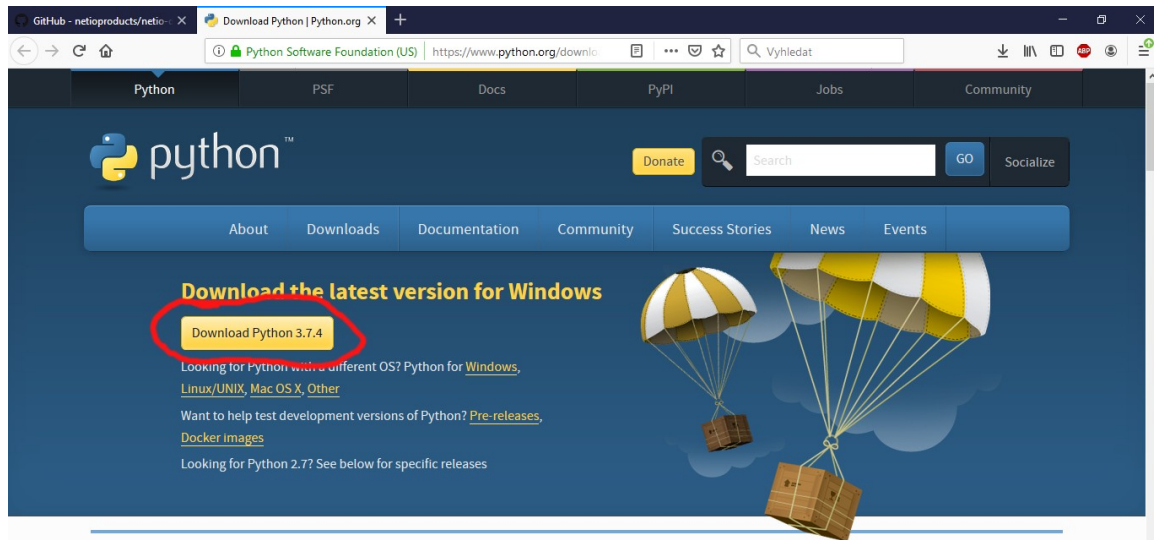


NETIO DATA COLLECTOR

Windows setup

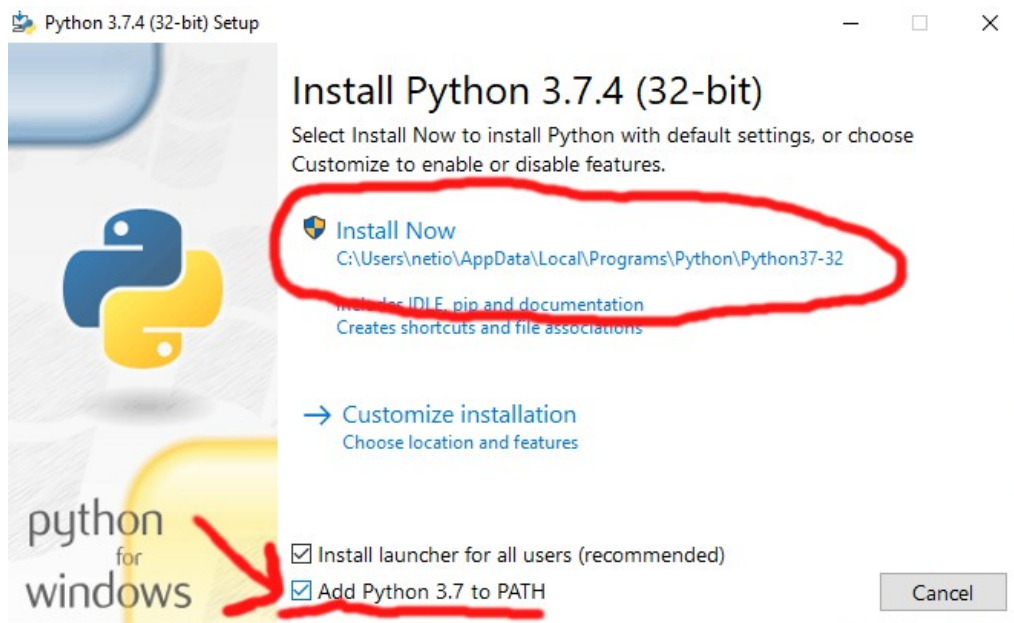
1. Download and install Python 3.7

(a) Download Python from: <https://www.python.org/downloads/>



(b) Open downloaded file

