

# Ears and Eyes

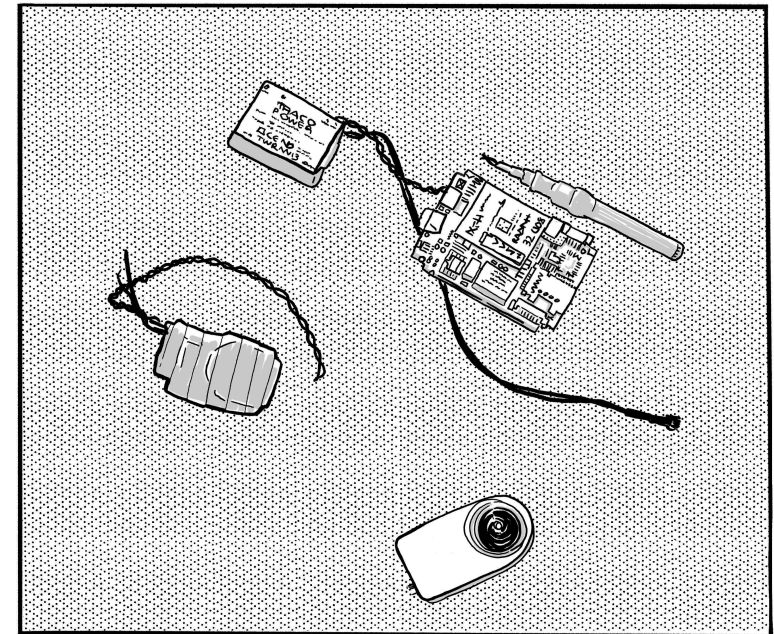
Without Pictures

*Ears and Eyes* is a searchable database of cases of physical surveillance devices (microphones, cameras, location trackers...) hidden by law enforcement and intelligence agencies to surveil people or groups engaged in subversive activities.



No Trace Project / No trace, no case. A collection of tools to help anarchists and other rebels **understand** the capabilities of their enemies, **undermine** surveillance efforts, and ultimately **act** without getting caught.

Depending on your context, possession of certain documents may be criminalized or attract unwanted attention—be careful about what zines you print and where you store them.



# Contribute to Ears and Eyes

## Contact

Do you know a case that is missing from our database? Would you like to edit one that is currently listed? To contribute to Ears and Eyes, whether through additions, improvements, criticism or feedback, get in touch with us:

**[notrace@autistici.org](mailto:notrace@autistici.org)** (PGP<sup>21</sup>)

## Translations

To translate Ears and Eyes to a new language or improve an existing translation, see this page.<sup>22</sup>

### Ears and Eyes, Without Pictures

#### Original text in English

No Trace Project

[notrace.how/earsandeyes](https://notrace.how/earsandeyes)

Pictures of the devices are not included in this zine—they can be found on the website.

March 3, 2025

A summary of updates since this date is available at:  
[notrace.how/earsandeyes/changelog.html](https://notrace.how/earsandeyes/changelog.html)

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<sup>21</sup><https://notrace.how/notrace.asc>

<sup>22</sup><https://notrace.how/translations.html>

# Unknown country

## Other

### *Unknown location, March 2018*

A **surveillance device** was found **inside the desktop phone** of a journalist seemingly targeted for their support to the news organization Wikileaks. The phone, a “Cryptophone” based on the “Snom 870” desktop phone, enabled encrypted voice communications with other Cryptophones. The surveillance device included a battery pack and a shielded module with several electronic components. It was able to record what was said on the phone and could be triggered remotely through radio frequencies to send the recorded data. Components of the phone were modified to install the surveillance device. The device was probably installed by the CIA (Central Intelligence Agency).

#### SOURCES

[https://media.ccc.de/v/rc3-11512-cia\\_vs\\_wikileaks](https://media.ccc.de/v/rc3-11512-cia_vs_wikileaks)

<https://web.archive.org/https://buggedplanet.info/lost+found/20180323>

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<https://youtube.com/watch?v=rnzBY5ZctZ8>

## ***American Midwest, July 2023***

A **tracking device** was found under the car of someone who had been arrested two days earlier on an outstanding warrant. It was **attached under the rear axle of the car with strong magnets**. The device included a battery, a cellular antenna and a SIM card.

### SOURCES

<https://itsgoingdown.org/michigan-activist-finds-gps-trackers>

## SOURCES

<https://web.archive.org/web/20080331015835/http://www.infoshop.org/inews/article.php?story=20080207224512963&query=cincinnati>

### *California, October 2010*

A **GPS tracker** was found on a car. It was **attached with a magnet**. Its model was “Orion Guardian ST820” and it included a transmitter and a battery pack.

The tracker was marketed by the company **Cobham**.

## SOURCES

[https://reddit.com/r/reddit.com/comments/dmh5s/does\\_this\\_mean\\_the\\_fbi\\_is\\_after\\_us](https://reddit.com/r/reddit.com/comments/dmh5s/does_this_mean_the_fbi_is_after_us)  
<https://wired.com/2010/10/fbi-tracking-device>

### *San Jose, California, 2011*

A **GPS tracker** was found on a car. Shortly after this first tracker was removed, a **second GPS tracker** was found on the same car. The first tracker was **attached with magnets to the wheel well of the car's spare tire**. It was in a fabric sleeve. The second tracker, of model “Sendum PT200”, was **attached with a magnet**. It included a 3.6 V lithium battery and was able to communicate on the mobile phone network.

The second tracker was marketed by the company **Sendum**.

## SOURCES

<https://wired.com/2011/11/gps-tracker-times-two>

### *Unknown location, 2014*

A **tracking device** was found on a truck. It was **attached with a magnet to the frame of the truck**.

## SOURCES

<https://copblock.org/76188/tacoma-copblockers-question-identity-of-electronic-device-found-on-truck>

# About Ears and Eyes

The *Ears and Eyes* project is a searchable database of cases of physical surveillance devices (microphones, cameras, location trackers...) hidden by law enforcement and intelligence agencies to surveil people or groups engaged in subversive activities. Our goal is to help the potential targets of such surveillance practices to better understand and resist them.

## Overview

This section provides a brief overview of the surveillance devices included in the database. It is intended to answer common questions you can have about such devices.

### *When are they installed?*



Microphones found inside a power outlet in a building in Bologna, Italy, in January 2018.<sup>1</sup>

<sup>1</sup><https://notrace.how/earsandeyes/#bologna-2018-01>

Hidden physical surveillance devices are typically used by law enforcement and intelligence agencies to obtain information about a target when traditional surveillance methods are insufficient. For example, if a suspect never talks about sensitive topics on the phone—making the monitoring of their phone useless—law enforcement may resort to installing a hidden microphone in the suspect's home, in the hope of capturing interesting conversations. In many countries, the installation of such devices is regulated by law and must be approved by a judge.

Devices are often installed for long-term surveillance, and may remain in place for weeks, months, or years before being removed or, in some cases, discovered by the people under surveillance. They can also be installed for short-term surveillance of specific events.

# United States

## Vehicles

### *Boulder, July 2003*

**GPS trackers** were found under three cars. They were **attached by powerful magnets behind the rear bumpers on the driver's side**. Each one contained a battery pack made of four lithium D cell batteries, a GPS antenna, a cellular antenna and a main component box. The component box contained a GPS receiver, a computer chip and a cellular modem. All the components were wired together. The trackers were probably installed by the FBI (Federal Bureau of Investigation).

#### SOURCES

<https://web.archive.org/web/20031027081256/http://www.infoshop.org/inews/stories.php?story=03/07/29/2752646>

<https://web.archive.org/web/20080214211120/dc.indymedia.org/newswire/display/77270>

### *Unknown location, 2005*

A **GPS tracker** was found under a car. It was located **under the car rear bumper**. It included a battery pack, a GPS antenna, a transmitter-receiver module and powerful magnets. It was installed by the FBI (Federal Bureau of Investigation).

#### SOURCES

<https://wired.com/2011/05/gps>

<https://wired.com/2011/05/gps-gallery>

### *Cincinnati, February 2008*

A **GPS tracker** was found under the car of Marius Mason. It was **attached to the car with magnets**.

audio by detecting the sound vibrations in the windows) from a building nearby.

- **A device capable of transmitting in real-time the information collected by the other devices** was installed.

The microphone inside the fire extinguisher was equipped with an SD card and a battery which was changed every twelve hours. The microphone in the bathroom was connected to the electrical system of the building. The devices were installed by the Spanish company Undercover Global, officially in charge of the security at the embassy. Their installation appeared to have been ordered by the CIA (Central Intelligence Agency).

#### SOURCES

[https://media.ccc.de/v/36c3-11247-technical\\_aspects\\_of\\_the\\_surveillance\\_in\\_and\\_around\\_the\\_ecuadorian\\_embassy\\_in\\_london](https://media.ccc.de/v/36c3-11247-technical_aspects_of_the_surveillance_in_and_around_the_ecuadorian_embassy_in_london)

## Other

### *Derry, Northern Ireland, February 2021*

A **listening device** was found outside. It was **disguised as a rock**. It contained two microphones.

