

Lovibond® Water Testing

Tintometer® Group



USB Functionality



PTV Series Turbidimeters

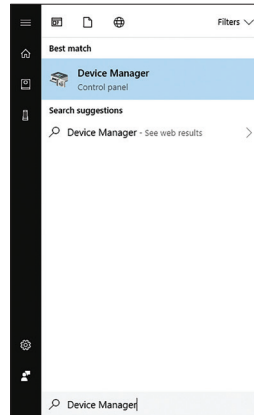
www.lovibond.com

Windows Desktop Application Installation

Install the Desktop application by double clicking the downloaded "AquaLXP Installer by Tintometer.exe" file. This installer will walk you through the installation steps.

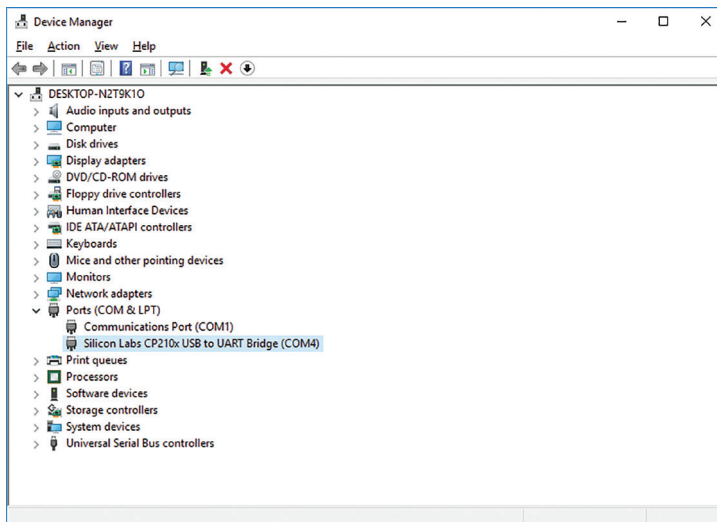
Windows Driver Installation

Connect a USB cable from the junction box to a USB port on your computer. Microsoft Windows® will typically install the software driver for the junction box automatically. Check to ensure the driver is correctly installed by opening the "Device Manager".



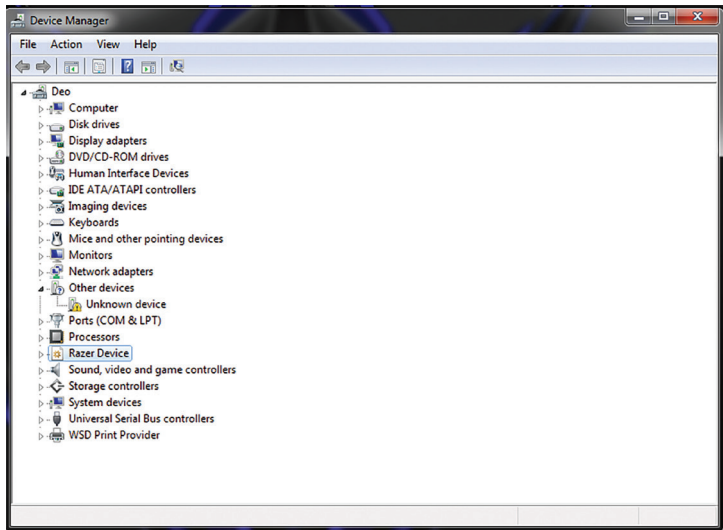
Correct Installation

If the device driver is properly installed, a "Silicon Labs CP210x USB to UART Bridge" device will appear under the "Ports (COM and LPT)" section of device manager.

