

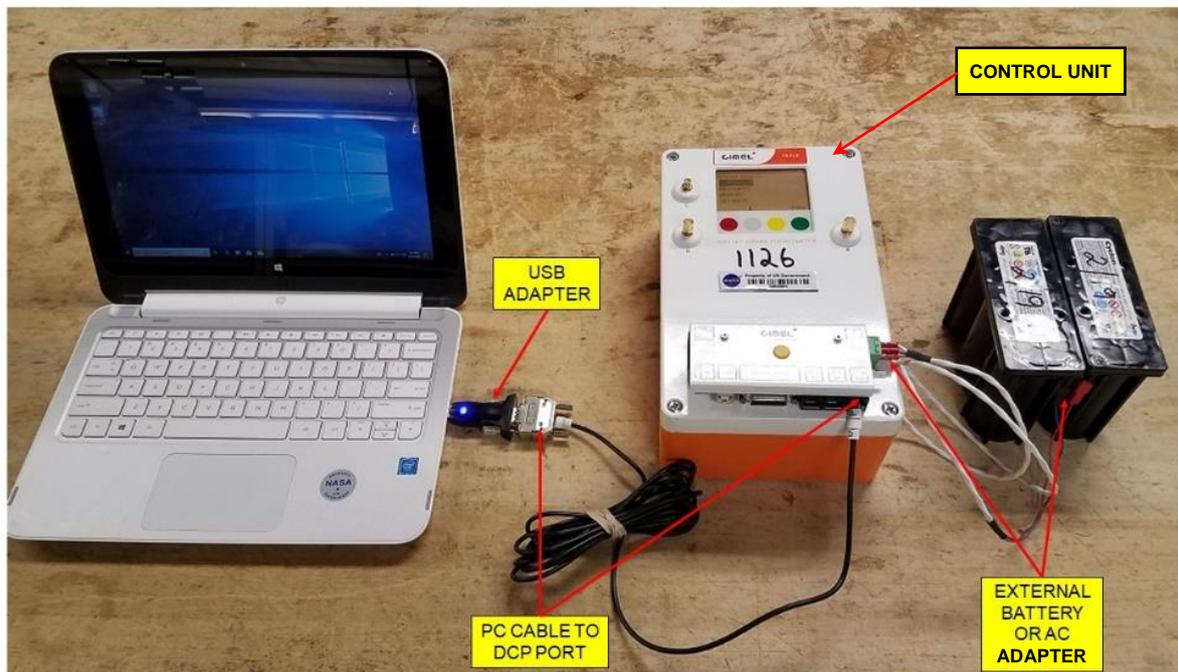
## CE318-T photometer procedure

### Firmware Update of the Control Unit

By following this procedure, you will update your control unit with the last firmware version available. This procedure allows you to keep the settings of the control unit of the CE318-T photometer.

You will need an internet connection and the equipment represented on the picture below.

