



Pacific Sun



# Quick Start Guide

Pacific Sun Cloud Interface

ver. 2.0

[www.Pacific-Sun.eu](http://www.Pacific-Sun.eu)



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# 1. Device Wi-Fi Pacific Sun Cloud setup

## 1.1. Connecting Device to your home Wi-Fi network

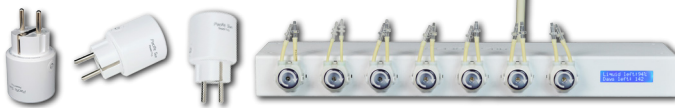


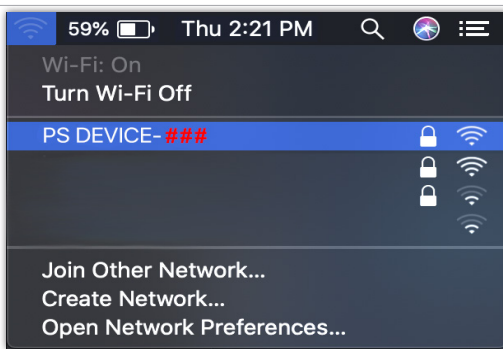
### Important!

Before proceeding, make sure your home router is supporting a **2.4GHz** Wi-Fi band. Check your router settings and make sure it's set to support this network. The Pacific Sun devices can connect **only** to **2.4GHz** Wi-Fi band networks.



**2.4GHz**  
Band Network Support

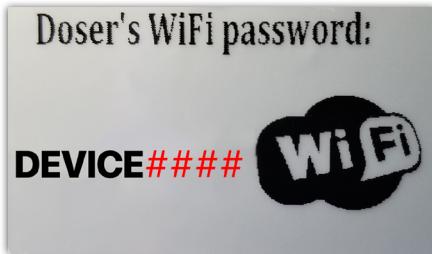




**1** Connect power to the **PS device**.

Find your **PS DEVICE** on you Wi-Fi network list devices.

Click **Connect** directly to the PS DEVICE Wi-Fi Network.

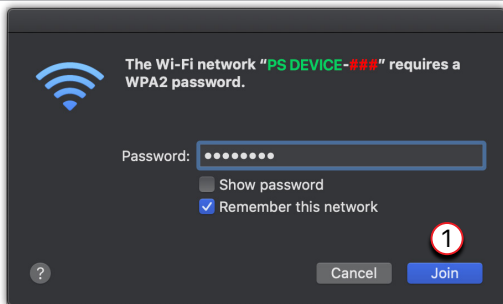


**2** Find a sticker on the **device** with a Wi-Fi **network password**:

**DEVICE####**

**Note:**

**####** - it's your **unique** number

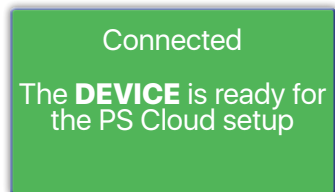


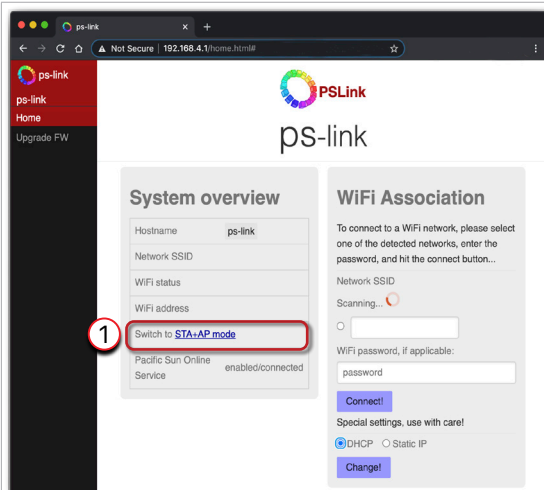
**3** Enter your **PS Device-###** Wi-Fi **network password**.