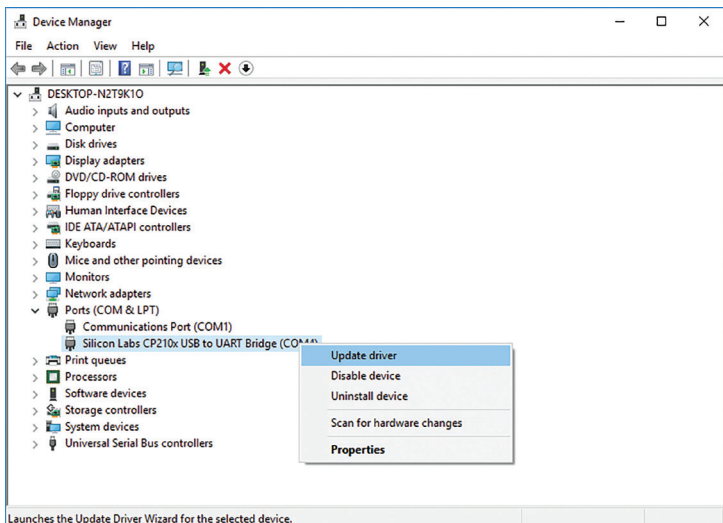


Incorrect Installation

If the device driver is not installed, you may see a similar device with a yellow exclamation mark next to it as pictured below.

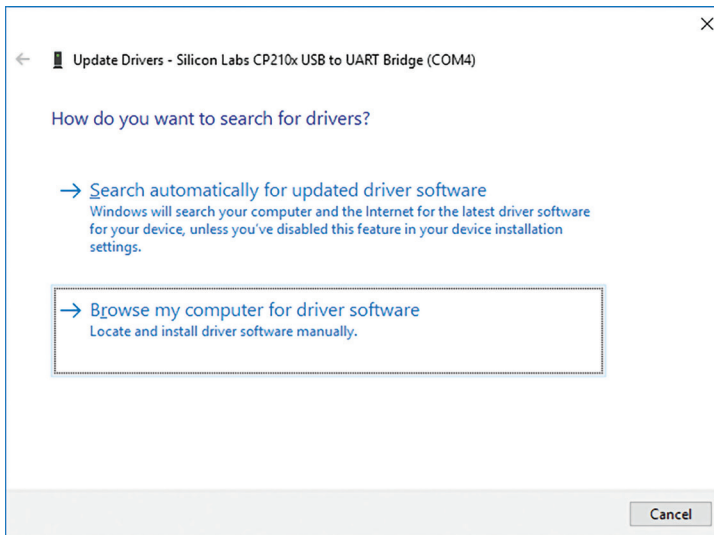


If this is the case, you must manually install the device drivers that came with the AquaLXP software package. Right click on the "Unknown Device" inside of device manager and select "Update Driver".

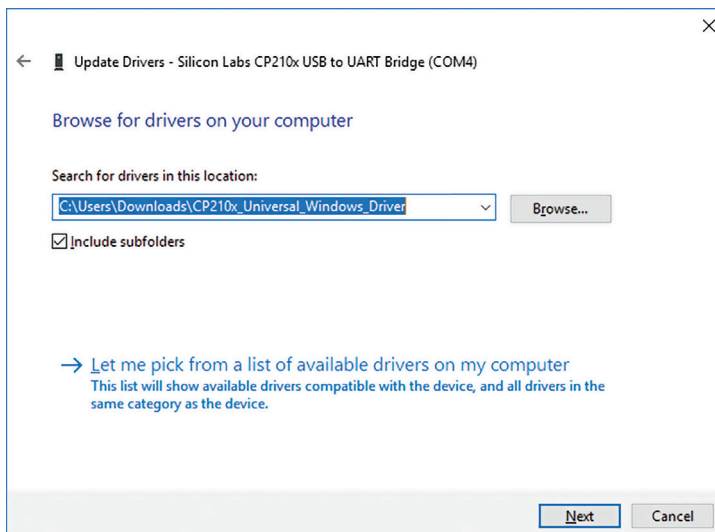


Incorrect Installation

Select "Browse my computer for driver software"



Click the browse button and go to the folder labelled "CP210x_ Universal_Windows_Driver" that came with the AquaLXP download. Then click next.



Windows Driver

Windows should find the driver and install it. Ensure that the "Unknown Device" has been recognized as a "Silicon Labs CP210x USB to UART Bridge" in your device manager.

