

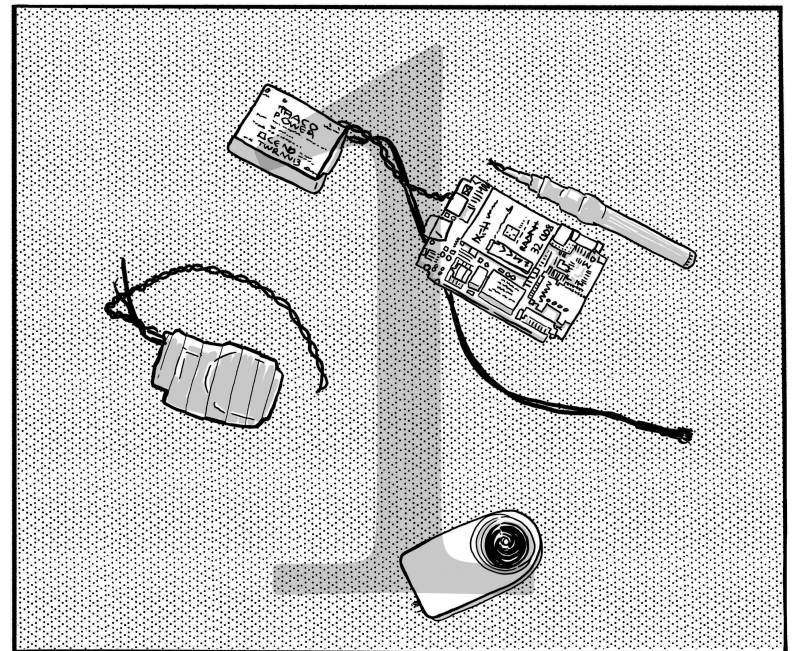
# Ears and Eyes

With 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.

Part 1/2

Belgium-Ireland



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.

# 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.

#### PICTURES



#### 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)

#### Ears and Eyes, With Pictures

##### Part 1/2: Belgium–Ireland

Part 2/2: Italy–Unknown country

#### Original text in English

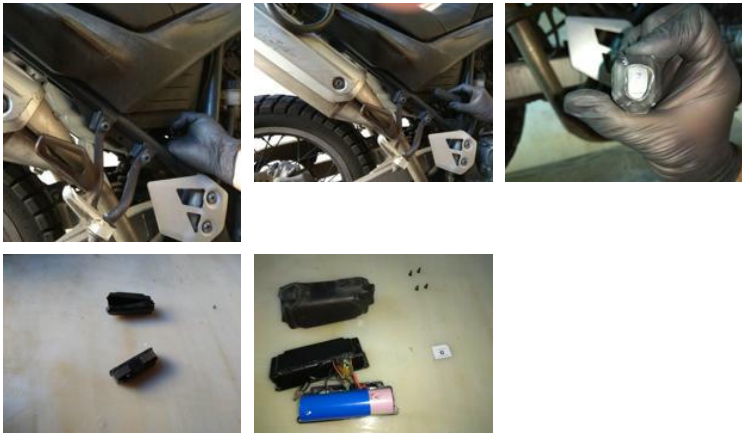
No Trace Project

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

March 3, 2025

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

PICTURES



SOURCES

<https://omniatv.com/853454297>

*Athens, November 2019*

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

PICTURES



SOURCES

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

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# 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>

Hidden physical surveillance devices are typically used by law enforcement and intelligence agencies to obtain information

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

# 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.

#### PICTURES



#### 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.



Antrax SwitchBox-GSM (2)

#### 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>

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.

### *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.
- 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:



Video management device (2)



Video management device (3)



Video management device (4)



SIM cards (1)



SIM cards (2)



Delock Gigabit PoE+ Splitter (1)



Delock Gigabit PoE+ Splitter (2)



Video management device SSD (1)



Video management device SSD (2)



Images on the other drive—censorship added after the fact (1)



Images on the other drive—censorship added after the fact (2)



Antrax SwitchBox-GSM (1)

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

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

## PICTURES



Sony camera (1)



Sony camera (4)



Sony camera (2)



Sony camera (5)



Sony camera (3)



IP cameras (1)



IP cameras (2)



IP cameras (3)



IP cameras (4)



IP cameras (5)



IP cameras (6)



Video management device (1)

- 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.