**1** Next Click **Join**



**4** Make sure you are connected to **PS Device-###** Hotspot.





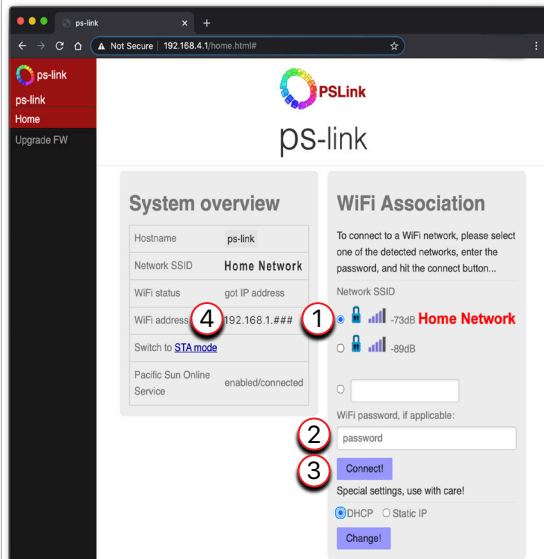
**5** Open the **Device WiFi network setup**.

Open your Internet Browser and type the **device WiFi network IP address 192.168.4.1** into the address field.

<http://192.168.4.1>

**1** Switch to **STA+AP mode**

Under **WiFi Association** you should see **Scanning** for available home Wi-Fi networks.



**6** Connect device to **Home WiFi network**.

**1** Select your **Home WiFi network** under Network SSID.

**2** Type in your **Home WiFi network** password, if applicable.

**3** Next Click: **Connect!**

After this step the device will be available under your **Home WiFi network** usually with IP address format:

**4** **192.168.#.###**

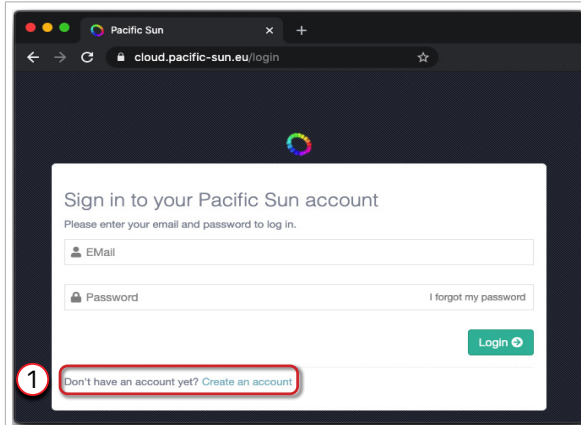
**7** Optionally - restart the device.

Power OFF and ON the device. **Disconnect** power and **Connect** back.

On the **LCD** screen, see and take a note of the IP Address in a similar format.



## 1.2. Adding the device to Pacific Sun Cloud

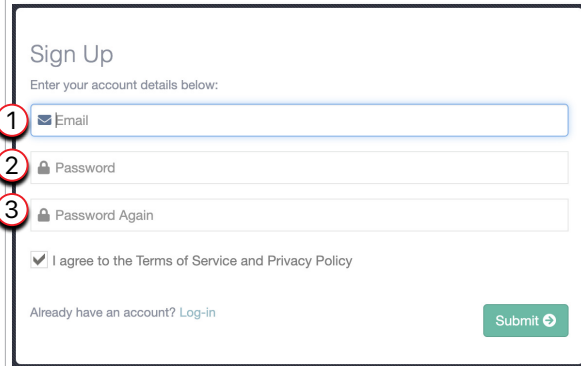


**1** Connect to **your home Wi-Fi internet network**, open Internet Browser, and go to the following address:

<https://cloud.pacific-sun.eu>

**1** Click **Create an account**

**Note:**  
If you already have PS account and Added a New Tank - **skip this step and go to step nr 5**



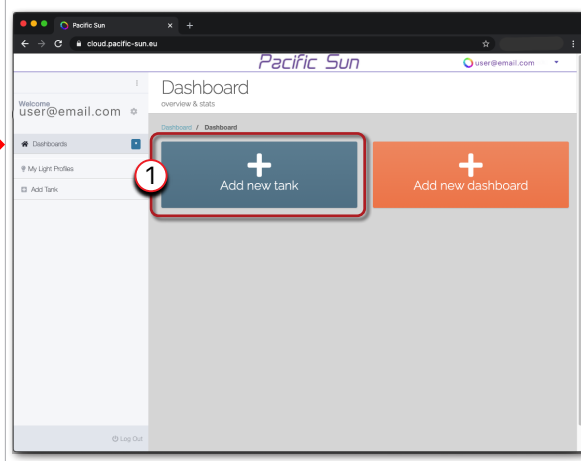
**2** Create **Cloud Pacific Sun account**.

