

SPY App Detector using 'The Stealth Stick'



Please see YouTube video with this documents



<https://youtu.be/o68Czb41BME>

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What does the SPY App need to eavesdrop on?

<https://youtu.be/7rWQQsckLRM>

Hackers must have a wireless connection to remote access.



Various wireless connections are required for remote access

The basic concept to detect SPY App do eavesdropping

Checking wireless communication status !



Suspicious symptoms

Smartphone worms up(or hot)

Reduced battery duration

Data usage increases

We can check

Whether or not, if the wireless transmission is continuously carried out on a smartphone that is not in use.

When will the smartphone be wirelessly connected?

First, let's find out what normal wireless connections are.



Phone Call

- 3G, 4G, 5G mobile network



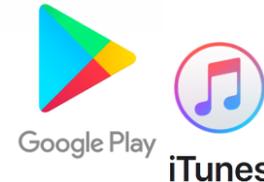
Web Service

- 3G, 4G, 5G, Wi-Fi network



SNS Service

- 3G, 4G, 5G, Wi-Fi network



Back-up & Upgrade

- 3G, 4G, 5G, Wi-Fi network
- foreground or *Background operation



Cloud Service

- 3G, 4G, 5G, Wi-Fi network
- foreground or *Background operation

***Background operation** means,
Keep users unaware of the progress

Radio Transmission for Wireless Access & suspecting SPY app

Then, Understand how to emit radio waves & suspect SPY app



Strength of Radio Emission

- The transmission power is stronger than the reception nearby the smartphone.

Pattern of Radio Emission from smartphone to network

- Continuous Radio Emission : phone call, AV call, file upload etc.
- Discontinuous Radio Emission: Streaming, chatting, download etc.

****Eavesdropping by SPY App, is like as AV call, it needs continuous radio emission.***

****Viewing message by SPY App, is like as chatting, it needs discontinuous radio emission.***

***If there's a continuous radio emission that you don't recognize
You can suspect there's a spy app.***

Using The Stealth Stick, suspect SPY app

The Stealth Stick has 4 level sensitivity,

High sensitivity can sense weak radio emission signals in a room area.

Low sensitivity can detect signals strongly next to objects that emit radio waves.

Level	1	2	3	4
Display				
Detect Range	Min	→		Max
Detect Area	Proximity (Point)	→		Room (wide)
Search order	4	3	2	1



Using The Stealth Stick, suspect SPY app

Step 1. Find the inside antenna location of your smartphone

- A. *Select Wi-Fi(or mobile data network) of Smartphone*
- B. *Turn on a service(watch YouTube, best one is AV call of a messenger App)*
- C. *Set The Stealth Stick sensitivity level 3*
(Set level 2 when it beeps when you are only holding it in your hand.)

Using The Stealth Stick, suspect SPY app

Step 1. Find the inside antenna location of your smartphone

- D. Using The Stealth Stick, sweep your smartphone all side*
- E. Sweep around your smartphone to find the place where beep sounds occur most frequently. There is an antenna, please remember it.*

✘ Antenna location of Wi-Fi & Mobile network may not same. Therefore, turn on the Wi-Fi and test once, turn off Wi-Fi again, and use the mobile network only to find each location.

Using The Stealth Stick, suspect SPY app

Step 2. Check and suspect SPY apps that might be working inside your smartphone

- A. Place the smartphone in the appropriate position with no service running.**
- B. Turn on The Stealth Stick & set sensitivity level 2 or 1**
- C. Put The Stealth Stick next to the location of the smartphone's antenna.(Wi-Fi or Mobile network)**

Using The Stealth Stick, suspect SPY app

Step 2. Check and suspect SPY apps that might be working inside your smartphone

D. Hear the beep sound of The Stealth Stick

- *Beep sparsely: normal status*
- *Beep rapidly: suspicious status*

✂ It is better to take frequent or non-periodic tests rather than one-time tests.

It's because we don't know when the hacker will do eavesdropping

Confirming & Removing SPY App

✘ In fact, there are many SPY programs those are not detected by the vaccine programs, but we recommend you to proceed with this test in parallel.

✘ This test should be carried out several times, and it is not a software test that 100% sure has SPY app., but a suspected existence situation is found, so the follow-up action should be carried out by your own judgment.

There is only one solution to remove SPY app is

- Back up your files, pictures & contacts etc.***
- 'FACTORY INITIALIZING' of your smartphone***