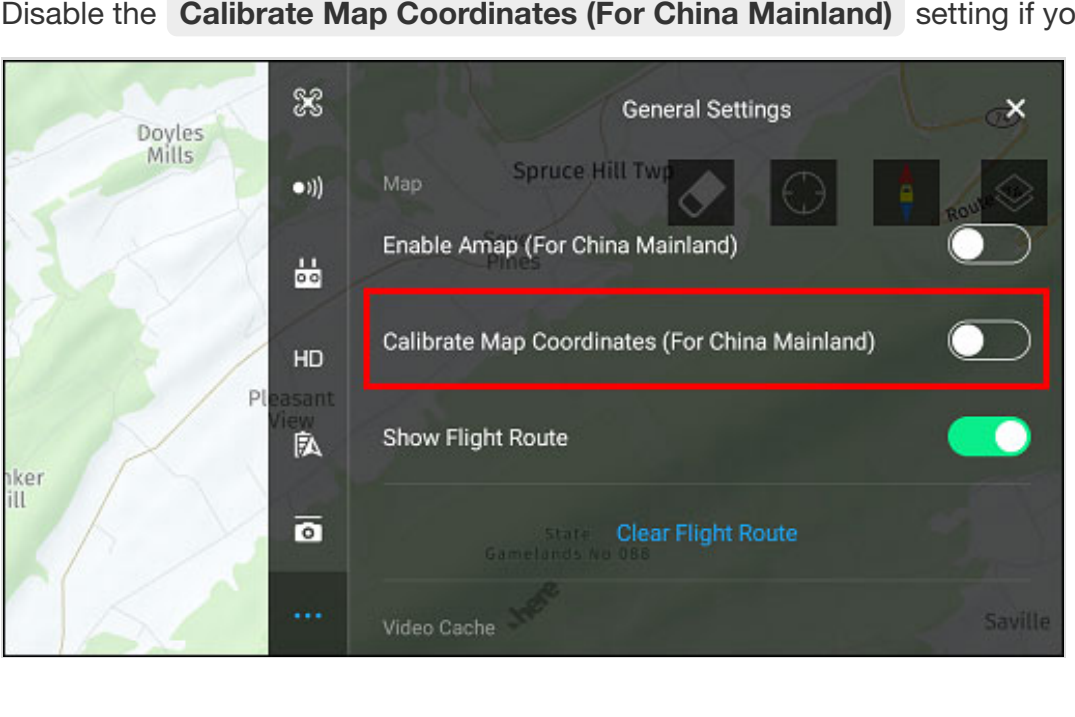

General Settings
Video Cache
Cache Locally When Recording
Record Audio with Video Cache
Clear Video Cache
Flight Restrictions
Unlocking List

> **Note**: If you're flying a DJI Spark, this setting will be named `Cache to SD Card` .