## 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.

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

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

## 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”.
- 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.

## 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 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://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.

## PICTURES

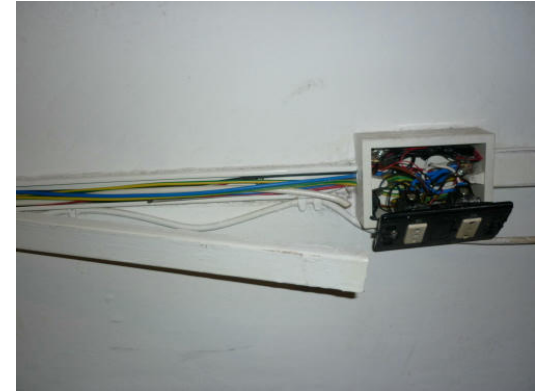


## SOURCES

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

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

## 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

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

vehicles, when searching a bike,<sup>7</sup> you can determine with a high degree of confidence whether or not a bug is present.

- 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

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

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



Power cable reaching the socket



The social center as it was viewed by the camera



Line of sight between the camera and 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.

### PICTURES



# 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.

### PICTURES



### 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.

### PICTURES



The camera during the night

The camera during the day

Power cable on the roof

take place outdoors and without electronic devices.<sup>9</sup>

## Methodology

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

- 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.

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

# 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.

#### PICTURES



#### SOURCES

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



The car, on which signs were put to draw attention to the presence of the cameras (2)

#### 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.

#### PICTURES



#### SOURCES

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

## *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.

### PICTURES



The car, on which signs were put to draw attention to the presence of the cameras (1)

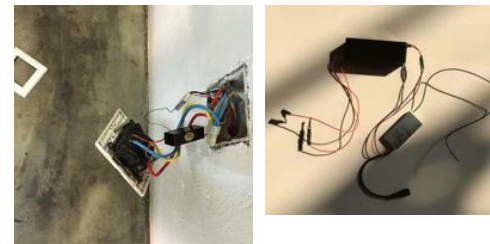
## China

### Buildings

#### *Beijing, October 2015*

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

### PICTURES



### 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*

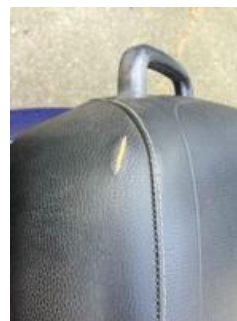
A **GPS tracker** was found under a car. It was located **in the lower right body frame**. According to the authorities, the tracker had been installed in May 2020.

#### 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://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.

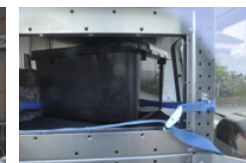
#### PICTURES



The minibus, with a sheet attached to block the camera lens (1)



The minibus, with a sheet attached to block the camera lens (2)



#### SOURCES

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



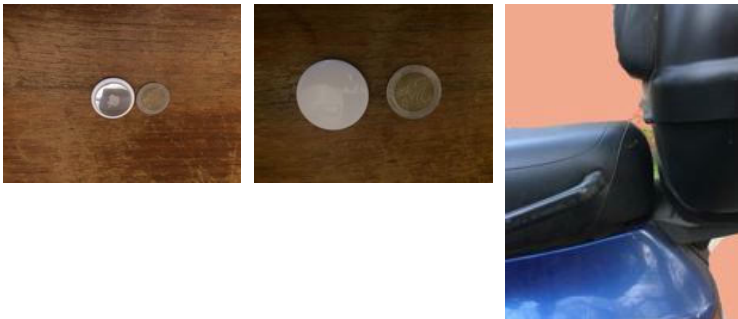
#### SOURCES

<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.

