

Manual Pelletcam v2.1

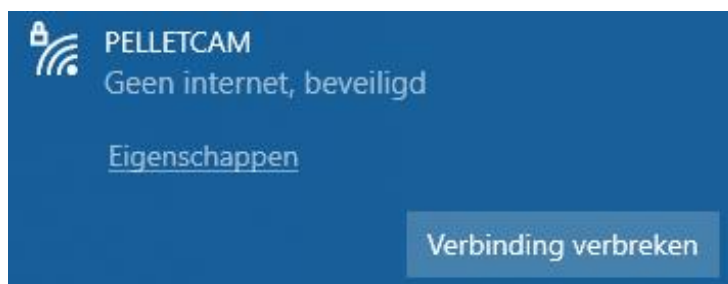
English version

- First you need to connect the Pelletcam to your PC via the USB port. This is to power the device.
- Wait a while and then connect to the Pelletcam's Wi-Fi network.

Password is "PELETCAM"



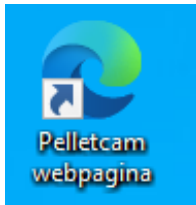
Make sure you're definitely connected. It is normal to see that there is no internet connection.



- Use the web page to test whether the camera is set up correctly and adjust the intensity of the light if necessary. Do this twice.

Click *capture*, wait for the photo to be taken; This will last until the light is no longer on

Then click on *refresh* so that the photo can load. (! loading is not automatic)



- Now open the program via the link on the desktop



You'll get a terminal screen. Click enter if the described path is correct (it has to be named like in the picture below:

```
C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI>python pellet.py
provide path [ENTER for: C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI]:
```

Now you can create a new destination folder where your results will end up. In the example, this is "datum" (but best you give the folder your name followed by the date e.g: TOM10092024 (all without spaces))

```
C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI>python pellet.py
provide path [ENTER for: C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI]:
provide path [ENTER for: C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI\output]: datum
```

Press enter and then the prompt to insert a reference will appear:

```
C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI>python pellet.py
provide path [ENTER for: C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI]:
provide path [ENTER for: C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI\output]: datum
Please enter the reference pellet and press enter
```

Insert the reference tube into the device and press enter. A photo will be taken and will appear. Don't click on the "X" in the upper right corner, but in the figure so that this photo disappears.

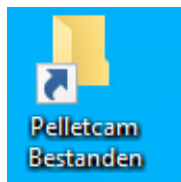
You will be asked to enter a sample. Give your sample a name (e.g. "sample1" but better that you provide info; for instance if you tested the LB21 + pOBL361 strain on 10mM Lactose, the name could be pOBL361_10mM) and press enter. Again, a photo will appear that you are not allowed to delete by clicking on the "X". But click in the picture.

```
C:\ PELLET CAM
C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI>python pellet.py
provide path [ENTER for: C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI]:
provide path [ENTER for: C:\Users\labo\Documents\PelletCam-OPENBIOLAB-AI\output]: datum
Please enter the reference pellet and press enter
Please provide an image tag or 'r' for a new reference pellet or enter 'q' to quit: sample1
```

Repeat until you have measured all the samples.

Type q in the terminal to exit

You can view the files of your session by clicking on the button :



You may empty the contents of this folder after each session. Just make sure you've saved the files elsewhere first.