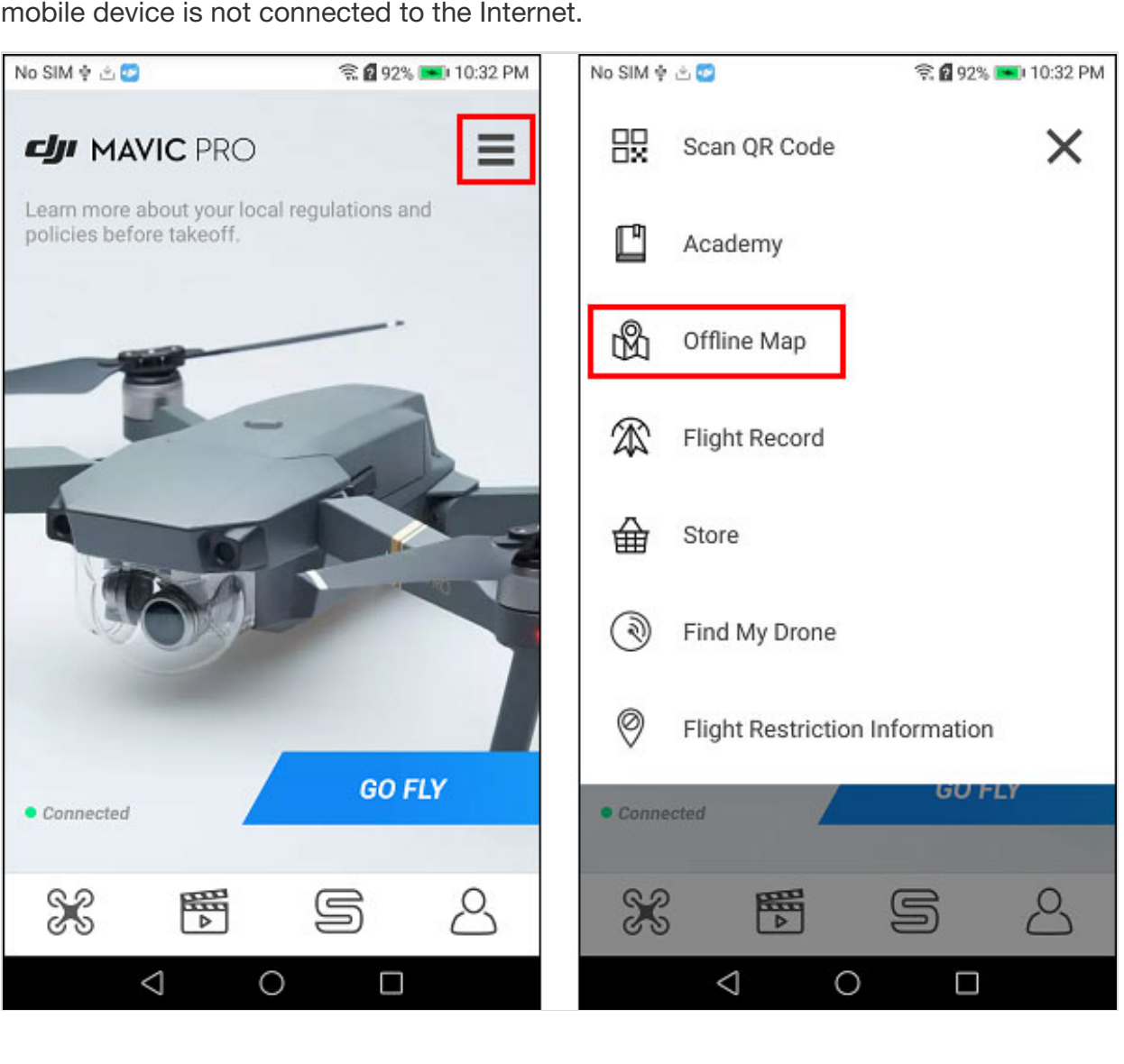
- If you were previously caching the recorded video locally, then clear the video cache to free up storage space on your mobile device.


General Settings
Video Cache
Cache Locally When Recording
Record Audio with Video Cache
Clear Video Cache
Flight Restrictions
Unlocking List

- Disable the `Calibrate Map Coordinates (For China Mainland)` setting if you're not flying in China.


General Settings
Map
Enable Amap (For China Mainland)
Calibrate Map Coordinates (For China Mainland)
Show Flight Route
Clear Flight Route
Video Cache

- Use the `Offline Map` feature to download and store the DJI GO maps locally on your mobile device for the locations where you fly. That'll ensure the maps are always available during times when your mobile device is not connected to the Internet.