#### SOURCES

<https://saoradh.irish/saoradh-nuacht/f/british-military-intelligence-listening-device-found-in-derry>

### *County Tyrone, Northern Ireland, May 2021*

**Three surveillance cameras** were found overlooking a restaurant. They were **buried in a hill** at a certain distance from the restaurant. They included a transmitter and a battery pack.

#### SOURCES

<https://irishnews.com/news/northernirelandnews/2021/05/24/news/concerns-after-surveillance-cameras-found-near-popular-co-tyrone-hostelry-2332272>

## *Where are they hidden?*



Microphones and a GPS tracker found in the fuse box of a car in Lecce, Italy, in December 2017.<sup>2</sup>

### **In buildings**

Microphones and cameras can be installed in buildings to surveil what goes on inside. Such devices have been found:

- Inside objects: electrical outlets, ceiling lights, air vents, power strips, intercom systems and electric meters.
- Inside furniture: an amplifier, a television, a printer and a kitchen hood.

<sup>2</sup><https://notrace.how/carsandeyes/#lecce-2017-12>

- Behind walls, ceilings, and floors.

Microphones and cameras can also be installed in buildings close to the actual place under surveillance. Typically, they are installed behind windows so that they can monitor the place under surveillance, its main entrance, or the way leading to it.

### In vehicles

Microphones and location trackers can be installed in all types of vehicles: cars, trucks, motorcycles, bicycles, etc. Such devices have been found:

- In parts of vehicles that are accessible from the outside: inside a wheel, in a spare wheel bracket, on a rear bumper, behind a horn grid, behind a battery ventilation grid, or inside a bicycle seat. They are sometimes held in place with magnets.
- Inside vehicles: between a car body and its interior coating, inside a car ceiling, in an interior air vent, inside a car seat head, behind a speedometer or inside a fuse box.

### Other

Microphones and cameras can also be installed outdoors. Such devices have been found:

- In urban environments: in streets surrounding places under surveillance, including inside a fake electrical box<sup>3</sup> or inside a fake rock.<sup>4</sup>
- In rural environments, hidden in vegetation.

## *Belfast, Northern Ireland, May 2015*

A **listening device** was found in the home of an Irish republican. It was **built into a joist in a space between a ceiling and a bedroom floor**. It contained several small listening devices that were connected to spotlights.

### SOURCES

<https://irishnews.com/news/2015/05/13/news/former-prisoner-finds-listening-device-in-ceiling-127202>

## *Belfast, Northern Ireland, February 2018*

A **listening device** was found in the former home of an Irish republican, who had died ten years prior to the discovery of the device. It consisted of a small microphone, hidden **in the ceiling of a downstairs room**, along with a number of battery packs located **under the floorboards of an upstairs bedroom**.

### SOURCES

<https://irishnews.com/news/northernirelandnews/2018/02/23/news/questions-over-listening-device-found-at-former-home-of-senior-republican-1262171>

## *London, April 2018*

**Several surveillance devices** were installed from 2015 to April 2018 in the Ecuadorian embassy in London to surveil Julian Assange, founder of the news organization Wikileaks, which had taken refuge in the embassy since 2012. During this period of time:

- **The interior cameras were replaced with higher resolution cameras equipped with hidden microphones.**
- **Microphones** were hidden **inside a fire extinguisher** and **above the storage cabinet in the bathroom** used by Assange.
- **Special stickers** were attached **on the exterior windows of the embassy** to facilitate the use of a laser microphone (able to capture

<sup>3</sup><https://notrace.how/earsandeyes/#torino-2014-02>

<sup>4</sup><https://notrace.how/earsandeyes/#cuneo-2019-06>

## ***Cappagh, County Tyrone, Northern Ireland, September 2014***

A **listening device** and a **tracking device** were found on the car of an Irish republican. The listening device was **attached to a rear wheel arch of the car by several powerful magnets**. The tracking device was located **under the opposite wheel arch**. The listening device was powered by 12 long-life batteries. The tracking device also appeared to be battery-powered.

### **SOURCES**

[https://republican-news.org/current/news/2014/09/spy\\_devices\\_found\\_on\\_tyrone\\_ma.html](https://republican-news.org/current/news/2014/09/spy_devices_found_on_tyrone_ma.html)

## **Buildings**

### ***Belfast, Northern Ireland, September 2004***

A **listening device** was found in offices used by Irish republicans. The device, **disguised as a floor joist**, was hidden **under the floor of a first floor office with microphones pointing into the office and into a conference room below**. It included a large battery pack.

### **SOURCES**

<https://irishtimes.com/news/sinn-fein-to-show-bug-found-in-offices-to-blair-1.989974>  
<https://telegraph.co.uk/news/1471702/Sinn-Fein-says-spy-bug-found-in-office.html>

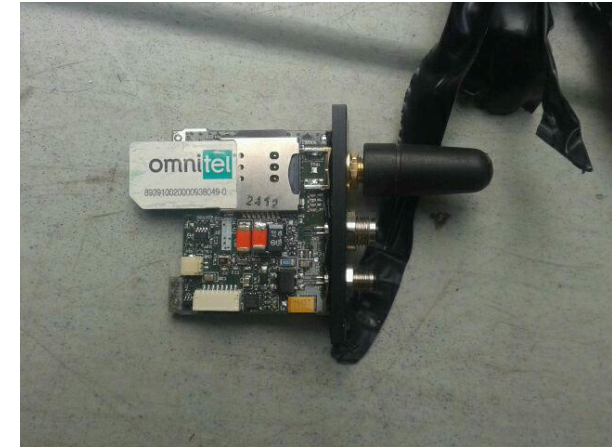
### ***Derry, Northern Ireland, June 2005***

A **listening device** was found in the home of an Irish republican. It was located **in a cavity of the kitchen ceiling**.

### **SOURCES**

<https://anphoblacht.com/contents/13735>

## ***How do they work?***



A device equipped with a SIM card found in a vehicle in Italy, in August 2019.<sup>5</sup>

### **Power supply**

Devices require a power supply, which can be either a battery or the electrical system of the building or vehicle in which the device is installed, or both. In rare cases, they may be powered by Power over Ethernet (PoE).

To save battery power and make it harder to detect them, the devices may not be powered on all the time. Some microphones can turn on only when there is sound. Some cameras can use an infrared sensor to turn on only when there is motion. Some location trackers installed on vehicles can turn on only when the vehicle is turned on, or only when it is moving by using a motion sensor.

### **Data collection**

Different devices can collect different kinds of data:

- Microphones can record sound.
- Cameras can record images. Some cameras have infrared vision, allowing them to “see in the dark”.

<sup>5</sup><https://notrace.how/carsandeyes/#italy-2019-08>

- Location trackers can record their geographical location. They usually use the Global Positioning System (GPS), allowing them to record their location almost anywhere on the surface of the Earth. In rare cases, devices equipped with SIM cards can record their own location by connecting to the mobile phone network and using the cell towers they connect to as geographic references.

### Data storage

There are two cases:

- Many devices have internal storage, such as an SD card. This allows them to store the collected data so the spies don't have to continuously retrieve it.
- Some devices have no internal storage. They cannot store the collected data, which must be continuously retrieved by the spies, or it will be lost.

### Data retrieval

Data collected by a device must be retrieved by the spies at some point. There are several techniques:

- Most devices are equipped with SIM cards, allowing them to send the collected data over the mobile phone network.
- In rare cases, devices are equipped with radio transmitters, allowing them to send the collected data over arbitrary radio frequencies. This technique requires another device, a receiver, to be nearby to receive the signal—the receiver can be hidden in a building or in a vehicle belonging to the spies.

If a device has internal storage, the spies can retrieve its data by physically accessing it.

### SOURCES

[https://republican-news.org/current/news/2012/06/tracking\\_device\\_found\\_on\\_car\\_o.html](https://republican-news.org/current/news/2012/06/tracking_device_found_on_car_o.html)

## *Northern Ireland, June 2013*

**Two bluetooth listening devices** and a **tracking device** were found in the car of an Irish republican. The devices were hidden **on the underside of the driver's seat, underneath carpet in the rear passenger footwell, and behind the rear seats.**

### SOURCES

[https://republican-news.org/current/news/2013/06/o\\_cuiv\\_talks\\_lead\\_to\\_psni\\_raid.html](https://republican-news.org/current/news/2013/06/o_cuiv_talks_lead_to_psni_raid.html)

## *Craigavon, Northern Ireland, December 2013*

A **tracking device** was found on the van of an Irish republican. It was hidden **beneath a wheel arch of the vehicle.** It was encased in black rubber. It contained a long-life battery pack and was marked with a serial number linked to the British military. Shortly after the discovery of the device, the van owner's home was raided by police in an apparent attempt to retrieve the device.