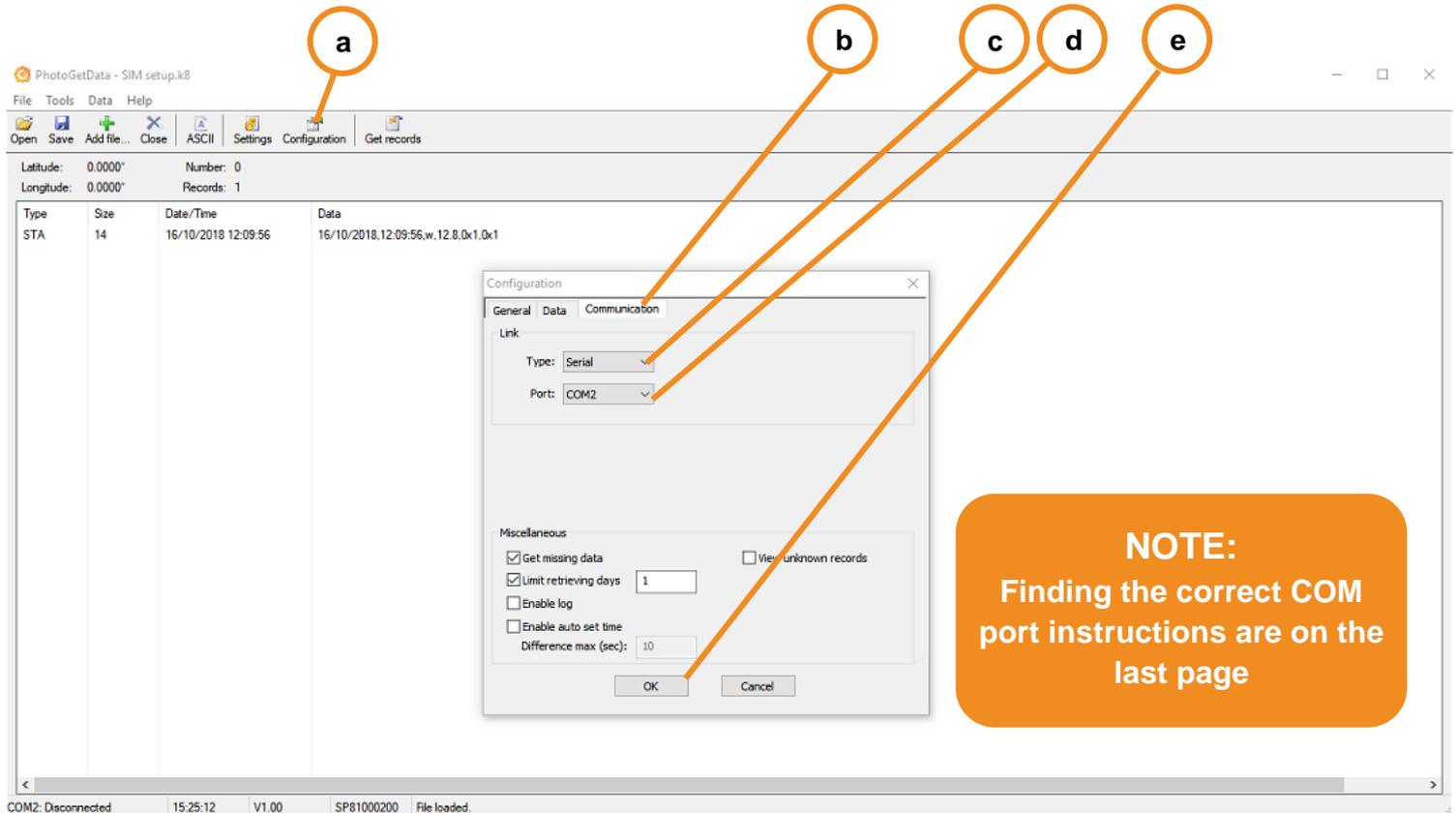
1. Connect the PC to the control unit with the PC cable and USB serial adapter
2. Connect power to the control unit with either the battery or AC adapter
3. On the control unit, under “**Settings**”, turn Auto “**off**”



*It is possible to proceed to this update on site (by plugging directly the control unit inside the enclosure) and not only indoor (like in the upper picture).*