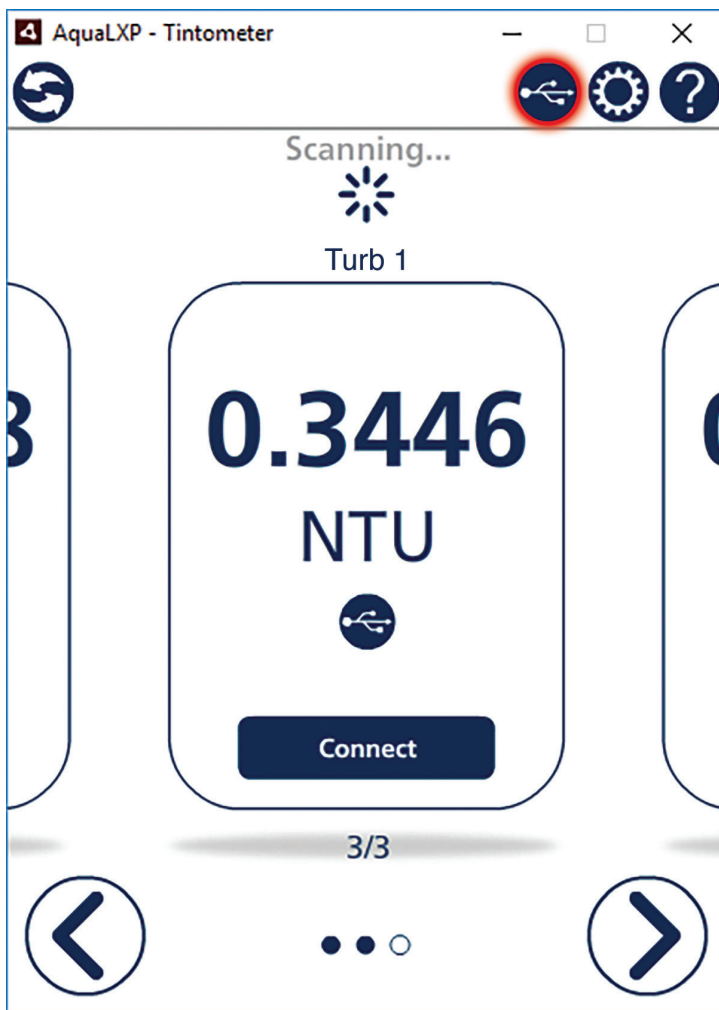
Once the AquaLXP application and drivers are installed properly, you are ready to connect to a Turbidimeter. On your desktop, an AquaLXP application icon should be installed, double click that icon to start the application.



Android USB Functionality

USB Host

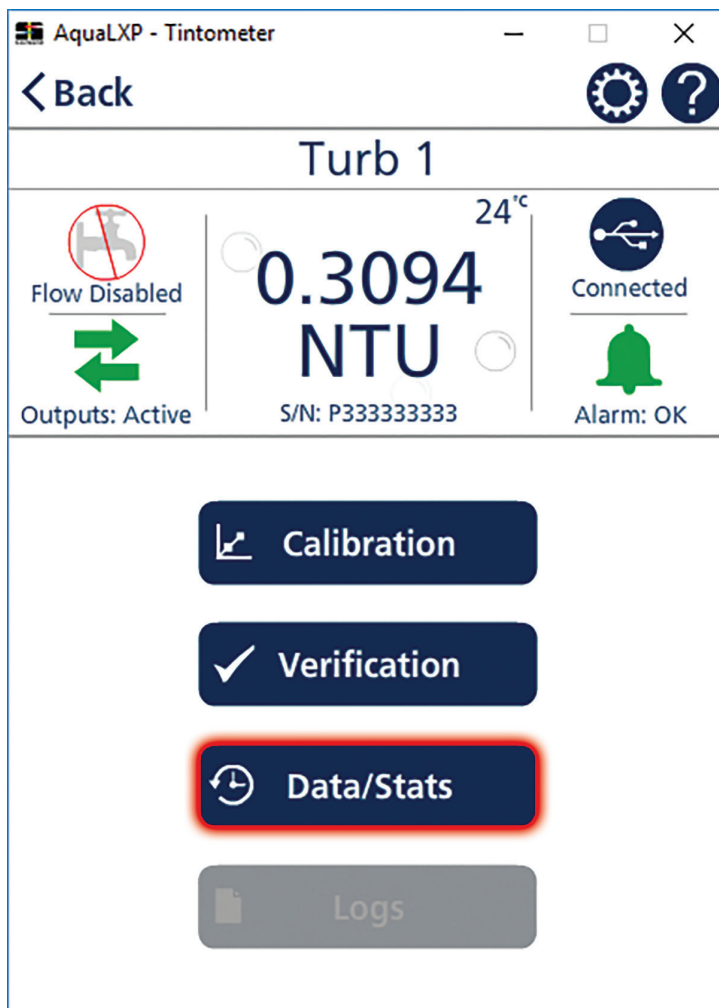
Only certain Android tablets and phones have "USB Host" functionality. To determine if your device is a "USB Host" compatible device, download the AquaLXP application from the Google Play store. Launch the application and look for a USB icon in the upper right corner of the app. If the icon is present, that indicates that your device is "USB Host" compatible. If the icon is not present, your device more than likely is not supported.