### SOURCES

[https://republican-news.org/current/news/2013/12/vicious\\_assault\\_in\\_black\\_ops\\_i.html](https://republican-news.org/current/news/2013/12/vicious_assault_in_black_ops_i.html)

## *Lurgan, County Armagh, Northern Ireland, June 2014*

A **GPS tracker** and a **listening device** were found on the car of an Irish republican. Parts of the device—battery packs and a transmitter—were hidden **behind the car rear bumper.**

### SOURCES

<https://bbc.com/news/uk-northern-ireland-27818441>

[https://republican-news.org/current/news/2014/06/tracking\\_device\\_found\\_on\\_lurgan.html](https://republican-news.org/current/news/2014/06/tracking_device_found_on_lurgan.html)

# United Kingdom

## Vehicles

### *Northern Ireland, December 1999*

A **listening and tracking surveillance device** was found in a car used by Irish republicans. It was **built into the car body in such a way as to make it impossible for anyone carrying out repairs on the vehicle to find it**. It was able to track the location of the vehicle, record and transmit audio, and could be switched on and off remotely. It included a microphone built into the middle of the roof of the vehicle, as well as rechargeable batteries wired to the car that could recharge only when the car was running.

#### SOURCES

<https://republican-news.org/archive/1999/December09/09bug.html>

### *County Armagh, Northern Ireland, August 2008*

A **GPS tracker** and a **listening device** were found under the car of someone linked to Irish republicans. Parts of the devices were located **under the car bumper**. The listening device used a microphone to transmit conversations within the vehicle over the mobile phone network.

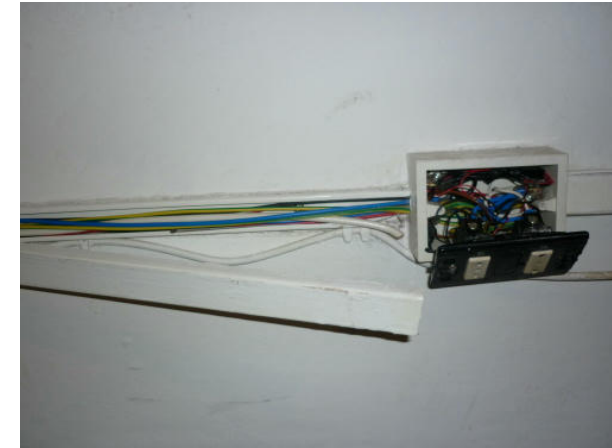
#### SOURCES

[https://republican-news.org/current/news/2009/04/injunction\\_bid\\_to\\_stop\\_informe.html](https://republican-news.org/current/news/2009/04/injunction_bid_to_stop_informe.html)

### *Derry, Northern Ireland, June 2012*

A **GPS tracker** was found under the car of an Irish republican. It was located **inside the car's rear bumper** and **attached to the vehicle with magnets**. Shortly after the device was discovered the car was seized by the police, and returned to the owner after a number of hours.

## *How to find them?*



A dismantled electrical outlet in which a microphone was found, in Lecco, Italy, in October 2010.<sup>6</sup>

### **Manual, visual search**

The primary technique when searching for bugs in an area is a manual, visual search of the area:

- If you're searching a building, you can use appropriate tools to disassemble electrical outlets, multiple-socket adapters, ceiling lights, and any electrical appliances, looking for anything that shouldn't be there. You can also look inside furniture, basically anywhere a bug might fit.
- If you're searching a vehicle, you can look under the vehicle, inside the wheels, on the rear bumper, behind the vents, looking for anything that shouldn't be there. You can use appropriate tools to dismantle the interior, the ceiling, the dashboard, the seat heads, and so on. On motorcycles or bikes, you can look inside or under the seats. Unlike other vehicles, when searching a bike,<sup>7</sup> you can determine with a high degree of confidence whether or not a bug is present.

<sup>6</sup><https://notrace.how/earsandeyes/#lecco-2010-10>

<sup>7</sup><https://notrace.how/threat-library/mitigations/transportation-by-bike.html>

- If you're searching for cameras installed at the windows of buildings on a street, you may be able to see such cameras with binoculars.
- If you're searching for cameras installed in surveillance vehicles on a street, you can detect such vehicles with passive surveillance detection.<sup>8</sup>

### **Specialized detection equipment**

A secondary technique when searching for bugs is to use specialized detection equipment. Such equipment can be purchased at specialty stores or on the Internet, and includes:

- Radio frequency detectors, to detect devices that are transmitting data on radio frequencies at the time of the search.
- Camera lens detectors to detect cameras.
- Professional equipment—spectrum analyzers, non-linear junction detectors, thermal imaging systems—which can be more effective, but is very expensive and complex to use.

### ***Why to find them?***

Searching for bugs in a comprehensive and effective manner requires an extreme degree of technical expertise. If you do not have that expertise, when searching for bugs in an area, you cannot be sure that you have found all the bugs present in the area. Therefore, the purpose of searching for bugs should be to prevent law enforcement and intelligence agencies from gathering information about you, not to consider an area free of covert surveillance devices. Incriminating conversations should always take place outdoors and without electronic devices.<sup>9</sup>

## **Methodology**

To be included in the database, a case must meet the following conditions:

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<sup>8</sup><https://notrace.how/threat-library/mitigations/surveillance-detection.html>

<sup>9</sup><https://notrace.how/threat-library/mitigations/outdoor-and-device-free-conversations.html>

## Buildings

### *Donostia, Basque Country, August 2007*

A **listening device** was found in an apartment. It was located **under the sofa**. It was made of two meters of wiring with a microphone at the end. It was installed from the apartment below, through a hole in the floor.

#### SOURCES

<https://gara.naiz.eus/paperezkoa/20070825/35008/es/Tres-donostiarras-descubren-su-piso-aparato-escuchas-ilegales>

<https://radiocable.com/escubren-un-microfono-mientras-limpiaban-en-el-piso-de-un-expreso-de-eta.html>

### *Barcelona, October 2013*

A **police surveillance camera** was found **in a hospital, pointed towards another building**.

#### SOURCES

<https://ca.squat.net/2013/10/17/barcelona-comunicat-kasa-de-la-muntanya-despres-del-desmuntatge-dun-dispositiu-de-videovigilancia>

## Other

### *Barcelona, December 2023*

A **camera** was found in front of a house. It was located **inside a black box, on the roof of a restaurant located in front of the house**.

#### SOURCES

<http://barcelona.indymedia.org/newswire/display/535811>

- A minimum amount of information must be available about the devices, such as where and when they were used, what they looked like, etc. The mere mention of a device in a news article or investigative file is not sufficient.
- The devices must have been installed or operated by a law enforcement or intelligence agency—or by a private company or militia acting as a law enforcement or intelligence agency.
- The devices must have been targeted at individuals or groups engaged in subversive activities. This specifically excludes devices that target government agencies or commercial companies.
- There must be a high likelihood that the case is real and not staged. We assess this likelihood based on our knowledge of how law enforcement and intelligence agencies operate and our experience with subversive networks.

For each case, the following information is provided where possible:

- The type of devices, the location and date they were discovered, and their components.
- Pictures of the devices.
- Additional relevant files, such as user manuals for the devices.
- Sources used to provide this information.

# Belgium

## Buildings

### *Brussels, May 2011*

A **camera** was found in an apartment. The device was located **in the kitchen, behind a small air vent**. It consisted in a camera connected to a large battery made of 3 tubes of 4 batteries of 14.4 V. The battery was behind the sink. Between the battery and the rest of the device was what seemed to be a switch that could be manipulated remotely. The camera was connected to a small black box that served as an encoder. This encoder, of model “Micro View Lock” (marketed by Ovations Systems), was in turn connected to what may have been an antenna to transmit images on a 1.4 GHz frequency. There was no SIM card. The camera, secured with magnets, was pointed towards the kitchen table.

#### SOURCES

<https://secoursrouge.org/Bruxelles-Video-cachee-chez-deux>

# Spain

## Vehicles

### *Basque Country, September 2007*

A **tracking device** was found under the car of a left-wing nationalist activist.

#### SOURCES

<https://web.archive.org/web/20220408143905/https://foros.noticiasdenavarra.com/viewtopic.php?t=32988>

### *Urrugne, Basque Country, August 2011*

A **GPS tracker** was found under a car. It was located **in the car bumper**. It included a GPS antenna.

#### SOURCES

<https://gara.naiz.eus/paperezkoa/20110923/292549/es/Hallan-dispositivo-seguimiento-GPS-coche-una-joven-urrunarra>

### *Valencia, March 2015*

A **geolocation device** was found on a car. It was **magnetically mounted inside a wheel well of the car**. It included a battery, a GPS antenna, a GSM antenna, and a SIM card. Its components were wrapped in black tape and magnetically mounted to the car mudguard and frame. It was probably installed by the *Cuerpo Nacional de Policía* (Spain national civilian police force).

#### SOURCES

<https://taz.de/Polizeiliche-Ueberwachung!/5017478>

# Russia

## Other

### *Moscow, December 2020*

A **surveillance device** was found **inside the smartphone** of the campaign manager of a Russian anti-corruption activist. It included a SIM card, a microphone, a GPS tracker, and a microcircuit to amplify the radio signal. Some of the phone components were modified to make room for the surveillance device. The device was installed when the owner of the phone was in custody and her phone confiscated. The device was probably installed by the FSB (“Federal security service”).