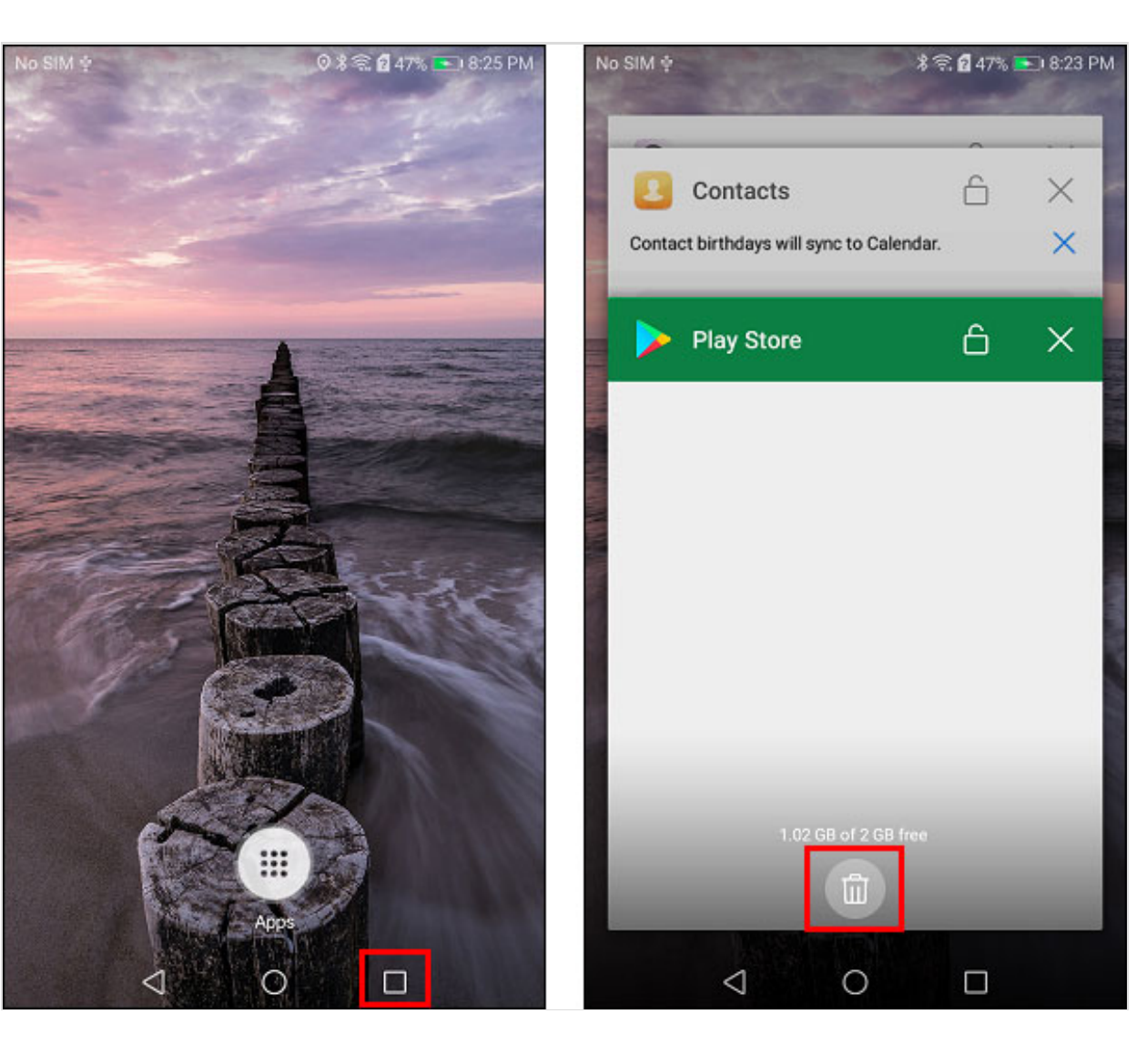

MAVIC PRO
Learn more about your local regulations and policies before takeoff.
GO FLY
Connected
Scan QR Code
Academy
Offline Map
Flight Record
Store
Find My Drone
Flight Restriction Information

> **Note**: The `Offline Map` feature is not available in some versions of DJI GO *(like DJI GO 4.1.18)*. If you're using a version of DJI GO that does not include the Offline Map feature, then install an older version of DJI GO *(like DJI GO 4.1.15)*, cache the maps with the Offline Map feature, and then reinstall the newer version of DJI GO you were previously using. If you know you're using a version of DJI GO that includes this feature and it's not displaying in the menu shown in the above screenshot, then try restarting DJI GO.

Do These Things Before Every Flight

1) Close Down All Running Apps

Before starting DJI GO, tap the square button at the bottom of the screen to view a list of running apps and click the trashcan button to shut down all running apps *(or swipe right or left to close each app one-by-one)*.