(c) Install python with „Add Python 3.7. to PATH“ checked

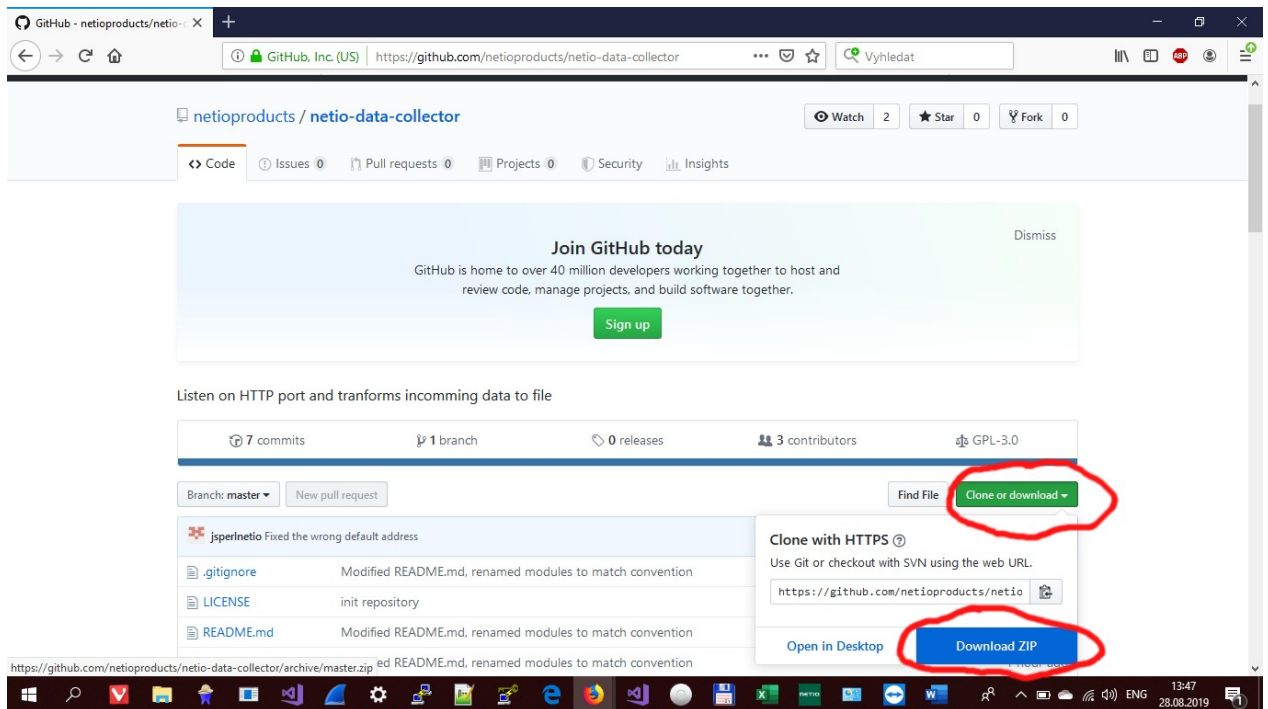


(d) Finish installation

2. Download and run netio-data-collector free utility

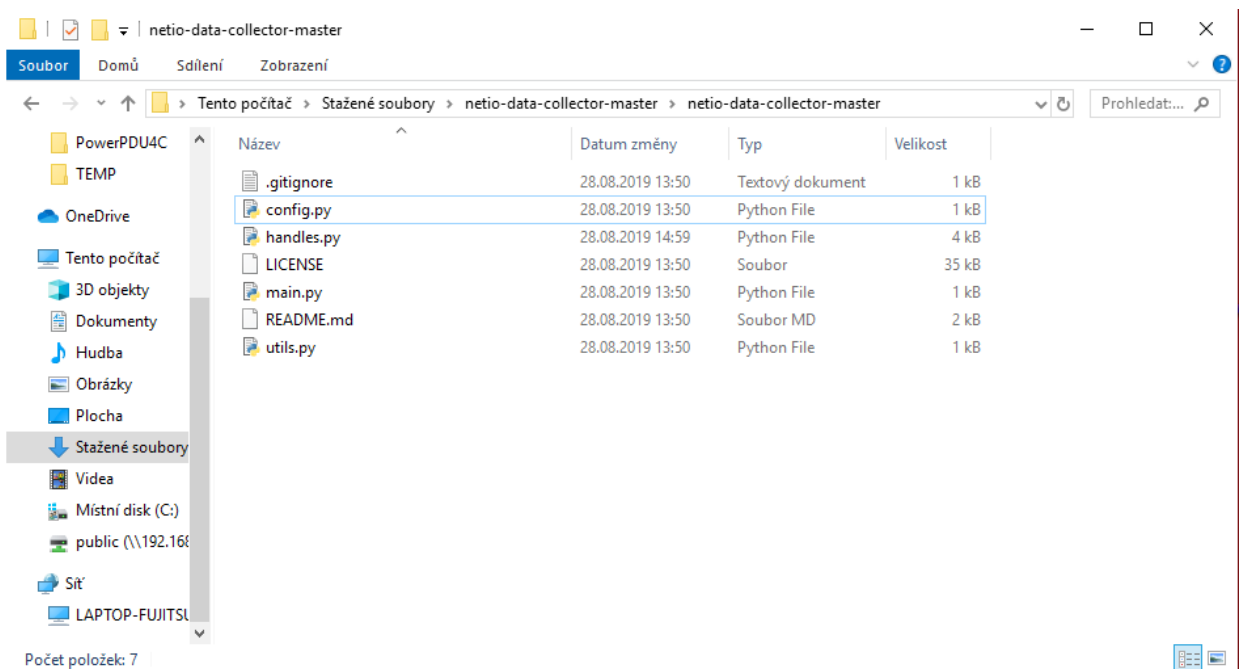