#### SOURCES

<https://meduza.io/en/feature/2021/01/14/we-found-a-wiretap>

<https://slashgear.com/simple-40-wiretap-planted-in-iphone-of-russian-activist-15655451>

<https://youtube.com/watch?v=Q9K9ofWiyx8>

# China

## Buildings

### *Beijing, October 2015*

**Listening devices** were found in a building. They were hidden in **electric sockets**.

#### SOURCES

<https://hyperallergic.com/242008/big-brother-is-bugging-ai-weiwei>

# France

## Vehicles

### *Unknown location, March 2011*

A **geolocation device** was found in a car. It was located **behind the car battery ventilation grids**. It consisted in a small black case of 9 by 5 centimeters, connected with wires to the car electrical system. Inside a case were two printed circuit boards, a passive antenna, a geolocation device branded “Navman” and a SIM card.

#### SOURCES

<https://lesinrocks.com/2011/05/04/actualite/affaire-de-tarnac-la-surveillance-policiere-prise-en-flag-1115752>

### *Besançon, March 2021*

A **GPS tracker** was found under a car. It was located **in the lower right body frame**. According to the authorities, the tracker had been installed in May 2020.

#### SOURCES

<https://radiobip.fr/site/blog/2021/04/16/besancon-anarchiste-il-trouve-un-mouchard-sous-son-vehicule>

### *Unknown location, January 2023*

A **GPS tracker** was found under a truck. It was located **under the front left axle of the vehicle**.

#### SOURCES

<https://dijoncter.info/watergate-du-marais-poitevin-episode-2-4303>

# New Zealand

## Vehicles

### *Levin, April 2010*

A **GPS tracker** was found under a car. It was **attached to the car with magnets**. It used a mobile phone connection to report the car position. According to the articles that reported the discovery of the tracker, the information it collected was sent to Thompson and Clark, a New Zealand private investigation agency. The surveillance was probably carried out on behalf of a company.

According to the articles that reported the discovery of the tracker, it was supplied to the private investigation agency Thompson and Clark by the New Zealand company **Argus Tracking**. As shown by the high resolution pictures of the device, its model was “GT-2000XT-D”, and it was very similar to the device “GT-2000”, marketed by the company based in United Kingdom **Custodia Systems**.

#### EXTRA FILES

- GT2000.pdf:<sup>19</sup> product description of the GT-2000 device (in English).
- levin-2010-04.zip:<sup>20</sup> very high resolution pictures of the device.

#### SOURCES

<https://web.archive.org/web/20120514112429/http://www.animalfreedom.org.nz/gps-tracking-device.html>

<https://web.archive.org/web/20210209150752/http://archive.indymedia.org.nz/article/78812/gps-tracking-device-found-afa-members-ca>

<https://web.archive.org/web/20210226185135/http://www.stuff.co.nz/national/3978988/Spies-target-animal-rights-campaigners>

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<sup>19</sup><https://notrace.how/earsandeyes/extra-files/levin-2010-04/GT2000.pdf>

<sup>20</sup><https://notrace.how/earsandeyes/extra-files/levin-2010-04/levin-2010-04.zip>

## *Cuneo, June 2019*

A **surveillance device capable of recording images and sound** was found during a gathering in front of a jail. It was located **behind a few stones, in a wall along a path**, wrapped in a black garbage bag. It was not the first time that a gathering took place there. The device contained a battery, a SD card, a microphone, and a camera hidden behind a rock in which a hole had been made. It seemed that the device couldn't send the recorded data, which was stored on the SD card. An analysis of the content of the SD card showed that the device was activated on June 3 and was installed on the afternoon of June 7, the day before the gathering.

The pictures of the device show that the device included a digital video recorder of model “DK-PV500E”, marketed by the Italian company DSE (Digital Surveillance Equipment). This suggests that the device was supplied by the Italian company **DSE**.

### SOURCES

<https://macerie.org/index.php/2019/06/12/spioni-3>

## *Grenoble, April 2023*

An **AirTag**—a tracking device marketed by Apple—was found **taped under a bike**. It had a diameter of about 3.5 centimeters.

### SOURCES

<https://cric-grenoble.info/infos-locales/article/police-fachos-meme-tocards-meme-combat-2979>

## **Buildings**

### *Paris, September 2015*

A **surveillance device** was found **in a school located in front of an anarchist library**. It was located **in a storage room on the first floor, overlooking the library through a window**. It looked like a cardboard folder. It was contained in a hard plastic rectangular casing of about 40x25x25 centimeters. It was loud (because of fans) and connected to the electrical network (without batteries). The casing had a hole of about 4 centimeters in diameter for the camera, with three cables coming out at the end, two of which were antennas and a third a small square sensor.

Inside the box were:

- A wireless router with two SIM cards, a GPS module, three cell inputs, and one stereo input.
- A processor.
- A cellular device with a SIM card.
- A camera with two remote-controlled zoom levels.
- And other things that could not be identified.

The device was in place since at least the second week of July 2015.

### EXTRA FILES

- paris-2015-09.zip:<sup>10</sup> additional pictures of the devices.

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<sup>10</sup><https://notrace.how/carsandeyes/extra-files/paris-2015-09/paris-2015-09.zip>

## SOURCES

<https://attaque.noblogs.org/post/2015/10/08/a-propos-dun-dispositif-de-surveillance-trouve-documente-et-detruit-a-paris>

### *Grenoble, August 2018*

A **microphone** was found in a building. It was located **in a multi-socket adapter**. The device contained a printed circuit board and a battery. It was seemingly installed during a house search by police earlier in the month.

## SOURCES

<https://earsandeyes.noblogs.org/fr/post/2019/01/16/micro-grenoble-aout-2018>

### *Paris, April 2022*

An **audio surveillance device** was found **in an anarchist library**. The device was hidden **inside the printer-copier of the library**. It included two microphones, an antenna, a transformer, a battery, a small box containing an electronic card, a 64 GB SD card, and a SIM card. According to the article that reported the discovery of the device, it was a surveillance device of model RB800 marketed by the Italian company **Innova**.

Analysis of the SD card revealed that:

- The device was equipped with a “voice activation” function, i.e. it only activated when its microphone picked up a sufficiently high sound level. In the month and a half prior to its discovery, it was activated 2,061 times, with a minimum activation duration of 58 seconds, a maximum duration of 12 hours and an average duration of 10 minutes.
- When the device was “activated” by the sound level, it transmitted data over the mobile phone network (presumably the audio data captured by its microphone), generally at a rate of a few KB/s, with peaks of 100 KB/s.
- The temperature of the device varied between 14°C and 50°C, with an average of 22°C. Its temperature rose sharply when it was transmitting data.

## SOURCES

<https://lanemesi.noblogs.org/post/2023/09/25/rinvenuta-una-microspia-a-pozzuoli>

### *Treviso, April 2024*

A **microphone** was found in a house. The device was **connected to the fridge electrical outlet**. It included a microphone, two antennas and a SIM card.

## SOURCES

<https://ilrovescio.info/2024/05/16/treviso-microspie-anche-a-casa-dei-genitori>

## Other

### *Turin, February 2014*

**Two cameras** were found in front of a building. They were hidden **in a fake electric box of the Italian electricity supplier Enel, attached on the first floor of a building**.

The logo of the Italian company Gruppo TRS, which was bought in 2012 by the Italian company Atet, is visible on the pictures of the cameras. This suggests that the cameras were supplied by the Italian company **Atet**.

### *Genoa, June 2014*

**Three microphones with cameras** were found **in the alleys around a building**. The devices were pointed at the different entries of the building.

The pictures of the devices show that the cameras were marketed by the Italian company Elkron (which became a subsidiary of the Italian company Urmet in 2012). This suggests that the cameras were supplied by the Italian company **Elkron**.

## SOURCES

<http://contropiano.org/news/aggiornamenti-in-breve/italia/2014/06/16/genova-l-occhio-dello-stato-sull-occupazione-di-pellicceria-3-062791>

## *Follonica, February 2020*

**Four microphones** were found in a house. There was **one in each room of the house**. They were **connected to the electrical system of the house** using a transformer and a battery. Each device was equipped with a SIM card and a memory card.

According to the source that reported the discovery of the microphones, they were supplied by the Italian company **Lutech**.

### SOURCES

<https://roundrobin.info/2020/02/comunicato-sul-ritrovamento-di-alcune-microspie-a-follonica>

## *Foligno, October 2022*

A **microphone** was found in a building. It was located **inside a power outlet**. It was equipped with a microphone, two antennas, a SIM card, a memory card and a battery.

### SOURCES

<https://infernourbano.altervista.org/foligno-rinvenuta-una-microspia-presso-il-circolo-anarchico-la-faglia>

## *Rome, November 2022*

A **microphone** was found in an apartment. It was hidden **on the back of the kitchen oven**. It was powered by the oven electrical supply, and was also equipped with a battery.

### SOURCES

<https://lanemesi.noblogs.org/post/2022/11/19/stessa-storia-stesso-posto-stesso-baracchino-rinvenimento-di-una-microspia-in-un-appartamento-di-roma>

## *Pozzuoli, September 2023*

A **microphone** was found in a house.