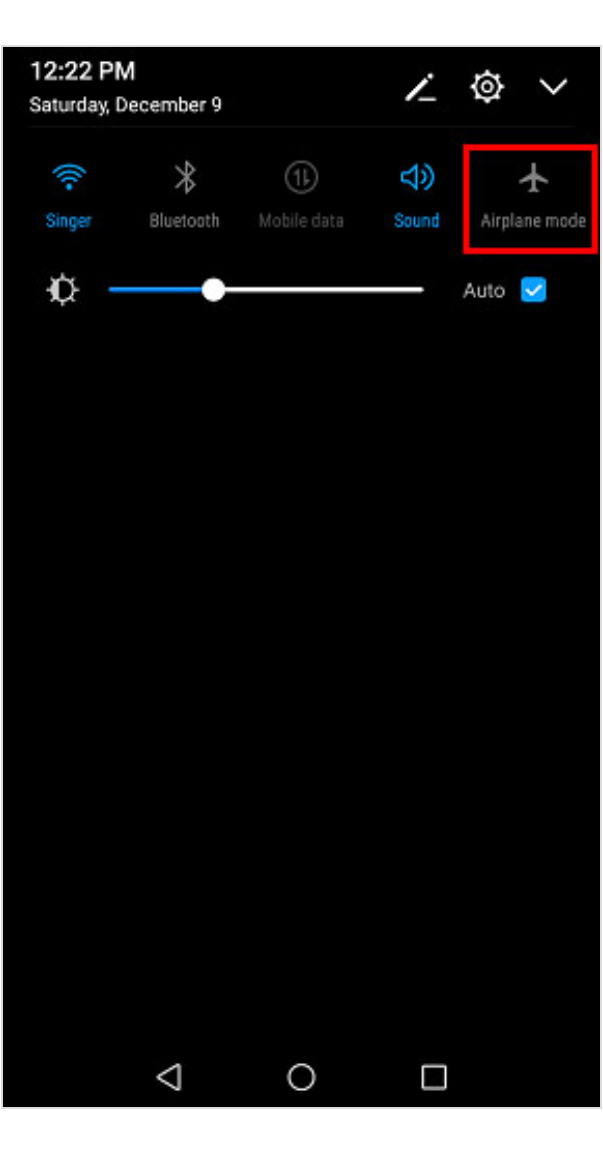

Apps
Contacts
Contact birthdays will sync to Calendar.
Play Store
1.02 GB of 2 GB free

2) Disable Screen Recorder

Unless you're sure your mobile device will perform well while running both DJI GO and a screen recorder, you should not record the screen while flying. If having a screen recording of your flight is a must-have, then make sure you choose one of the more powerful Android mobile devices.

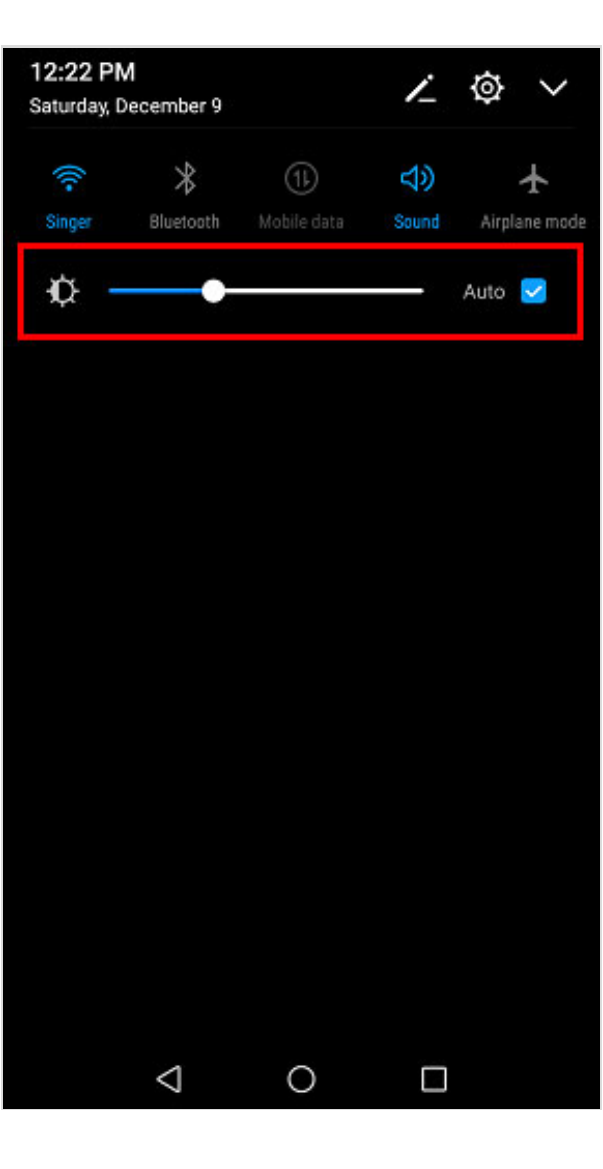
3) Enable Airplane Mode

Swipe down from the top of your mobile device screen and enable airplane mode. That will allow you to easily disable all wireless connections *(Bluetooth, Cellular Service, and Wi-Fi)* while flying. If your flight requires Wi-Fi, you can turn on Wi-Fi separately after enabling airplane mode.


12:22 PM
Saturday, December 9
Singer
Bluetooth
Mobile data
Sound
Airplane mode
Auto

4) Maximize Screen Brightness

When flying outdoors, it'll be easiest to your mobile device screen when the brightness is on the maximum setting. Swipe down from the top of your mobile device screen, uncheck the "Auto" checkbox *(if visible)*, and slide the brightness slider to the far right to maximize the screen brightness.

