Flipper Zero
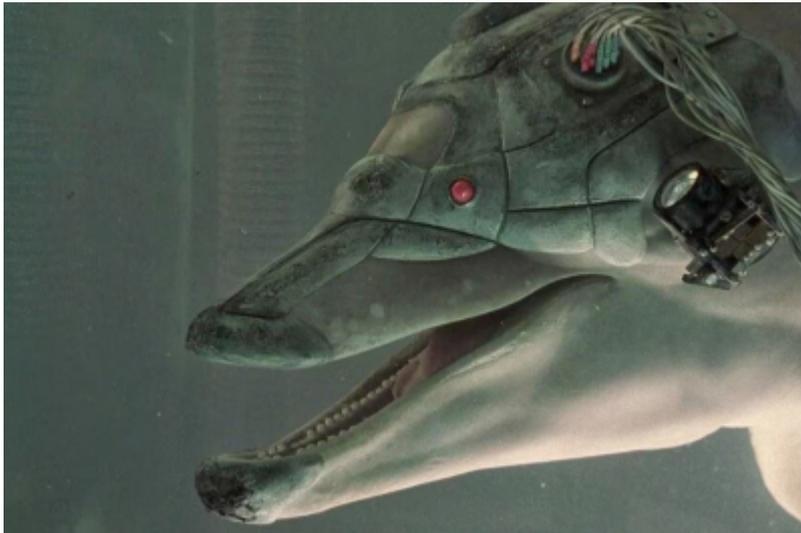

References

- Capture radio signal with a wire - https://www.instagram.com/flipper_zero/reel/C5l_ZNrIHV8/
- Detect RF ID signal https://www.instagram.com/flipper_zero/reel/Cwz2pA5LrPU/
- https://github.com/xMasterX/all-the-plugins/tree/dev?tab=readme-ov-file → https://github.com/antirez/protoview
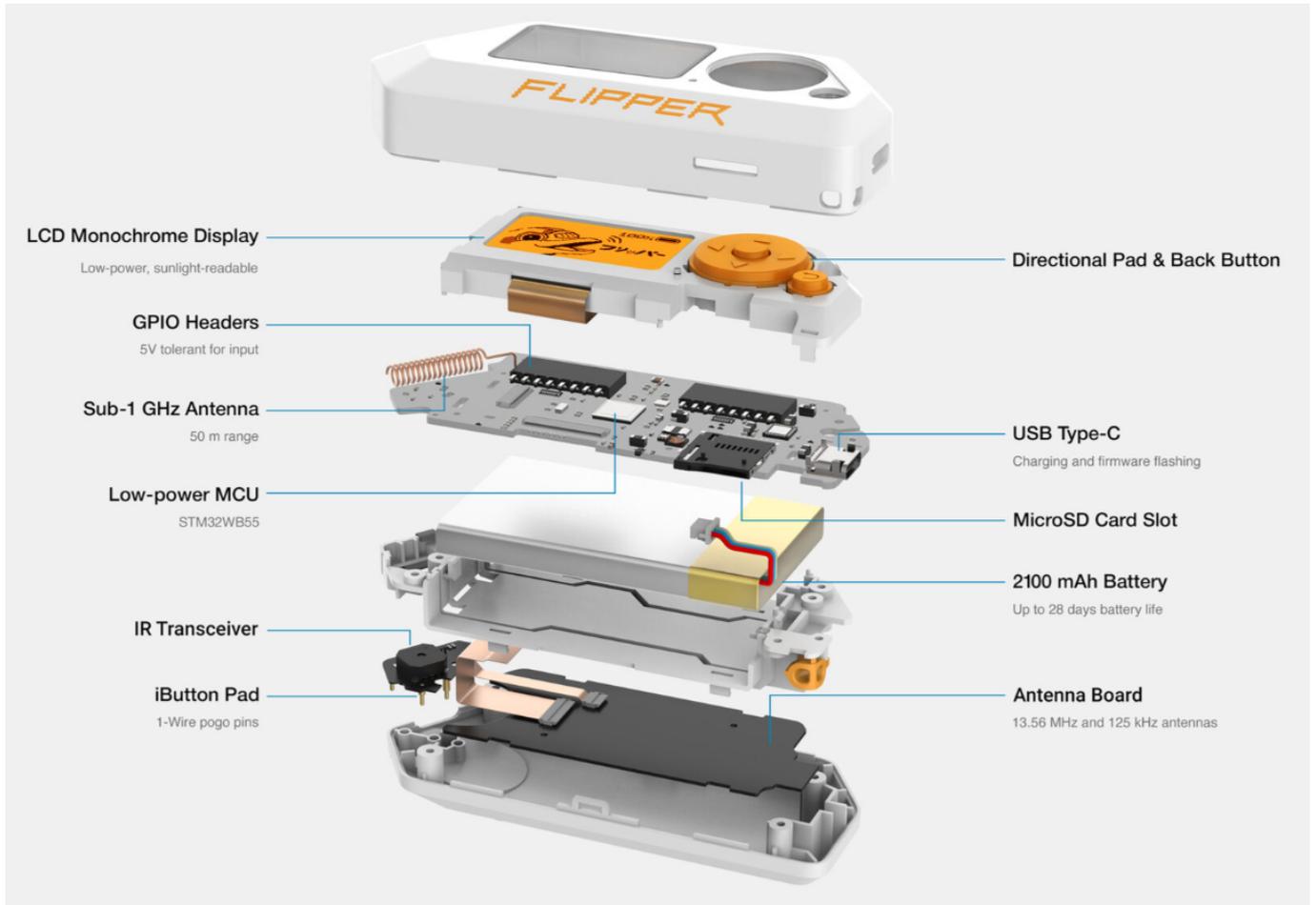
Brief hacklab