### EXTRA FILES

- RB800-en.pdf:<sup>11</sup> product description of the RB800 device (in English).
- RB800-fr.pdf:<sup>12</sup> product description of the RB800 device (in French).

### SOURCES

<https://bibliothequelibertad.noblogs.org/post/2022/04/02/un-micro-trouve-a-la-bibliotheque-anarchiste-libertad>

<https://lille.indymedia.org/spip.php?article35825>

## *Other*

### *Sarthe, September 2018*

**Three outdoor surveillance cameras** were found outside, close to the venue of an event. They were located **along a 250m pathway leading to the venue**. Among them, two cameras of model “BOLYGUARD MG983G” were found **laying in the grass** and **in a bush, 80 centimeters above ground** and were covered by a kind of camouflage hairnet. The third camera, of model “RECONYX HYPERFIRE SM750”, was found **on a tree trunk, 1m20 above ground** and had a khaki color.

The contents of the SD cards revealed that:

- The cameras were installed on the day they were found, very early in the morning (between 3h30 and 4h)
- They were capable of night vision. Two of them were configured to take pictures and the third one to record video and sound.
- Their positioning allowed them to take pictures of the front and back license plates of cars driving on the pathway, and of people walking on the pathway.
- One of the cameras was useless because of leaves in its field of vision.

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<sup>11</sup><https://notrace.how/earsandeyes/extra-files/paris-2022-04/RB800-en.pdf>

<sup>12</sup><https://notrace.how/earsandeyes/extra-files/paris-2022-04/RB800-fr.pdf>

The cameras were marketed by the companies **RECONYX** and **Boly**.

#### EXTRA FILES

- BOLYGUARD-MG983G-en.pdf:<sup>13</sup> user manual of the “BOLY-GUARD MG983G” camera (in English).
- BOLYGUARD-MG983G-fr.pdf:<sup>14</sup> user manual of the “BOLY-GUARD MG983G” camera (in French).
- RECONYX-HYPERFIRE-en.pdf:<sup>15</sup> user manual of the “RECONYX HYPERFIRE” camera (in English).

#### SOURCES

<https://earsandeyes.noblogs.org/fr/post/2018/12/10/cameras-surveillance-exterieures-journee-de-soutien>

### ***ZAD du carnet, August 2020***

**Four cameras** were found outside a large area where people lived. They were hidden **near an access gate to the area, camouflaged in a fake tree log and fake stones**. They filmed continuously and were connected, via buried cables, to large batteries and concealed modems. The mention “Allwan” was visible on a label on a camera. The cameras were found on August 31, and appeared to have been installed right before a event organized in the area on August 29 and 30.

The mention “Allwan”, visible on a label on a camera, suggests that the cameras were supplied by the French company **Allwan Security**.

#### SOURCES

<https://earsandeyes.noblogs.org/fr/post/2020/11/14/des-cameras-retrouvees-a-la-zad-du-carnet-en-aout-france>

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<sup>13</sup><https://notrace.how/earsandeyes/extra-files/sarthe-2018-09/BOLYGUARD-MG983G-en.pdf>

<sup>14</sup><https://notrace.how/earsandeyes/extra-files/sarthe-2018-09/BOLYGUARD-MG983G-fr.pdf>

<sup>15</sup><https://notrace.how/earsandeyes/extra-files/sarthe-2018-09/RECONYX-HYPERFIRE-en.pdf>

### ***Trento, March 2019***

**Six microphones and a camera** were found in a house. The microphones were located **in electrical outlets and switch cases**, one **above the intercom in the corridor**, two other **in the living-room**, and the three last ones **in bedrooms**. The camera was located **inside the intercom in the corridor** and connected to the microphone above it. Each microphone was equipped with a battery, and, except for the one in the corridor, with a SIM card and a memory card. The camera lens could observe through a small hole already present in the intercom structure and slightly modified to fit the device.

#### SOURCES

<https://roundrobin.info/2019/03/trento-sei-microspie-e-una-telecamera-immagini-pesanti>

### ***Turin, March 2019***

**Microphones** were found in a building. They were located **in the kitchen**.

#### SOURCES

<https://macerie.org/index.php/2019/03/12/le-orecchie-della-pedrotta>

### ***Pisa, January 2020***

**Microphones** were found in a building. They were **connected to the electrical system of the building**.

According to the article that reported the discovery of the microphones, they were supplied by the Italian company **Lutech**.

#### SOURCES

<https://roundrobin.info/2020/02/pisa>

## *Lecce, September 2017*

A **surveillance device** was found in a building **inside an outlet not connected to any electrical network**. The acronym “ABG” was visible on one of its edges.

### SOURCES

<https://web.archive.org/web/20171005155957/https://actforfree.nostate.net/?p=28449>  
<https://web.archive.org/web/20200812155902/https://cettesemaine.info/breves/spip.php?article2497>

## *Trento, December 2017*

A **micro-camera** was found in a house. It was located **in the kitchen/dining room, inside a wall, covered up by mortar**, revealing only the hole for the camera's lens.

### SOURCES

<https://anarhija.info/library/trentino-italia-a-proposito-di-ritrovamenti-di-microspie-e-videocamere-it>

## *Bologna, January 2018*

**Two microphones** were found in a building. They were hidden **inside a power outlet and in the junction box next to it**.

### SOURCES

<https://autistici.org/cna/2018/01/11/bologna-ritrovata-microspia>

## *Genoa, June 2018*

**Two microphones** were found in a house.

### SOURCES

<https://roundrobin.info/2018/06/genova-trovate-due-microspie-nella-casa-di-un-compagno>

## *Sevreau, March 2022*

A **camera** was found **outside, pointed towards a house**. It was **barely emerging from the ground and was covered with brambles and grass**. It was connected to a “Pepwave” router and to two cases containing lithium batteries labeled “Accuwatt”, hidden in a ditch, under a tarp and a camouflage net.

The batteries were marketed by the company **Accuwatt**, specialized in batteries for law enforcement and the military.

### SOURCES

<https://attaque.noblogs.org/post/2022/03/18/sevreau-deux-sevres-les-yeux-indiscrets-de-la-flicaille-scrutent-les-opposant-e-s-aux-bassines>

## *Dijon, October 2022*

**Two cameras** were found in the streets. Each was **in a box attached to an electric pole**. They were able to film the entrances and surroundings of the buildings under surveillance. They were present—possibly on and off—since 2019. After the discovery of the first camera, the second one was removed, presumably by the State intelligence services.

### SOURCES

<https://dijoncter.info/surveillance-policiere-des-cameras-decouvertes-aux-tanneries-et-aux-lentilleres-4299>

# Germany

## Vehicles

### *Berlin, July 1988*

A **tracking device** was found under the car of a person under investigation for burglaries. It was **attached with two magnets**. It was a small box with an antenna.

#### SOURCES

<https://taz.de/Archiv-Suche!/1843977>

### *Bad Oldesloe, March 2007*

A **GPS tracker** was found under a car. It was **attached with magnets under the rear bumper**. It was equipped with a battery. When it was discovered, it was flashing a green light at short intervals.

#### SOURCES

<https://taz.de/Archiv-Suche!/307476>

<https://taz.de/Archiv-Suche!/829480>

<https://taz.de/Kieler-LKA-will-Wanze-zurueck!/5183196>

### *Berlin, May 2007*

A **GPS tracker** was found in a car. It was **attached with strong magnets in the front wheel well on the passenger's side**. It contained a set of high-power batteries, a GPS antenna, a module for data processing and a mobile radio transmitting module with a transmitting antenna. The whole thing was wrapped with black tape. The device was presumably installed by the BKA (Bundeskriminalamt, Federal Criminal Police Office).

#### SOURCES

[https://web.archive.org/web/20160112162848/http://informa-azione.info/palermo\\_trovate\\_microspie\\_in\\_casa\\_di\\_compagn](https://web.archive.org/web/20160112162848/http://informa-azione.info/palermo_trovate_microspie_in_casa_di_compagn)

### *Turin, May 2014*

**Two microphones and portable scanners** were found in a building and outside of it. The portable scanners were **in a telecom booth** close to the building. The microphones were connected to the electrical network of the building.

### *Pescara, April 2015*

**Two microphones** were found in a home. The devices were **inside two electrical outlets**. Each consisted in a microphone connected to a transformer, and a thing containing a micro-SIM card.

#### SOURCES

[https://web.archive.org/web/20150928013342/http://www.informa-azione.info/pescara\\_microspie\\_a\\_casa\\_di\\_compagni\\_anarchici](https://web.archive.org/web/20150928013342/http://www.informa-azione.info/pescara_microspie_a_casa_di_compagni_anarchici)

### *Modena, December 2015*

A **microphone** was found in a building. It was located **inside a neon light attached to the ceiling**. It consisted in three 9-volts batteries, joined together with insulating tape, with a microphone and antenna at each end.