(a) Open website <https://github.com/netiopproducts/netio-data-collector>

(b) Download ZIP archive with utility



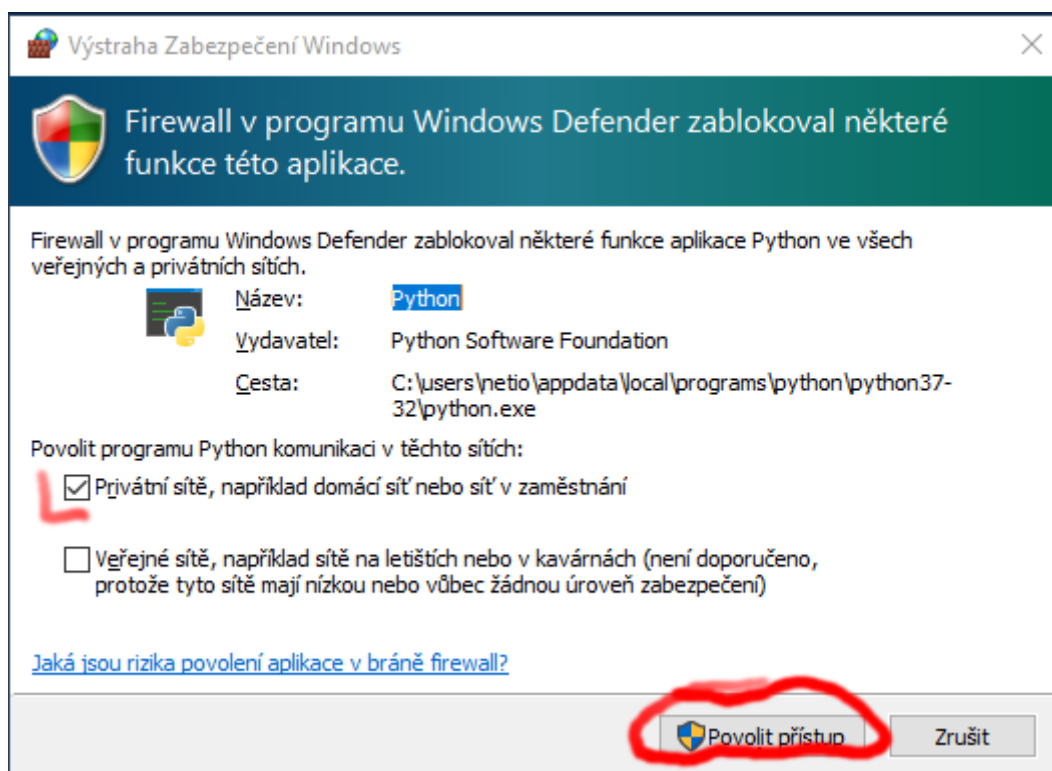
(c) Extract and save to the disk

(d) Open the folder with extracted files. You should see something like in the picture below:

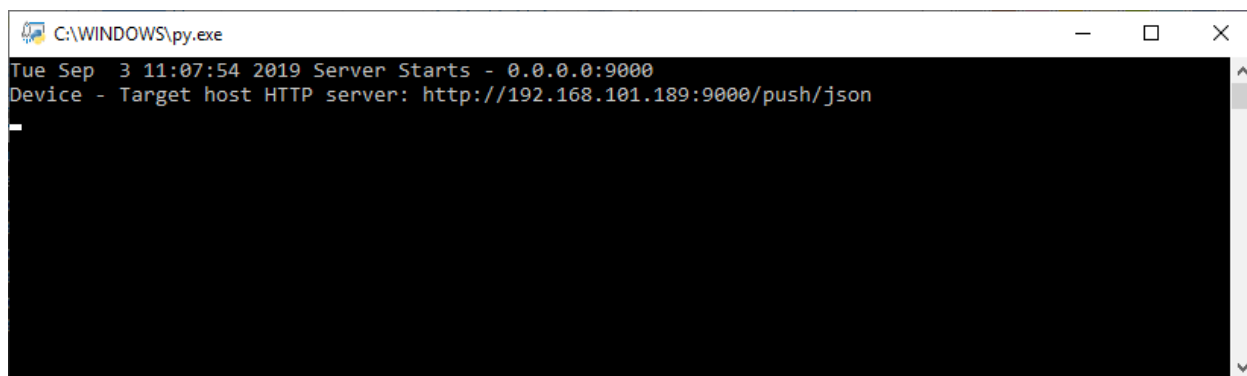


(e) Run the application with „Mouse Double click“ on **Main.py**

(f) Allow windows firewall permission (In most cases is enough to click allow)



(g) You should see the netio-data-collector application command line (the picture below)