GB Data Transfer Settings

Adjusting Data Transfer Settings

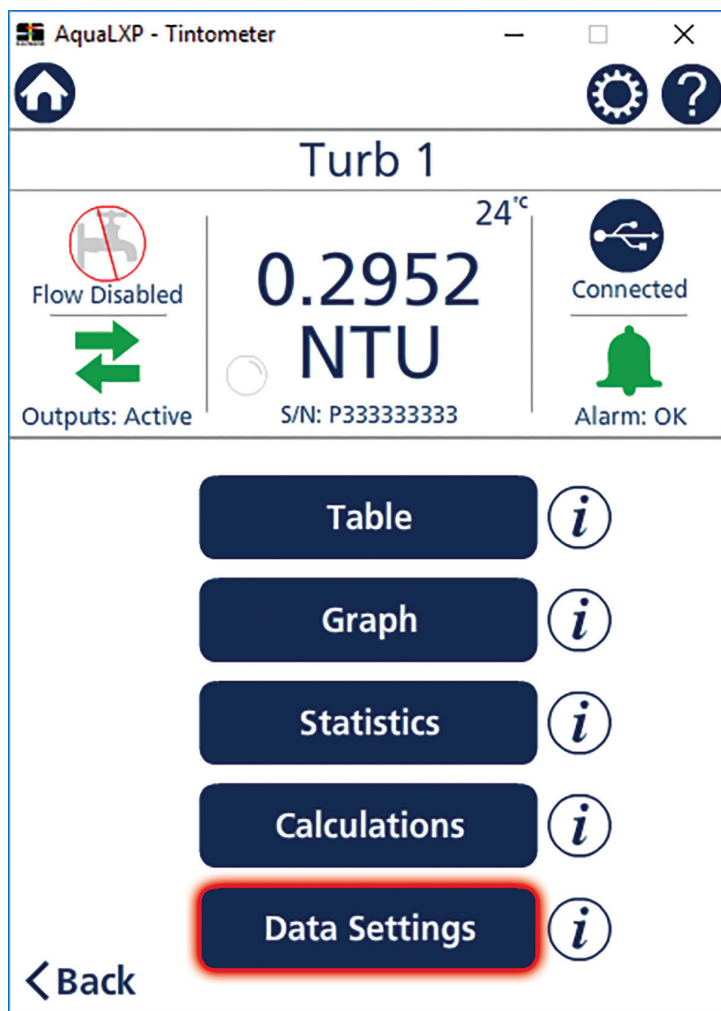
To accomodate different users data transfer needs, settings have been implemented to allow some flexibility with how data is transferred. To get to these settings, go to the "Data/Stats" section of the application:



Data Transfer Settings

Adjusting Data Transfer Settings


Once inside of this menu, select the option called "Data Settings".






Data Retrieval


This page shows settings that can be manipulated to retrieve data that is needed by the user. The "data retrieval start date" can be changed here. This setting changes the date on which data retrieval will begin. If there is no data on this specific date, then data retrieval will begin on the next closest date.

The number of data points to retrieve can be adjusted by the user. The application estimates the number of days worth of data that will be retrieved with the current number of data points that have been entered by the user.


 AquaLXP - Tintometer




Turb 1



Flow Disabled

24°C


Connected


Outputs: Active

0.2959
NTU


Alarm: OK

S/N: P33333333

Year

2016	2	17
2017	3	18
2018	4	19
2019	5	20
2020	6	21

Month

Day

Data retrieval will begin on the date selected to the left.

Selected Date:
2018 - 04 - 19

Enter the number of data Points to retrieve.

60

With the value above, each press of the 'More Data' button will retrieve this many days:

0.010

< Back

Submit >

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