MEMO

Anesidora Corporation

Recipient	Visitors of Hacker Hotel	From	Anesidora team
Subject	Your Hacker Hotel Banana Badge	Date	14-02-2025

You have it! The Hacker Hotel banana. We had the stupid idea to make a banana into a infrared blaster and got it to work (making it not stupid).

The first step of making your badge work is attaching the battery. Insert the cable with the red cable on top into the white socket and stick the battery to the empty area on the badge. The badge can be turned on with the on/off switch behind the trigger.

5 shots can be made by pulling the trigger, and the banana can be reloaded by pressing the trigger up. By default the 5 LEDs show the amount of shots left, indicated by LED D1 being green. When all shots are depleted the LED will turn red.

The mode of these LEDs can be changed with the buttons next to them. D1 being blue indicates the amount of times the badge has been hit. In the red mode leds 1 to 4 show the battery voltage, and led 5 shows if the battery is charging.

The team of the badge can be changed with switch 1. You can pick between red and green and you can't shoot your own team.

The badge is running Circuitpython. The code can be modified by connecting the badge via USB and opening the storage device that appears. Note that this can break compatibility with the other badges. A mechanism for adding modes with different functionality is available in the code, and can be accessed by pushing the trigger forward. The next mode available is a night mode which turns off most of the LEDs when charging the battery

The original code and firmware can be found on https://anesidora.nl, together with more documentation about the code and the hardware. Questions about the badge can be asked in the badge channel on the Hacker Hotel discord, or by finding one of the badge creators at the event.

We wish you lots of fun with the badge and happy hacking!