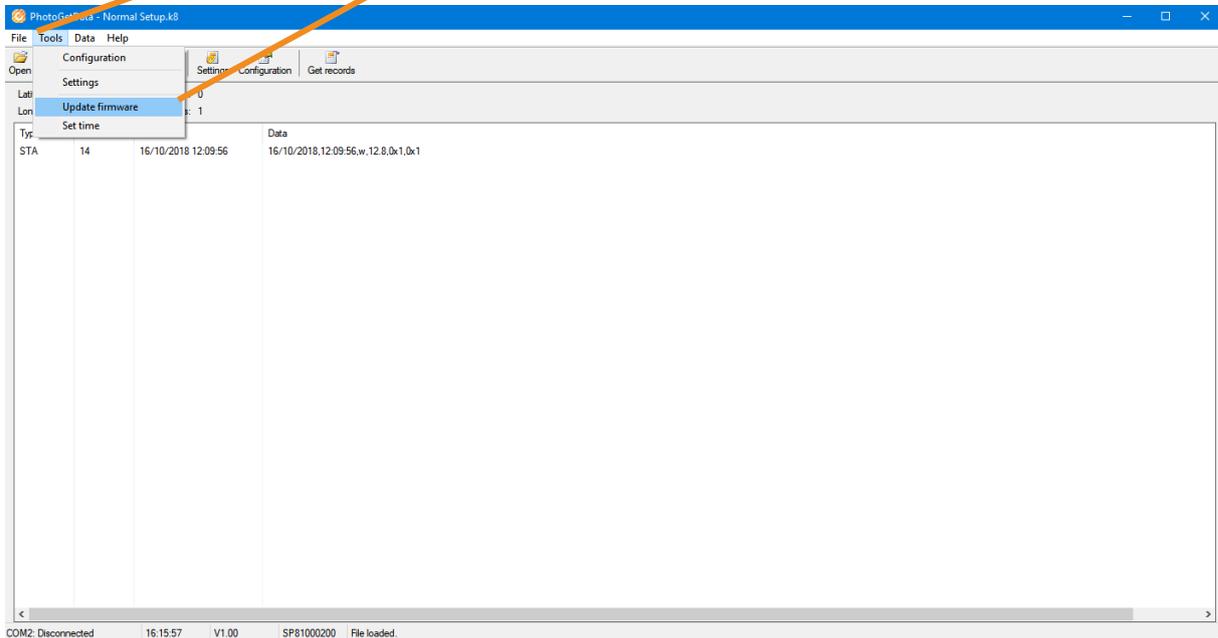
4. Download and install the **PhotoGetData** software from Cimel's website:  
[http://support.cimel.fr/down/SETUP\\_PhotoGetData.exe](http://support.cimel.fr/down/SETUP_PhotoGetData.exe)
5. Download, install and run the **CIMEL UPDATE** from here:  
[http://support.cimel.fr/common/softupg\\_us.html](http://support.cimel.fr/common/softupg_us.html)

- Open PhotoGetData and click the a) **“Configuration”** menu item and choose b) **“Communication”** tab, Choose c) **“Serial”** for Type and the appropriate d) **“COM port”** and click e) **“OK”**

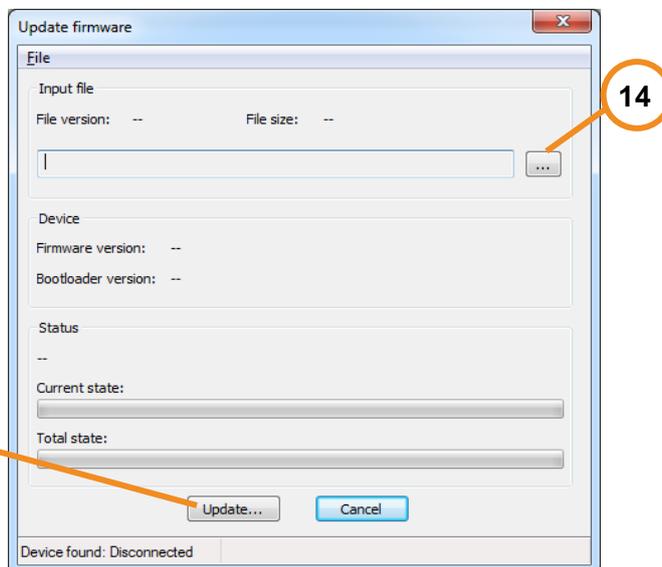


- Download the file “Photometer\_V2\_1\_4\_190619a\_App.phx” from this link:  
<https://travel.cimel.fr/public/photometer-v214-190619a-app-phx>
- Click on **“Get records”**
- Click the **“Settings”**
- Click on **“File”**
- Click on **“Save”** and create a **.set** file
- Click on **“OK”**