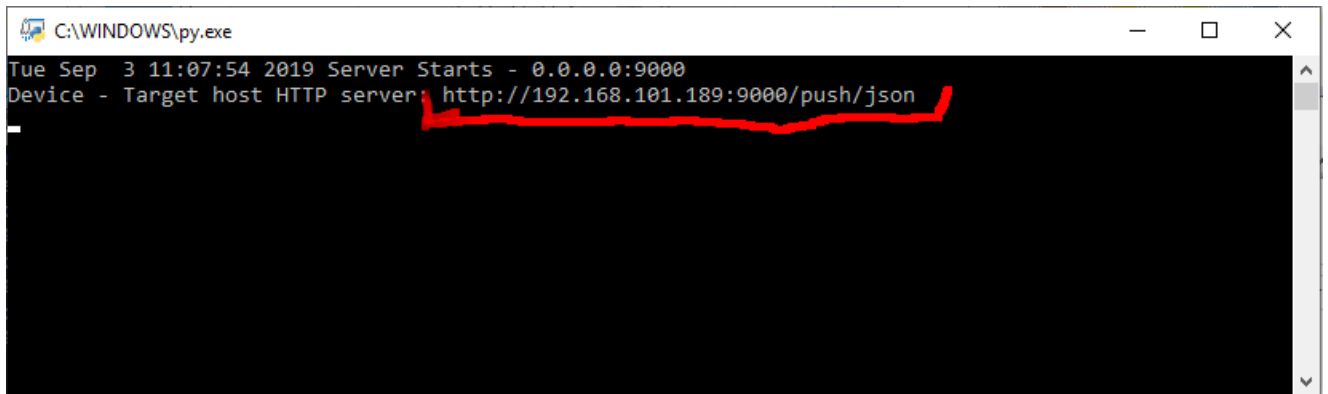
PowerCable setup

1. Connect cobra to wifi using our QIG Guide

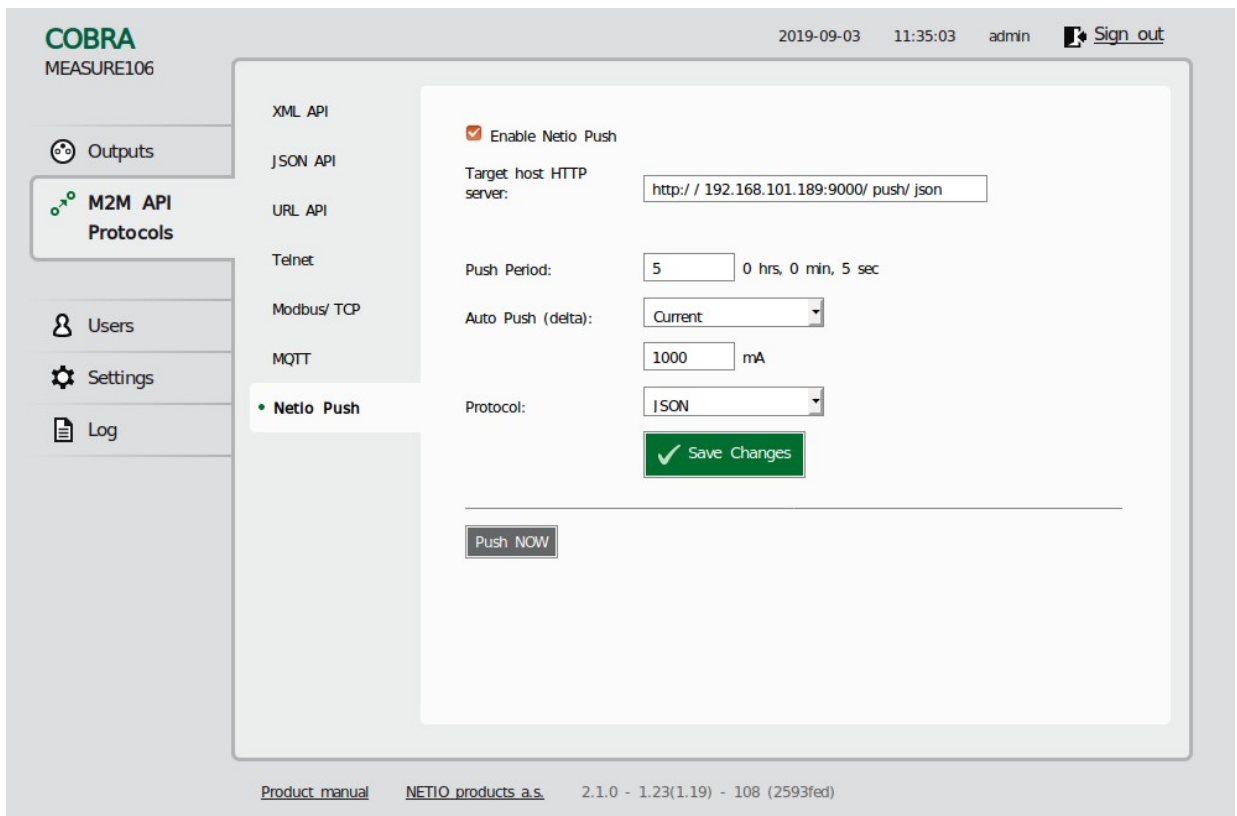
Follow the Quick Installation Guide for powercable

2. Setup M2M API – NETIO Push

- (a) Login to cobra **WEB configuration** interface as admin/admin
- (b) Go to **M2M API / NETIO push**
- (c) Copy address from your windows app to **Target host HTTP server** field in PowerCable WEB interface. (address in windows server app marked in picture below)