#### SOURCES

<https://anarchicipistoiesi.noblogs.org/post/2015/01/06/modena-sorveglianza-rinvenuta-microspia-al-laboratorio-libertario-ligera>

## SOURCES

<https://culmine.noblogs.org/2012/05/08/pisa-abpc-sabota-telecamera>

### *Naples, October 2012*

**Two microphones** were found in a building. They were located **in the air vents** of two rooms of the building. Each consisted in three 9-volt batteries set up in parallel, attached with tape to a transmitter microphone.

## SOURCES

[https://web.archive.org/web/20130401215729/http://informa-azione.info/napoli\\_trovate\\_microspie\\_all039interno\\_dello\\_spazio\\_anarchico\\_76a](https://web.archive.org/web/20130401215729/http://informa-azione.info/napoli_trovate_microspie_all039interno_dello_spazio_anarchico_76a)

### *Naples, February 2013*

**Four microphones** were found in two homes. In the first home, a microphone was located **next to the office where there was a computer** (for some time, the loudspeakers connected to this computer were disrupted by an interference similar to the interference of a phone receiving a call), another **in the outlet next to the kitchen table**, and the last one **in the bedroom, in the outlet closest to the bed** (the outlet cover had been pierced to direct the microphone towards the headboard). In the second home, a microphone was located **in the bedroom, in the outlet closest to the door** leading to the kitchen, so that it covered several rooms. The first home's microphones included a transformer and antennas with a printed circuit board. The second home's microphone included two transformers and an antenna.

## SOURCES

[https://web.archive.org/web/20150417000257/http://informa-azione.info/napoli\\_maggiori\\_dettagli\\_su\\_ritrovamento\\_microspie](https://web.archive.org/web/20150417000257/http://informa-azione.info/napoli_maggiori_dettagli_su_ritrovamento_microspie)

### *Palermo, June 2013*

**Microphones** were found in a building.

## SOURCES

<https://de.indymedia.org/2007/05/176790.shtml>

<https://de.indymedia.org/2007/07/186639.shtml>

### *Lübeck, April 2013*

A **tracking device** was found under a car. It was hidden **in the wheel well of the car**. It was installed by cops from the Staatsschutz (“State security”). The owner of the car caught the cops while they were tampering with her car in the garage of her workplace.

## SOURCES

<https://linksunten.archive.indymedia.org/node/85148/index.html>

<https://linksunten.archive.indymedia.org/system/files/data/2013/04/1016690872.pdf>

<https://taz.de/Staatsschutz-ueberwacht-Antifa/!5068472>

### *Leipzig, May 2013*

A **GPS tracker** was found under a car. It was **attached with magnets inside the rear bumper of the vehicle**. It contained batteries, a GPS receiver and a GSM module. According to the article that reported the discovery, the device model was “GPRSpack”.

The “GPRSpack” device was developed as a collaboration between the BLKA (Bavarian Landeskriminalamt, State Criminal Police Office of Bavaria) and the German company **EBS Electronic**. In 2017, EBS Electronic, together with another company, became the German company **EBS-SYSTART**.

## EXTRA FILES

- GPRSpack.pdf:<sup>16</sup> usage guide of the “GPRSpack” device (in German).

## SOURCES

<https://de.indymedia.org/2013/05/345503.shtml>

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<sup>16</sup><https://notrace.how/carsandeyes/extra-files/leipzig-2013-05/GPRSpack.pdf>

## *Stuttgart, June 2013*

A **GPS tracker** was found under a car. It was **attached with magnets under the right rear bumper**. Its model was “GPRSpack”. It contained batteries, a GPS receiver and a GSM module.

The “GPRSpack” device was developed as a collaboration between the BLKA (Bavarian Landeskriminalamt, State Criminal Police Office of Bavaria) and the German company **EBS Electronic**. In 2017, EBS Electronic, together with another company, became the German company **EBS-SYSTART**.

### EXTRA FILES

- GPRSpack.pdf:<sup>17</sup> usage guide of the “GPRSpack” device (in German).

### SOURCES

<https://de.indymedia.org/2013/06/345694.shtml>

## *Berlin, November 2020*

A **GPS tracker and a microphone** were found in a car. The two devices were installed separately, **each in one of the front seat headrests**. The headrests were opened and glued back together after the devices were installed. Each device was equipped with two batteries. The first device, which was apparently the control unit, was equipped with a GSM module to send GPS data and recorded audio files via the mobile phone network. On the control unit were a GPS/GSM antenna, the connection to the batteries and a microphone. Inside the device, a SIM card was found. The second device seemed to be the actual audio monitoring device. It also had a battery connection, a smaller antenna and two microphones, which had been glued into the holes for the seat support, with anti-vibration padding. This device was equipped with an SD card, but there were no more audio files stored in it. The SD card was apparently used as a storage medium for the operating system data and for temporary storage of the

transmitters with ranges of 200 to 300 meters. One of the devices could be activated by remote control (at a distance of hundreds of meters). Another device came with a micro-camera linked to a UHF band transmitter.

### SOURCES

[https://web.archive.org/web/20170709102902/http://cettesemaine.info/spip/article.php3\\_id\\_article=3794.html](https://web.archive.org/web/20170709102902/http://cettesemaine.info/spip/article.php3_id_article=3794.html)

## *Florence, January 2011*

**Microphones and cameras** were found in a building. A first device was located **in an electrical case that was abnormally hot**. It consisted of a microphone and a micro-camera. A second device was located **in an industrial outlet**.

### SOURCES

[https://web.archive.org/web/20170709131443/http://cettesemaine.info/spip/article.php3\\_id\\_article=3845.html](https://web.archive.org/web/20170709131443/http://cettesemaine.info/spip/article.php3_id_article=3845.html)

## *Bordighera, May 2012*

**Four microphones and a camera** were found in a house. A microphone was located **behind the fridge**, another **in the bedroom**, another **in a beam next to the ceiling light**, another **in the house entry**. A small camera **filmed the entry stairs**. All were connected through a transformer to the house electrical network.

### SOURCES

[https://web.archive.org/web/20171110231616/http://www.informa-azione.info/torino\\_trovate\\_microspie\\_nel\\_frigido\\_di\\_due\\_compagni\\_anarchici](https://web.archive.org/web/20171110231616/http://www.informa-azione.info/torino_trovate_microspie_nel_frigido_di_due_compagni_anarchici)

## *Pisa, May 2012*

A **camera** was found **in a school's air conditioner**. It controlled the entrance of a house.

<sup>17</sup><https://notrace.how/earsandeyes/extra-files/stuttgart-2013-06/GPRSpack.pdf>

## SOURCES

[https://web.archive.org/web/20170926153653/http://www.informa-azione.info/viterbo\\_ritrovato\\_lennesimo\\_marchingegno\\_per\\_intercettazioni\\_ambientali](https://web.archive.org/web/20170926153653/http://www.informa-azione.info/viterbo_ritrovato_lennesimo_marchingegno_per_intercettazioni_ambientali)

### *Genoa, October 2009*

A **microphone** was found in a building. It was located **inside an electrical outlet**.

## SOURCES

[https://web.archive.org/web/20170709105251/http://cettesemaine.info/spip/article.php3\\_id\\_article=2659.html](https://web.archive.org/web/20170709105251/http://cettesemaine.info/spip/article.php3_id_article=2659.html)

### *Lecco, October 2010*

A **microphone** was found in a building. It was located **inside an electrical outlet**. It was a transmitter-receiver.

## SOURCES

[https://web.archive.org/web/20101011002129/http://www.informa-azione.info:80/lecco\\_%E2%80%93\\_ennesima\\_microspia](https://web.archive.org/web/20101011002129/http://www.informa-azione.info:80/lecco_%E2%80%93_ennesima_microspia)

### *Milan, November 2010*

A **microphone** was found in a building. It was located **inside a closed and sealed electricity meter**. It was a microphone with a 300 MHz shortwave transmitter.

## SOURCES

[https://web.archive.org/web/20170709103211/http://cettesemaine.info/spip/article.php3\\_id\\_article=3711.html](https://web.archive.org/web/20170709103211/http://cettesemaine.info/spip/article.php3_id_article=3711.html)

### *Milan, November 2010*

**Microphones and a micro-camera** were found in multiple homes. The devices were found **in an amplifier, in the kitchen hood and in a cathode-ray television**. They included microphones and 300 MHz

recorded data. According to what was known at the time of discovery, the GPS tracker was installed in August 2019 and the listening device in or after September 2019. The devices were presumably installed by the BKA (Bundeskriminalamt, Federal Criminal Police Office).

## SOURCES

<https://kontrapolis.info/823>

### *Leipzig, November 2021*

A **GPS tracker** and an **audio recording device** were found in a car. They were located **behind a panel of the front ceiling light**. They were connected by a power cable and drew their power from the supply line to the rear ceiling light. The GPS tracker contained, among other things, a GPS receiver “u-blox MAX-M8”, a card slot with a 16 GB microSD card, a cellular chip “u-blox LISA-U230” along with a SIM card, as well as a removable three-pin antenna module. The audio recording device contained a voltage converter, a 3.7 V, 550 mAh lithium-ion battery, and a small circuit board which included a 32 GB microSD card and the “NN01-104” antenna from the company Ignion (formerly “Fractus”). The audio recording device tapped into the microphone of the hands-free system, which was located behind a cover above the rearview mirror.

