

How to use the upload tool for PC

Instead of using the naneos app, one could also use a small program to send data to the naneos IoT cloud.

The upload tool transmits measurement data from Partector 2 devices to our IoT cloud service. These can be connected to the computer by USB or wireless. Be sure you enable wireless on the Partector 2 if needed (info->config). Both options can be combined with any number of devices.

The prerequisite for the following steps is that you have already set up an IoT account and registered your devices.

To do so, read this document:

[How to register for naneos IoT plattform.pdf](#)

This piece of software is also available under the python package index PyPI. If you would like to integrate this code in your own project, write to iot@naneos.ch

To use the upload tool on your Windows PC, download the following executable:

[naneos_upload.exe](#)

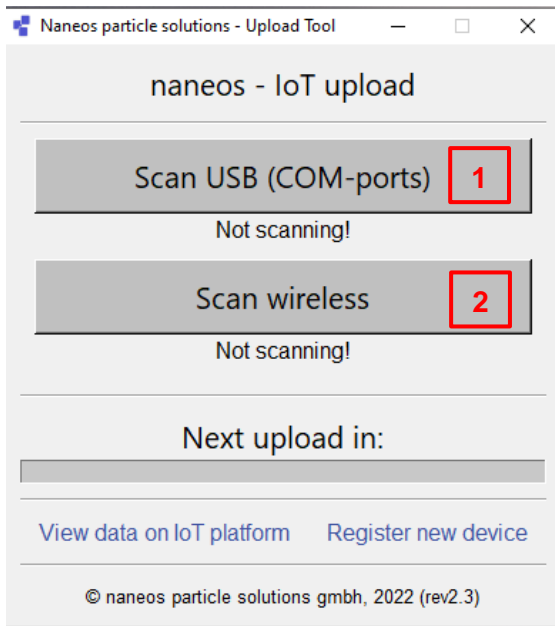
Run the executable by double-clicking on it.

Even though we have signed the software, a warning may come from Windows Defender.

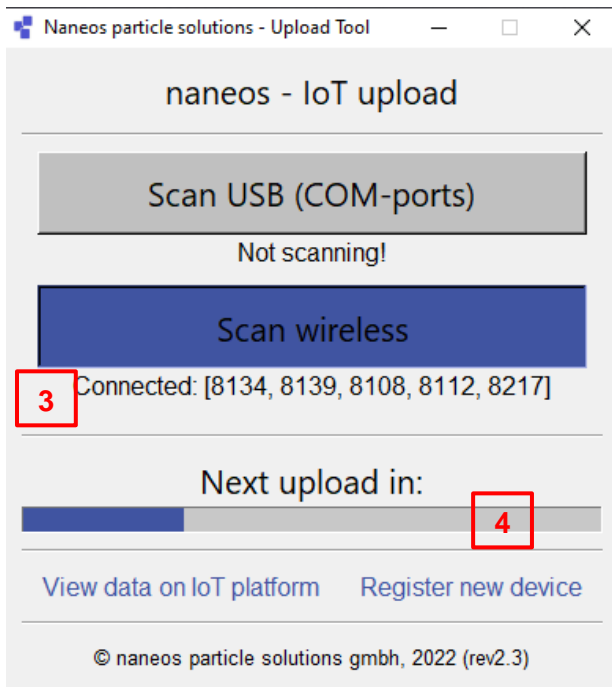
Please click here on "More information" and then on "Run anyway".



Now the following window appears.



Buttons 1 and 2 activate the corresponding feature. If P2 devices are connected to the computer by USB, Button 1 can be used to establish a serial connection. Clicking Button 2 activates Bluetooth on the computer and automatically searches for P2's within range. Both options are possible on their own or in combination. Uploading data happens automatically when there is an internet connection.



Below the buttons (3) you can see the serial numbers of the devices that are connected or can be seen by the computer. Their data will be aggregated and uploaded to the IoT measurement data cloud.

The software does not continuously send data to the cloud. It aggregates a set of data and if the progress bar (4) is full, a data upload will be initiated.