**1** Enter **Email** address

**2** Enter **Password**

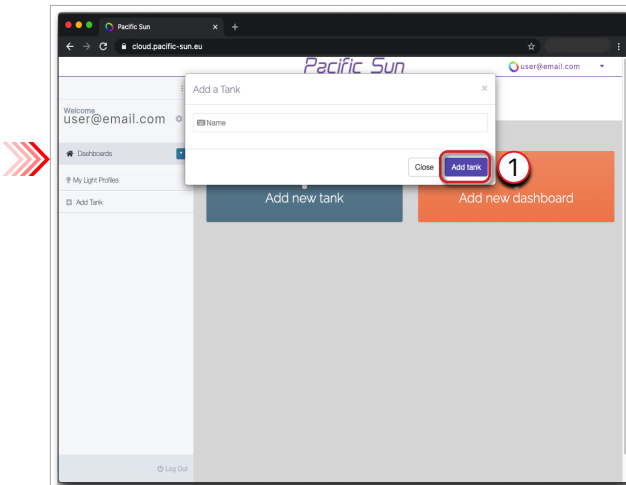
**3** Enter **Password Again**

Next Click **Submit**



**3** After login, on the **Dashboards:**

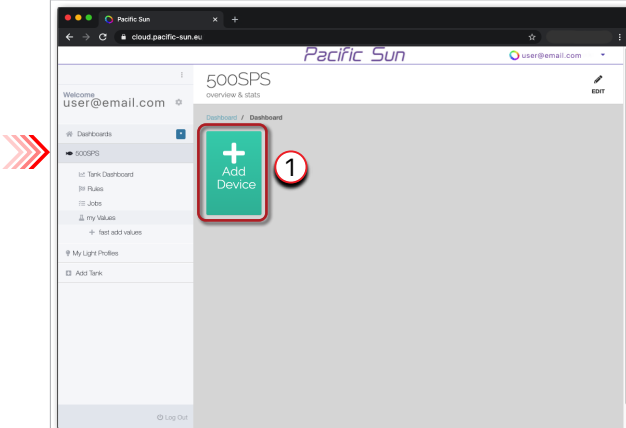
**1** Click **Add new tank**



**4 Add a Tank:**

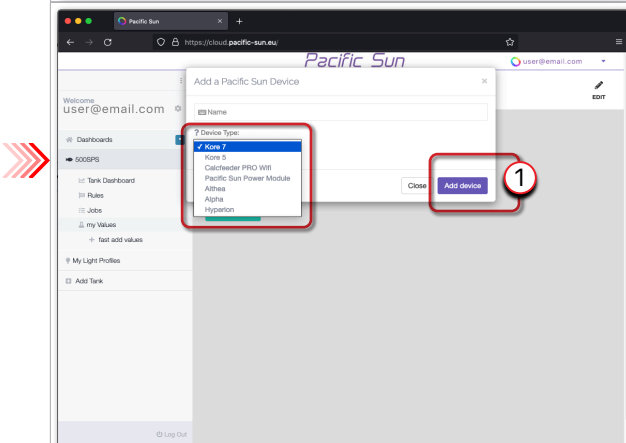
Type in your preferred **Name**

1 Click **Add tank**



**5 Under your tank Name:**

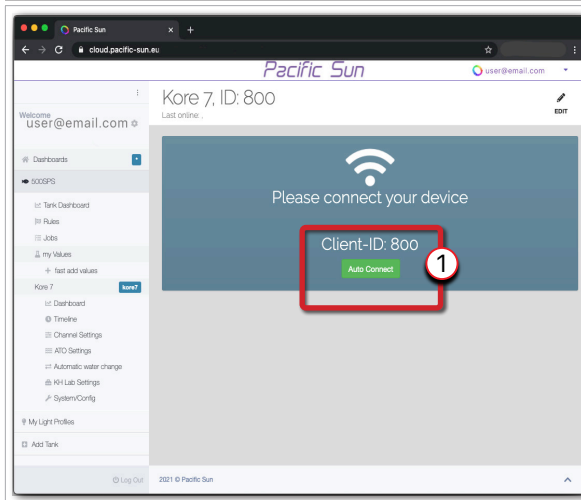
1 Click **Add Device**



**6 Type in your preferred Name and select the device from the list:**

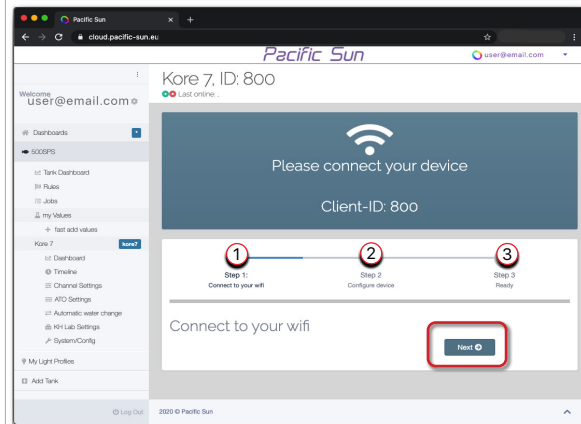
- » **Kore 7**
- » **Kore 5**
- » **Calcfeeder PRO WiFi**
- » **Pacific Sun Power Module**
- » **Althea**
- » **Alpha**
- » **Hyperion**

1 Click **Add Device**



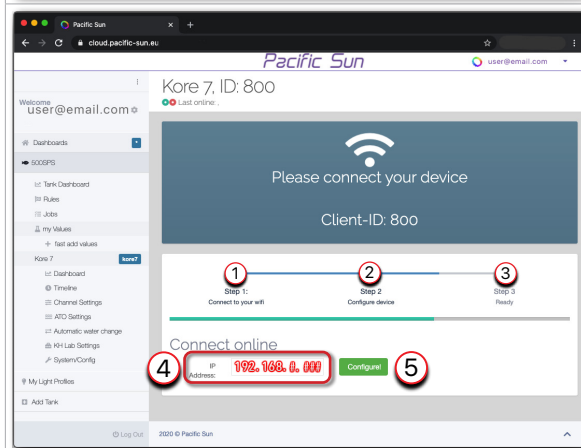
7 Under your **Client ID**:

1 Click **Auto Connect**



8 Connect the **device** to **Pacific Sun Cloud**:

Step 1  