#### PICTURES



#### PICTURES



#### SOURCES

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

### *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.

#### PICTURES



Overview



Camera



Open



Router



Antennas

#### 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

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

#### PICTURES





#### SOURCES

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

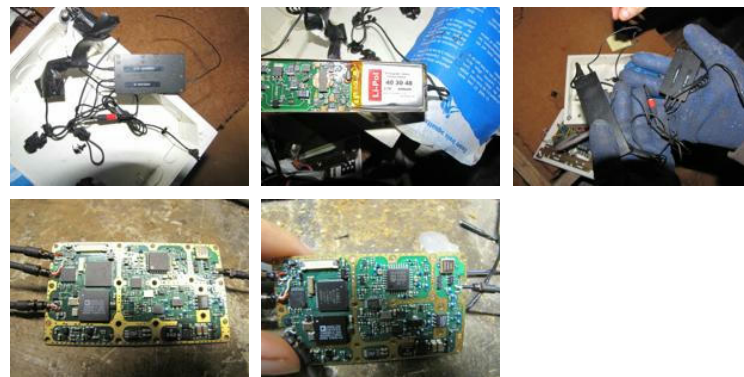
### ***Berlin, August 2022***

**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**.

board and a battery. It was seemingly installed during a house search by police earlier in the month.

#### PICTURES



#### 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.

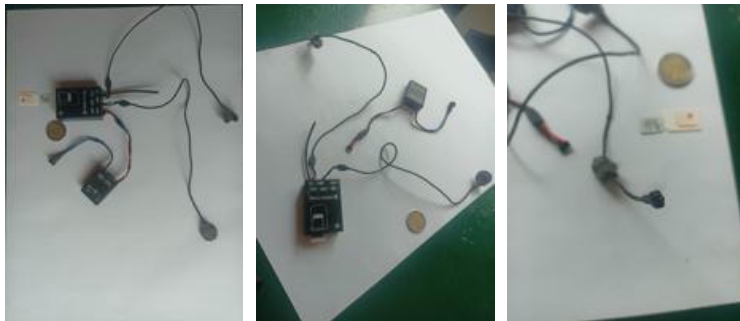


- When the device was “activated” by the sound level, it transmitted data over the mobile phone network (presumably the audio data captured by its microphone), generally at a rate of a few KB/s, with peaks of 100 KB/s.
- The temperature of the device varied between 14°C and 50°C, with an average of 22°C. Its temperature rose sharply when it was transmitting data.

#### 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).

#### PICTURES



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

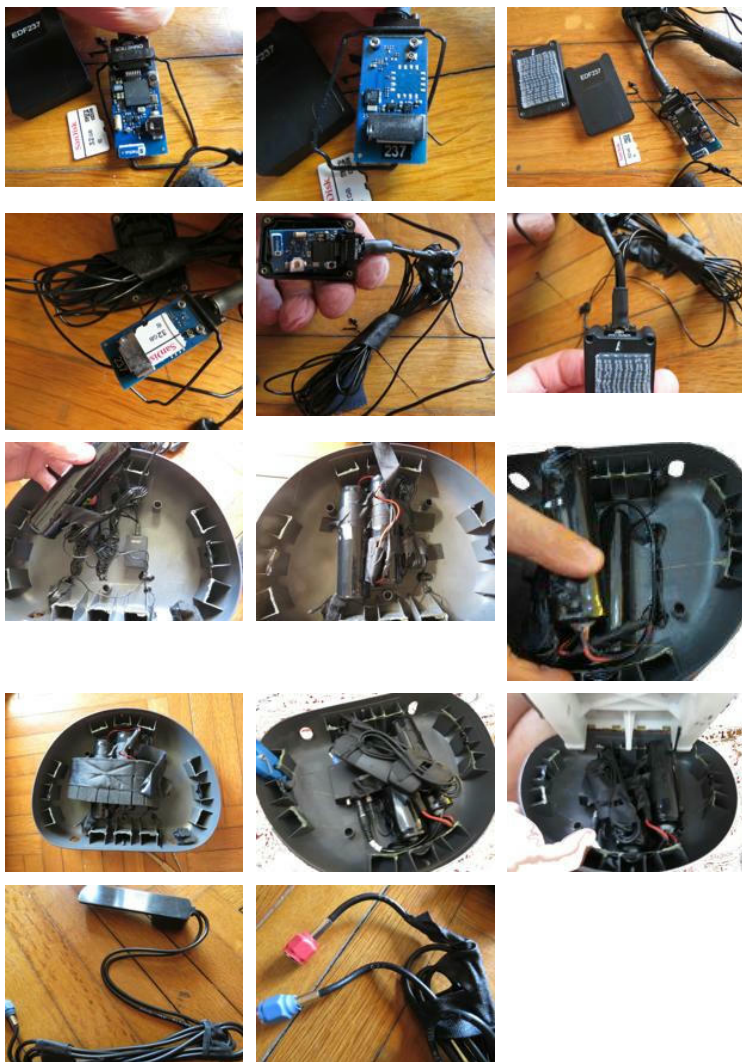
<sup>12</sup><https://notrace.how/earsandeyes/extra-files/paris-2022-04/RB800-fr.pdf>