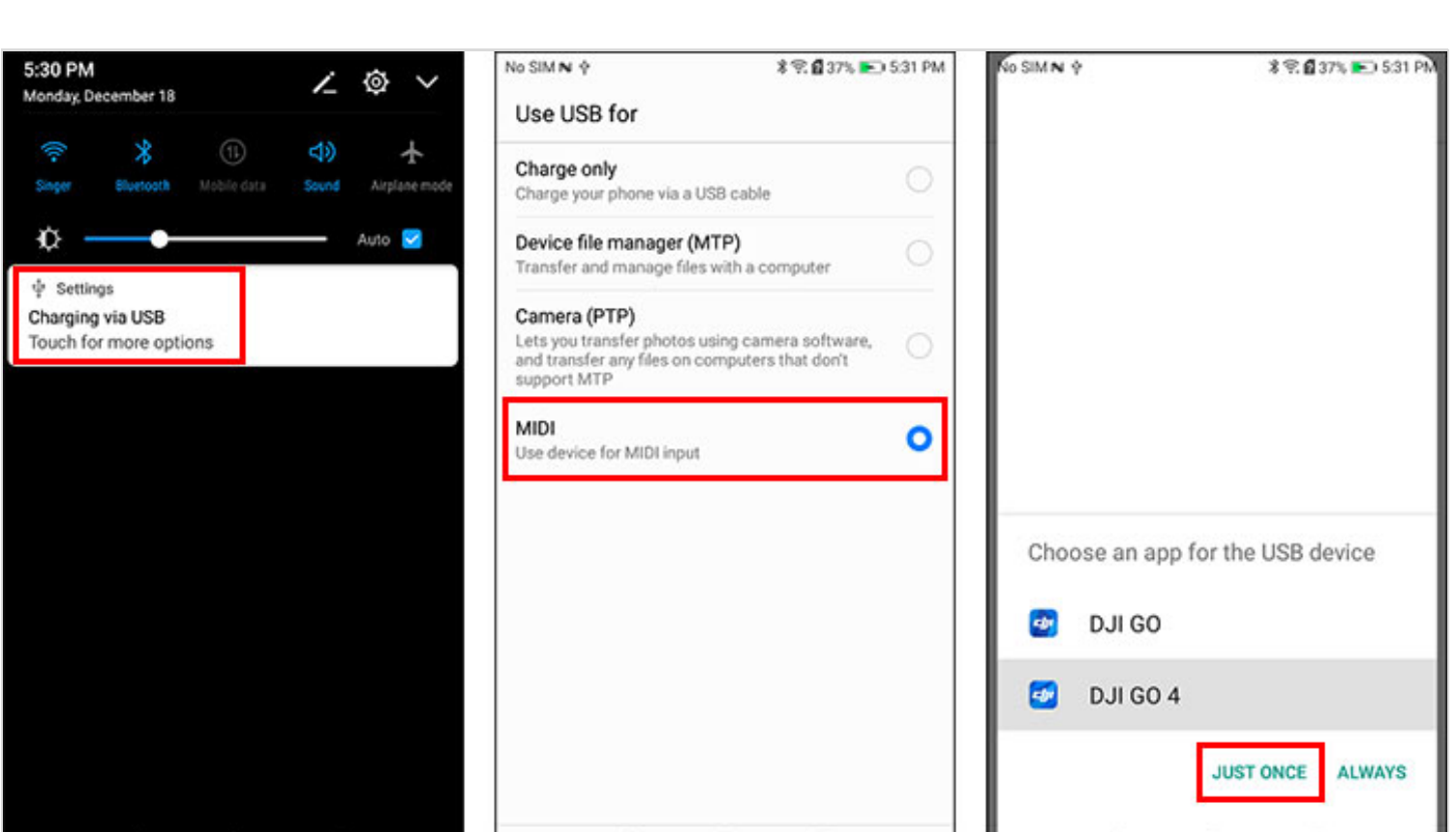

12:22 PM
Saturday, December 9
Singer
Bluetooth
Mobile data
Sound
Airplane mode
Auto

5) Turn Up the Volume

Turn the volume up using the volume button on the right side of your mobile device. This will ensure that you won't miss important events that occur in DJI GO *(like when the home point is marked)*.

6) Configure USB Port Settings

If your mobile device is connected to the remote controller via a USB cable, you should choose the following selections after connecting the USB cable to your mobile device:


5:30 PM
Monday, December 18
Settings
Charging via USB
Touch for more options
Use USB for
Charge only
Device file manager (MTP)
Camera (PTP)
MIDI
Use device for MIDI input
Choose an app for the USB device
DJI GO
DJI GO 4
JUST ONCE
ALWAYS