Click **Next**



9 Configure device and Ready:

Step 2 and 3

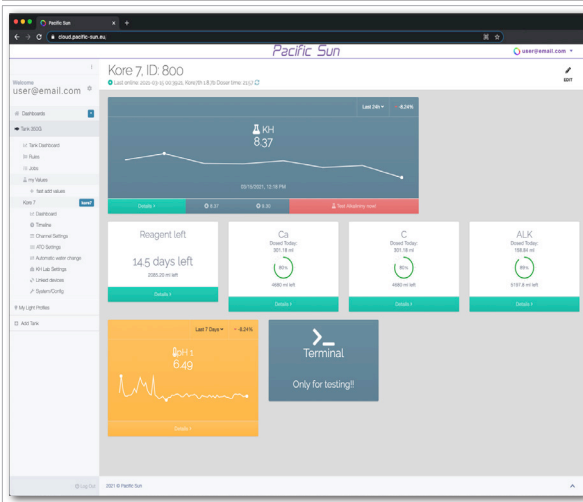
4 Use your **device** IP address

5 Click **Configure!**

**Note:** Optionally, you can see the device IP address on the **LCD** screen after device power OFF/ON in a similar format:

**192.168.#.###**





**10** The device added to the PS Cloud, ready for the configuration process and operation.

## 2. Software and Firmware Upgrade

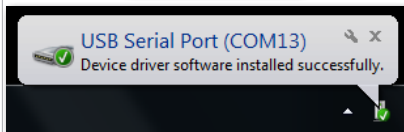


### Warning!

Switching OFF the power supply during the Firmware updating process may damage your device CPU. Uploading wrong Firmware may damage your device and void your warranty. The damage may require returning the device to our service department to restore it's original functionality. Use only **dedicated firmware upgrade software** available for download on [www.pacific-sun.eu](http://www.pacific-sun.eu) in the [Download](#) section.