**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.

#### PICTURES





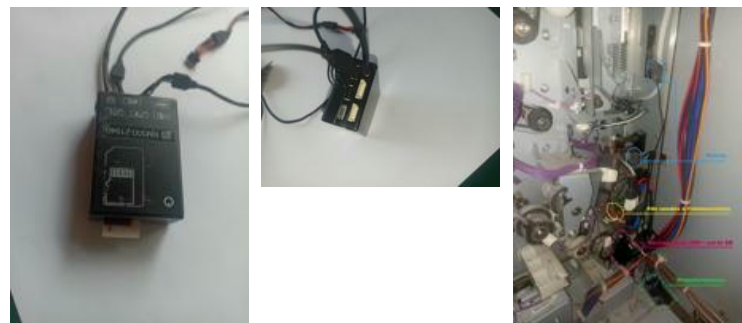


#### SOURCES

<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**



Blue: microphones;  
yellow: wires soldered to the power supply; pink: small box with SIM card + SD card; green: transformer.



#### SOURCES

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

## 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.

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

#### EXTRA FILES

- BOLYGUARD-MG983G-en.pdf:<sup>13</sup> user manual of the “BOLYGUARD MG983G” camera (in English).

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

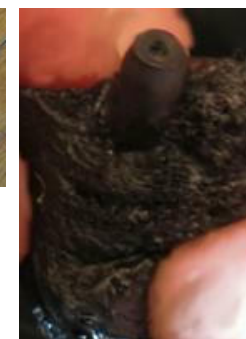
equipped with an SD card, but there were no more audio files stored in it. The SD card was apparently used as a storage medium for the operating system data and for temporary storage of the recorded data. According to what was known at the time of discovery, the GPS tracker was installed in August 2019 and the listening device in or after September 2019. The devices were presumably installed by the BKA (Bundeskriminalamt, Federal Criminal Police Office).

#### PICTURES



1: control unit; 2: batteries; 3: GPS antenna; 4: microphone; 5: SIM card.

2: the two batteries of the listening device; 4: microphones connected to the listening device; 6: dismantled listening device; 7: SD card.



## 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

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

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

### PICTURES



One of the two cameras of model “BOLYGUARD MG983G”

### 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.

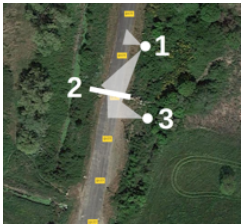
<sup>14</sup><https://notrace.how/earsandeyes/extra-files/sarthe-2018-09/BOLYGUARD-MG983G-fr.pdf>

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



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

#### PICTURES



1: first camera group; 2: portal; 3: second camera group.

#### SOURCES

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

### *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 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).

#### PICTURES



GPS tracker



GPS tracker



GPS tracker and antenna



GPS tracker open



GPS tracker open with SIM card



GPS antenna and SIM card

#### SOURCES

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

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

## PICTURES



## 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.

## PICTURES



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

## PICTURES



## 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.

## PICTURES





## 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).