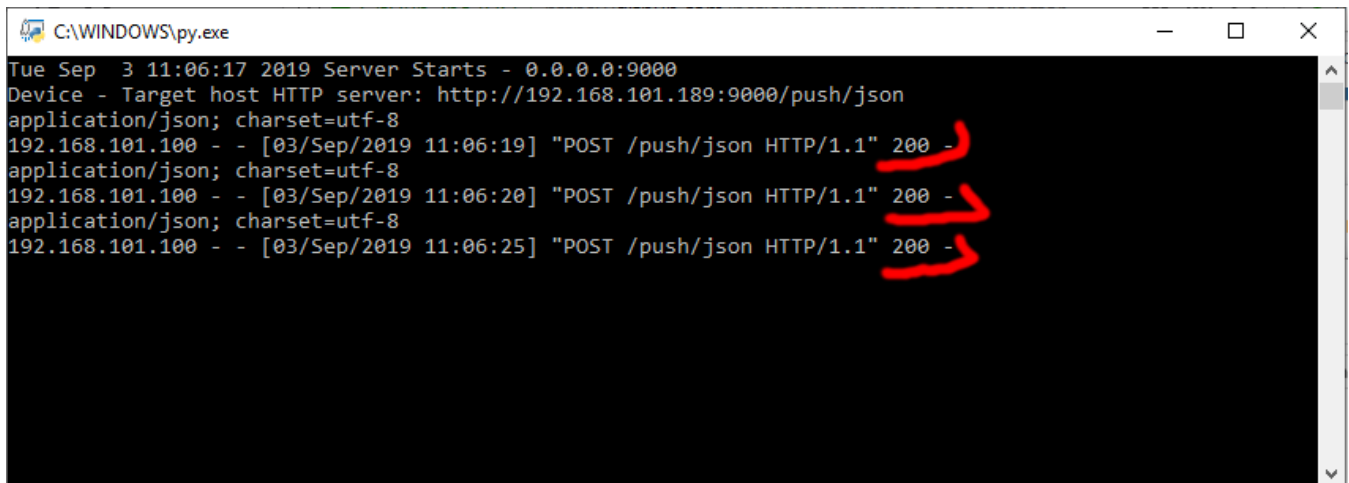


- (d) Set Netio Push according to the picture below



(e) Click **Save** and if asked click confirm

(f) Now PowerCable (Cobra) sends measured data periodically to your PC. When everything is OK. You should see something like in the picture below. Number 200 means that everything works OK

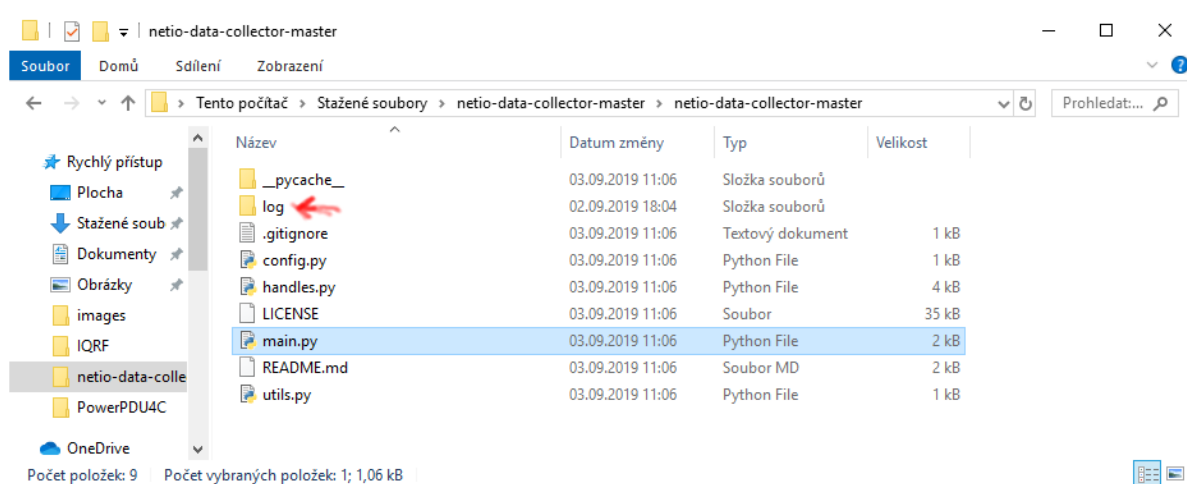


```
C:\WINDOWS\py.exe
Tue Sep  3 11:06:17 2019 Server Starts - 0.0.0.0:9000
Device - Target host HTTP server: http://192.168.101.189:9000/push/json
application/json; charset=utf-8
192.168.101.100 - - [03/Sep/2019 11:06:19] "POST /push/json HTTP/1.1" 200 -
application/json; charset=utf-8
192.168.101.100 - - [03/Sep/2019 11:06:20] "POST /push/json HTTP/1.1" 200 -
application/json; charset=utf-8
192.168.101.100 - - [03/Sep/2019 11:06:25] "POST /push/json HTTP/1.1" 200 -
```

The screenshot shows a Windows command prompt window titled "C:\WINDOWS\py.exe". The output text indicates a server starting on 0.0.0.0:9000 and a device sending data to a target host. Three consecutive HTTP POST requests from 192.168.101.100 to the target host are shown, each resulting in a 200 status code. Red handwritten arrows point to the "200" status codes in the log entries.

See logged data (CSV)

(g) In the folder with netido-data-collector app should appear directory „log“



(h) Open the folder and you should see CSV table data for every device (sn numbers)