13. Select **“Tools”** then **“Update firmware”** from the dropdown menu

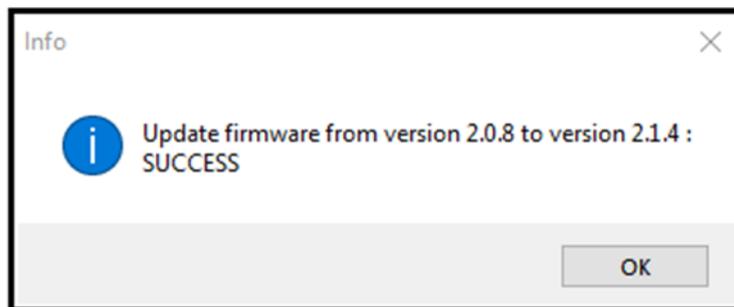


14. Click on the **“...”** button and choose the Photometer\_V2\_1\_4\_190619a\_App.PHX file downloaded in **step 7**



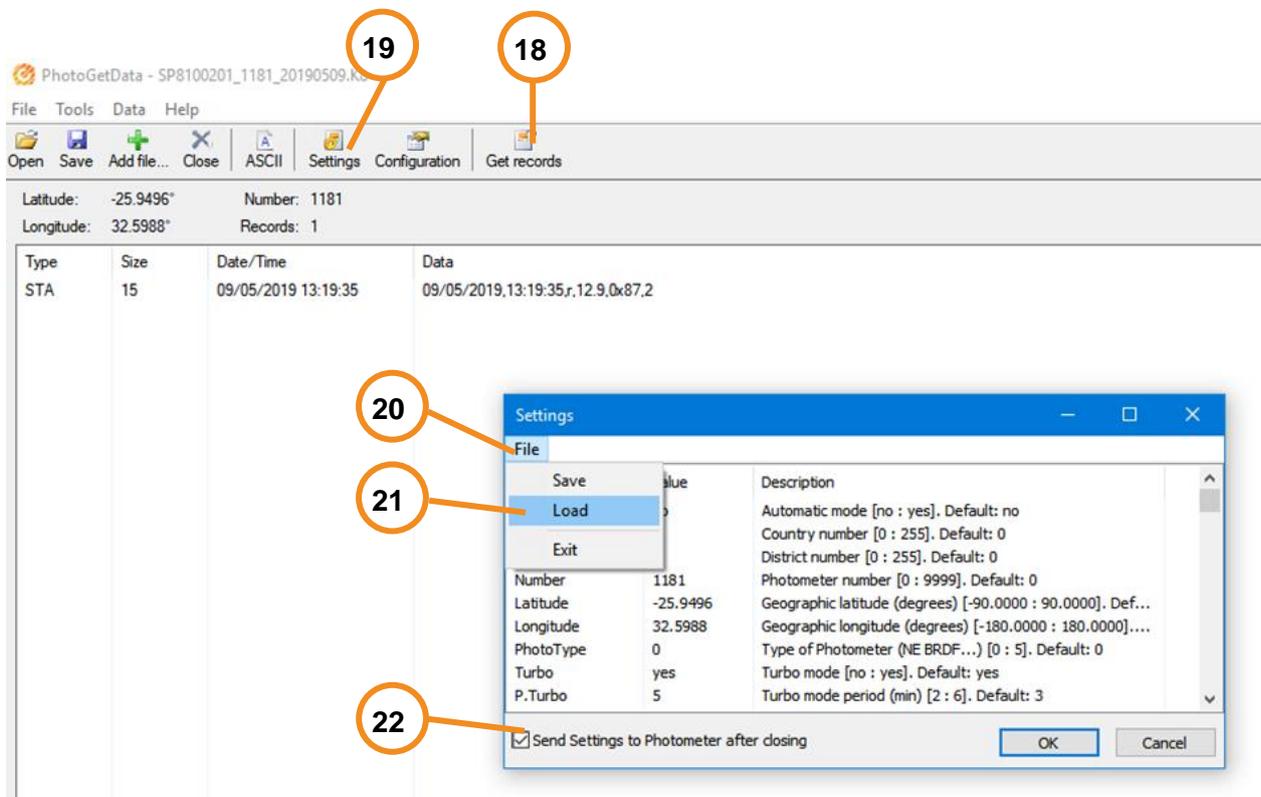
15. Click on **“Update...”**

16. When the update is complete you will see this window, press “OK”



17. **IMPORTANT:** Close the PhotoGetData program before going to step 18

18. Reopen the PhotoGetData program and click on **“Get records”**
19. Click the **“Settings”**
20. Click on **“File”**
21. Click **“Load”** and choose the **.set** file that you previously saved in the step 11
22. Check the box for **“Send Settings to Photometer after closing”** and click **“OK”**.  
The new settings are now uploaded to the control unit and can be put back into service



23. Under “**Settings**” on the control unit, turn Auto “**on**”

To Check for the correct COM port, on your computer go to: **Control Panel > Device Manager > Ports (COM & LPT)** > you will see “**USB Serial Port (COM\_)**” this is the COM port the USB is connected to.