## SOURCES

<https://de.indymedia.org/node/160385>

### *Berlin, August 2022*

**Two GPS trackers** were found under a vehicle—the second one was found a few days after the first one was found and removed. They were **attached with strong magnets in a hollow space between the bumper's plastic covering and the vehicle body, precisely behind the left rear wheel**. Each tracker consisted of two metal cases connected by a cable. The first one contained a battery pack and the second one the tracker itself, including a smaller battery, two antennas, and a SIM card.

The pictures of the device show it included a tracker of model “NavKos T” marketed by the German company DESAG Telematic. This suggests that the device was supplied by the German company **DESAG Telematic**.

#### SOURCES

<https://de.indymedia.org/node/215986>

### *Hamburg, May 2023*

An **AirTag**—a tracking device marketed by Apple—was found on a scooter. It was hidden **inside the scooter seat cushion**, in which it had been inserted through a slit apparently made with some sort of blade. It had an approximate diameter of 3 centimeters and a height of less than 1 centimeter.

#### SOURCES

<https://de.indymedia.org/node/277879>

### *Bremen, August 2023*

A **camera** was found in a minibus parked near the venue of an event. It was located **in the back of the vehicle, on a shelf, in a plastic box, one side of which had been replaced by tinted glass**. The minibus was disguised as a craftsman's vehicle, with work equipment clearly visible, tools and empty coffee cups on the passenger seat.

#### SOURCES

<https://de.indymedia.org/node/301694>

### *Leipzig, August 2023*

**Two cameras** were found in a car parked on a street. They were located **on the package shelf, in a basket and a bag respectively**. A set of cables, hidden under towels, led to the trunk of the vehicle. The camera lenses were aimed at a building entrance and a sidewalk.

with the vehicle—the theft was presumably a cover-up for the device installation.

#### SOURCES

<https://laburjana.noblogs.org/post/2023/08/02/e-vennero-a-metterci-le-spie-in-auto>

### *Lecce, November 2023*

A **tracking device** was found under a car. The battery-powered device was **attached with strong magnets under the car body, in the rear, just past the bumper**.

#### SOURCES

<https://disordine.noblogs.org/post/2023/11/09/ritrovamenti>

## Buildings

### *Bologna, July 2007*

**Two receiver cases** were found in the entry corridor of a building. They were hidden **above a fake ceiling in the entry corridor**. They were connected to the phone line with telephone wires. They consisted in a main unit with a remote-controlled connector, a digital receiver showing the strength of the received signal, and antennas. The presence of the two receivers presumably meant that there were two emitting microphones in the building.

#### SOURCES

[https://web.archive.org/web/20080516233501/http://www.informa-azione.info/rinvenute\\_due\\_cimici\\_a\\_fuoriluogo](https://web.archive.org/web/20080516233501/http://www.informa-azione.info/rinvenute_due_cimici_a_fuoriluogo)

### *Viterbo, March 2008*

A **microphone** was found in a home. It was hidden **inside an air inlet**. It consisted in 12 cylindrical batteries and a microphone.

first tracker included a SIM card and an accumulator made of five 3.6 V lithium batteries connected in a series. The other tracker was equipped with a SIM card.

#### SOURCES

<https://roundrobin.info/2019/08/g-p-s-m-ritrovati-gps-e-microfoni>

### *Genoa, August 2021*

A **tracking device and two microphones** were found in a car. The tracking device was **connected to the power supply of the control unit underneath the steering wheel on the left side**. It was **attached with a magnet, tape, and insulating fabric**. The microphones were located **at the end of a long cable running from the inside of the internal side pillar linings of the windscreen to the underside of the roof of the car**. The tracking device used the GLONASS positioning system, and consisted of an antenna connected to a multi-frequency receiver box containing a micro SIM card.

#### SOURCES

<https://malacoda.noblogs.org/post/2021/08/02/glonass-a-bordo>

### *Sassari, June 2023*

A **GPS tracker and a microphone** were found in a car. The device was **attached with strong magnets**. It contained a SIM card.

#### SOURCES

<https://anarkiviu.wordpress.com/2023/06/07/accade-a-sassari>

### *Trieste, July 2023*

A **microphone** was found in a car. It was hidden **inside the vehicle**. The night before the device was found, one of the car's windows was broken, a few things inside it were stolen, and four men were seen tampering

#### SOURCES

<https://de.indymedia.org/node/299420>

### *Bremen, September 2024*

A **camera** was found in a car parked near the venue of an event. It was located **in a box, behind a tinted panel**. It had a good view on the venue's entrance. A flashlight pointed at the box revealed the camera, despite the tinted panel.

#### SOURCES

<https://de.indymedia.org/node/454755>

## Buildings

### *Berlin, July 2011*

**Several cameras** were found **in the attic of a public school located in front of a recently evicted squat, overlooking the squat through the skylights**.

#### SOURCES

<https://linksunten.indymedia.org/de/node/42743>

### *Freiburg im Breisgau, January 2014*

A **camera** was found **in a residential building close to a social center, in a small locked room on the 12th floor, overlooking the social center's main entrance through a window**. It was mounted on a tripod and powered by a socket in another locked room, through a cable laid outside across the roof. The residential building was located about 260 meters from the social center.

#### SOURCES

<https://linksunten.indymedia.org/node/104685>

## *Leipzig, March 2014*

A **video surveillance device** was found. It was located **on the second floor of a vacant house**. It contained a swiveling camera which was connected to a hard disk and could be controlled via an LTE mobile phone connection, and a battery to power the device. Through a window, the camera had a view of the sidewalk, several building entrances and several apartment windows. The device could not be seen from the outside as its luminous diodes had been masked off.

### SOURCES

<https://linksunten.indymedia.org/node/109613>

## *Leipzig, May 2014*

A **video surveillance device** was found. It was located **on the second floor of a vacant house**. It contained cameras mounted on tripods, which filmed the public space through windows.

### SOURCES

<https://linksunten.indymedia.org/node/115381>

## *Bremen, December 2022*

**Three surveillance cameras** were found in a building, pointed towards the entrance of a *wagenplatz* (a leftist political community where people live in trailers). They were located **in a locked room, on the sixth floor of a building close to the wagenplatz**—the building in question was vacant except for its first floor. One of the cameras was a “Sony ISO 409600 Extreme Sensitivity 4K” with a high-grade “Sony SEL 600mm F4 GM OSS E-mount” telephoto lens. The two other cameras were “Panasonic WV-S6131” IP cameras.

All three cameras were connected to a “G-ST 500+/8R Gscope055” video management device marketed by the German company Geutebrück, which was equipped with a SIM card and a 2 TB SSD. The SSD contained video files dated from November and December 2022 in the

**magnet**. The devices were connected to the car power supply at the level of the pedals, just below the lever that opens the front trunk.

### SOURCES

<https://roundrobin.info/2018/09/cagliari-ancora-microspie-e-gps-sulla-macchina-di-un-compagno>

## *Cagliari, October 2018*

**Two microphones and a GPS tracker** were found in a car. The microphones were located **above the driver's head, next to the junction of the car roof upholstery and the windscreen**. The GPS tracker was located **in the fuse box**. Everything was powered by a connection to the headlights cable. The headlights were dysfunctional, seemingly because of the power supply required by the devices.

### SOURCES

<https://nobordersard.wordpress.com/2018/10/10/comunicato-di-uno-degli-indagati-delloperazione-270-bis-aggiornamento>

## *Cremona, February 2019*

A **microphone** was found in a car. It was located **in the upholstery of the vehicle roof**. The device wires were hidden in the isolation case. The device was connected to the car electrical system, so that it turned on when the car started. It included a SIM card.

### SOURCES

<https://csakavarna.org/?p=4232>

## *Unknown location, August 2019*

A **microphone and two GPS trackers** were found in a vehicle. A first tracker was **attached with a magnet to the rear bumper, on the right side**. The other tracker, along with the microphone, was located **in the air vents located between the windscreen flap and the windscreen**. The

**under the dashboard.** The magnetized GPS and a thing with an antenna and cards were hidden **behind the speedometer.** Everything had been seemingly installed in the car more than a year before the discovery and the microphones were recording even when the car engine was turned off, in a radius of several meters.

#### SOURCES

<https://roundrobin.info/2018/01/bologna-microfoni-gps-nellauto-compagna>

### *Cremona, January 2018*

A **GPS tracker** was found in a car. It was located **in the rear bumper, attached to the car body with magnets.** It consisted in removable batteries and a SIM card.

#### SOURCES

<https://roundrobin.info/2018/01/trovato-un-localizzatore-gps-nella-macchina-compagna-un-compagno-cremona>

### *Rome, April 2018*

**Two microphones and a GPS tracker** were found in a car. The device was **attached to the car body with magnets** and connected to a cable carrying power to one of the lights inside the car. The microphones were **attached with gum over the driver's and passenger's head seats.** There was also a battery. The power cable, battery, microphones and GPS were all connected to a transmitter. There was a SIM card inside the transmitter.