Título: Flipper ~~Zero~~ (-1), o los flipper de pobre

En esta ocasión en el hacklab medellín, exploraremos el dispositivo Flipper Zero, las herramientas de hardware que tiene disponible y la comunidad que lo respalda que lo hace tan potente.
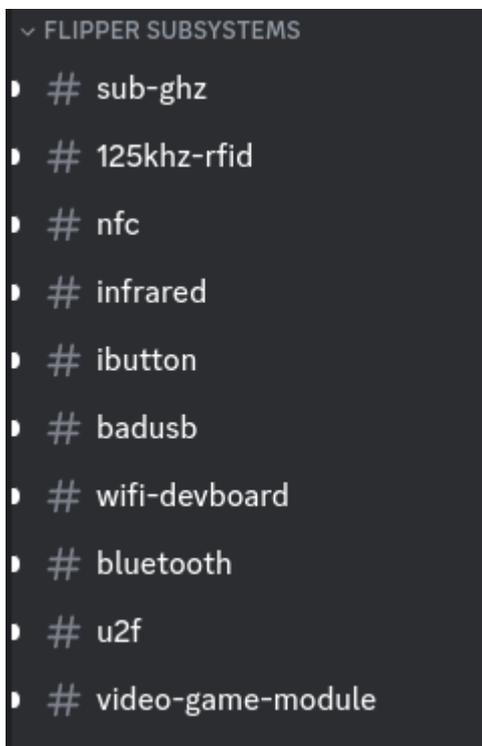
Haremos un recuento de las posibilidades por cada Subsistema del dispositivo y se realizarán algunas prácticas con dispositivos alternativos de bajo costo que se tendrán en el auditorio.

Hardware

LCD Monochrome Display
Low-power, sunlight-readable

Directional Pad & Back Button

GPIO Headers
5V tolerant for input

Sub-1 GHz Antenna
50 m range

USB Type-C
Charging and firmware flashing

Low-power MCU
STM32WB55

MicroSD Card Slot

2100 mAh Battery
Up to 28 days battery life

IR Transceiver

iButton Pad
1-Wire pogo pins

Antenna Board
13.56 MHz and 125 kHz antennas

1) 2)

⌄ FLIPPER SUBSYSTEMS

▸ # sub-ghz

▸ # 125khz-rfid

▸ # nfc

▸ # infrared

▸ # ibutton

▸ # badusb

▸ # wifi-devboard

▸ # bluetooth

▸ # u2f

▸ # video-game-module

Alternative firmwares

DIY alternatives

- https://awesome-flipper.com/firmware/
- https://github.com/justcallmekoko/ESP32Marauder/wiki/faq
- https://github.com/h-RAT/Willy_Firmware_V2_ESP32_Flipper_Zero_Alternative|https://www.youtube.com/watch?v=zD0cTrAu4jc
- https://www.hackster.io/pablotrujillojuan/hackbat-1dfdbc
- https://capibarazero.com/
- https://github.com/OceanTroop/orca-one
- https://github.com/bigbrodude6119/flipper-zero-evil-portal/tree/main
- https://github.com/risinek/esp32-wifi-penetration-tool on esp.huhn.me → 0x8000 partition-table.bin 0x1000 bootloader.bin 0x10000 esp32-wifi-penetration-tool.bin

- https://www.youtube.com/watch?v=sSJuGXd8QRk
- https://github.com/wasdwasd0105/SuperWiFiDuck
- https://duckify.huhn.me/docs/about
- https://wifiduck.com/
- https://docs.hak5.org/hak5-usb-rubber-ducky/duckyscript-tm-quick-reference
- https://deauther.com/
- https://github.com/adamff-dev/ESP8266_WiFi_Captive_Portal_2.0
- https://github.com/shinyxn/ZeroTwin
- https://github.com/p3tr0s/PhiSiFi
- https://www.youtube.com/watch?v=ntm1iTQdCzE
- https://github.com/infinition/Bjorn
- https://www.reddit.com/r/esp32/comments/1fsejkl/added_previous_versions_to_cym_webflasher/
- https://github.com/Fr4nkFletcher/ESP32-Marauder-Cheap-Yellow-Display?tab=readme-ov-file
- https://fzeeflasher.com/
- https://github.com/justcallmekoko/ESP32Marauder/wiki/update-firmware
- https://www.amazon.com/-/es/pantalla-ESP-WROOM-32-inteligente-Bluetooth-Development/dp/B0DBQ6PQWW
- https://github.com/Spooks4576/Ghost_ESP | https://spookytools.com/
- https://momentum-fw.dev/
- https://github.com/joelsernamoreno/EvilCrowRF-V2
- https://i.imgur.com/Alnfp9x.png
- https://lab.flipper.net/apps

1)

https://www.vice.com/en/article/meet-flipper-the-tamagotchi-you-feed-by-hacking-stuff/

2)

https://pvs-studio.com/en/blog/posts/1075/

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