#### SOURCES

<https://roundrobin.info/2018/04/roma-trovate-microspie>

### *Cagliari, September 2018*

**Two microphones and a GPS tracker** were found in a car. The microphones were located **inside the upholstery of the car roof,** just above the driver's head. The GPS tracker was **attached to the car body with a**

GBF (Geutebrück Backup File) format, which can only be opened with the company's proprietary software. There were three files per day, each of which could be assigned to a camera. The file sizes indicated long-term and continuous video surveillance.

Another drive located in the room (a “Samsung Portable SSD T5”) contained additional GBF video files dated from September and October 2022, as well as two images taken by the IP cameras dated from August 2022 and showing the entrance of the *wagenplatz*, people and vehicles.

The whole installation was powered from a wall socket using an “Antrax SwitchBox-GSM” device which contained another SIM card, seemingly allowing the installation to be powered on and off through the mobile phone network. The IP cameras were powered by the video management device through Ethernet (using a “Delock Gigabit PoE+ Splitter” device).

#### SOURCES

<https://de.indymedia.org/node/245569>

<https://de.indymedia.org/node/264148>

## Other

### *Bavaria, November 2022*

A **camera and a microphone** were found on a bike. They were hidden **under the bike seat, inside a container resembling a tool kit.** The device consisted of a main unit connected to a camera, a microphone, a battery (Li-ion, 3.7 V, 60 Wh, 16.0 Ah), a modem (EM7565 Sierra Wireless), a SIM card, a GSM antenna and a 4G antenna (Antenova SR4L002). The camera pointed outwards through a very small hole and was directed at the entrance of the building under surveillance—it was impossible to identify it with the naked eye. A few minutes after the device was spotted and removed, the suspected spies came to retrieve the bike.

#### SOURCES

<https://aufstand.blackblogs.org/2022/11/28/bayern-kamera-und-mikro-vor-wohnung-gefunden>

# Greece

## Vehicles

### *Unknown location, August 2019*

A **GPS tracker** was found on a car. It was **attached with a strong magnet**. It was equipped with a SIM card and a battery.

#### SOURCES

<https://omniatv.com/853454297>

### *Athens, October 2019*

A **GPS tracker** was found on a motorbike. It was **attached with a strong magnet**. It was equipped with a SIM card and a battery.

#### SOURCES

<https://omniatv.com/853454297>

### *Athens, November 2019*

A **GPS tracker** was found on a motorbike. It was **attached with tape**.

#### SOURCES

<https://astinomiko.gr/νέο-κρούσμα-κοριού-σε-όχημα-πολίτη-εν>

### *Cagliari, November 2017*

**Microphones and GPS trackers** were found in a car. The microphones were located **under the upholstery of the car roof, where the windscreen and the sun shields are**. In one case the power cables reached beneath the wheel, in the other they were attached to the car lights.

#### SOURCES

<https://roundrobin.info/2018/01/microspie-a-cagliari>

### *Lecce, December 2017*

**Microphones and a GPS tracker** were found in a car. They were located **in the fuse box**. The car had been having electrical problems (the battery had discharged twice in a month, sign of an abnormal electricity consumption), presumably because of the devices.

#### SOURCES

<https://finimondo.org/node/2114>

### *Trento, December 2017*

**Microphones and GPS trackers** were found in two cars.

#### SOURCES

<https://anarhija.info/library/trentino-italia-a-proposito-di-ritrovamenti-di-microspie-e-videocamere-it>

<https://roundrobin.info/2018/01/trentino-proposito-ritrovamenti-microspie-telecamere>

### *Bologna, January 2018*

**Two microphones and a GPS tracker** were found in a car. There was also a device equipped with an antenna, a SIM card and a 16 GB memory card. The microphones were located **under the upholstery of the car roof** and the wires reached the power supply **through the car door**. The power cable was **connected to the fuse box** and to other wires located

## *Milan, September 2012*

A **listening and geolocation device** was found **on a scooter**. It was located **in the spare wheel bracket, next to the tank and behind the horn grid**. It was based on a device sold by Telit (an Italian supplier of wireless technologies). The device model was “Telit GM862-GPS”. It was capable of listening with a microphone, geolocating with a GPS antenna, and transmitting the collected information on the mobile phone network with a GSM antenna. The device was located in the spot where the tank is along with a transformer and an accumulator. Both antennas (GPS and GSM) were connected to the device and ended up in the spare wheel bracket. The microphone, also connected to the device, ended up behind the horn grid. Wires connected the device to the scooter starting system. All these components were attached to the scooter frame by strong magnets secured by tape. This scooter model doesn't have a battery (it dates back to the 1980s) and its engine generates alternating current, hence the presence of a transformer and an accumulator to power the device even when the scooter was not moving.

### EXTRA FILES

- Telit-GM862.pdf:<sup>18</sup> product description of the Telit GM862-GPS device (in English).

## *Naples, February 2013*

**Two microphones and a GPS tracker** were found in a car. They were located **in the car ceiling**. The device included SIM cards, a transformer, and antennas with a printed circuit board. The microphones were pointed towards the front seats.

### SOURCES

[https://web.archive.org/web/20150417000257/http://informa-azione.info/napoli\\_maggiori\\_dettagli\\_su\\_ritrovamento\\_microspie](https://web.archive.org/web/20150417000257/http://informa-azione.info/napoli_maggiori_dettagli_su_ritrovamento_microspie)

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<sup>18</sup><https://notrace.how/earsandeyes/extra-files/milano-2012-09/Telit-GM862.pdf>

## **Ireland**

### **Vehicles**

#### *Unknown location, March 2019*

A **GPS tracker** and a **listening device** were found in the car of an Irish republican. They were hidden **in the undercarriage of the car**. Shortly after the discovery of the device, the car owner's home was raided by the Special Detective Unit (SDU), and the car was seized.

### SOURCES

[https://republican-news.org/current/news/2019/03/harassment\\_of\\_republicans\\_dire.html](https://republican-news.org/current/news/2019/03/harassment_of_republicans_dire.html)

# Italy

## Vehicles

### *Rovereto, November 2004*

A **surveillance device** was found in a car. It was located **in the roof of the vehicle**. It was equipped with one (or two) microphone(s). It was powered by sunlight. It seemed that the device was causing interference that could be heard on the car radio.

#### SOURCES

<https://archive.elephanteditions.net/library/finger-and-the-moon>

<https://web.archive.org/web/20041221060139/http://www.infoshop.org/inews/stories.php?story=04/11/08/3242822>

### *Bologna, March 2005*

A **surveillance device** was found **in the roof of a car**. It was equipped with a microphone. It seemed that the device was causing interference that could be heard on the car radio.

#### SOURCES

[https://anarchiciferraresi.noblogs.org/files/2012/05/Il\\_bacillo\\_anarchico\\_3.pdf](https://anarchiciferraresi.noblogs.org/files/2012/05/Il_bacillo_anarchico_3.pdf)

### *Turin, June 2007*

**Microphones** were found in a car. The device was located **in the car ceiling**. It was connected to the car interior light power supply. It consisted in a modified mobile phone, an antenna and two microphones.

#### SOURCES

[https://web.archive.org/web/20100727213202/http://www.informa-azione.info/cimici\\_a\\_torino](https://web.archive.org/web/20100727213202/http://www.informa-azione.info/cimici_a_torino)

### *Bologna, June 2009*

A **GPS tracker and microphones** were found in a car. The device was located **in a plastic container (badly) stuck under the roof**. It contained two boxes, both of which included a SIM card. From there wires went out, through a hole, up to under the back seats. There were two microphones along the seat belt canal: the first at the driver's height, the second at the height of the levers used to adjust the seat, next to the back seats. The antenna was behind the back seat. Finally, still coming from these two boxes, a wire went through the car doors to reach the car fuse box.

#### SOURCES

[https://web.archive.org/web/20090706091118/http://www.informa-azione.info/bologna\\_microspia\\_in\\_auto\\_0](https://web.archive.org/web/20090706091118/http://www.informa-azione.info/bologna_microspia_in_auto_0)

### *Lecco, April 2010*

A **GPS tracker and a microphone** were found in a car. The device was located **between the car body and the interior coating, attached with two magnets**. It was connected to the car power supply by the car interior light wires. It consisted in a modified mobile phone, an antenna, a GPS and a microphone.

#### SOURCES

[https://web.archive.org/web/20100826024739/http://www.informa-azione.info:80/lecco\\_trovata\\_quotcimicequot\\_nell039auto\\_di\\_un\\_compagno](https://web.archive.org/web/20100826024739/http://www.informa-azione.info:80/lecco_trovata_quotcimicequot_nell039auto_di_un_compagno)

### *Unknown location, May 2010*

A **GPS tracker** was found under a truck. It was **attached with a magnet under the back of the vehicle**. It consisted in SIM cards connected to 4 “torch” batteries in a series.

#### SOURCES

[https://web.archive.org/web/20170709124558/http://cettesemaine.info/spip/article.php3?id\\_article=3216.html](https://web.archive.org/web/20170709124558/http://cettesemaine.info/spip/article.php3?id_article=3216.html)