1. Connect your computer to the one of the Pacific Sun devices via USB port.



2. Windows Operating System should be able to discover and install the new device USB device and show the communication COM port number.

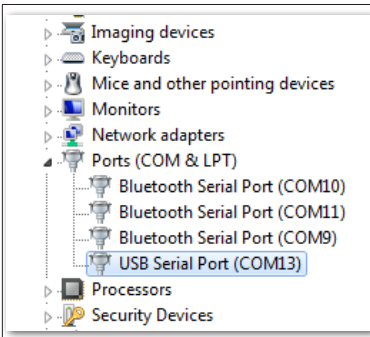
### NOTE:

If for the first time, Windows will not be able to install the new device (especially under Window OS) then download from the Internet and install the USB-to-Serial Converter Drivers:

<https://www.ftdichip.com/Drivers/VCP.htm>  
(CDM v2.12.28 WHQL Certified)

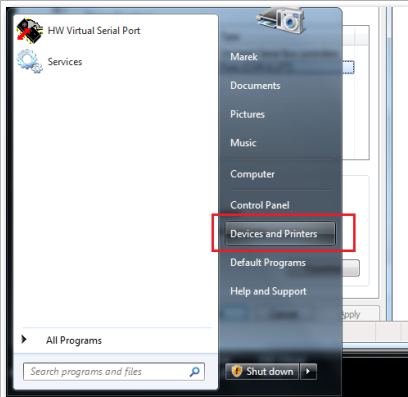
3. Windows Operating System has the two following options to verify the correct USB Serial Port COM **number**:

1. **"Device Manager"**
2. **"Devices and Printers"**

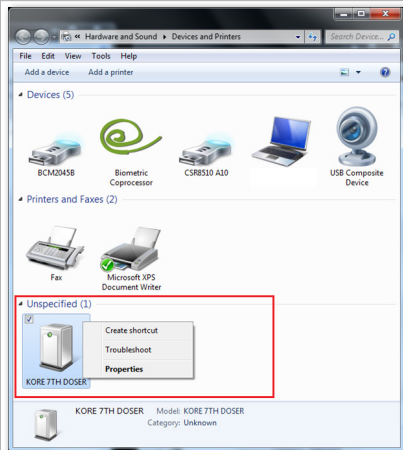


### Option 1:

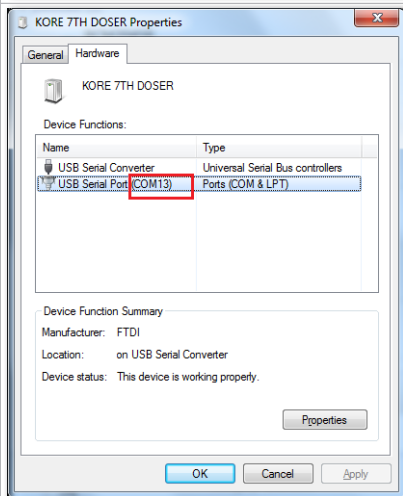
Verify the USB Serial Port COM **number** under **"Device Manager"**.



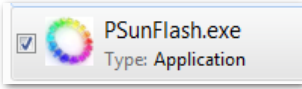
**Option 2:**  
Verify the USB Serial Port COM **number** from **"Devices and Printers"**.



**4.** Right Click on the device and select **"Properties"**.



**5.** The USB Serial Port COM **number** will be visible under device Properties.

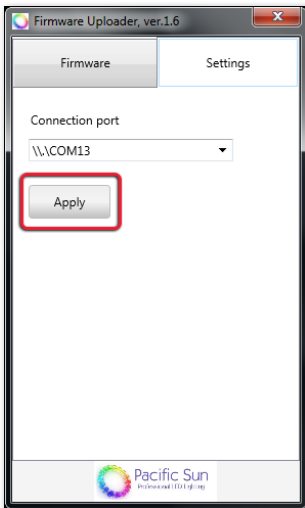


6. Download the "**Firmware Updater**" application from the Pacific Sun website: <http://www.pacific-sun.eu/pliki/PSunFlash32.zip>

Unpack the ZIP file and run the "**Firmware Uploader**".

**Note:**

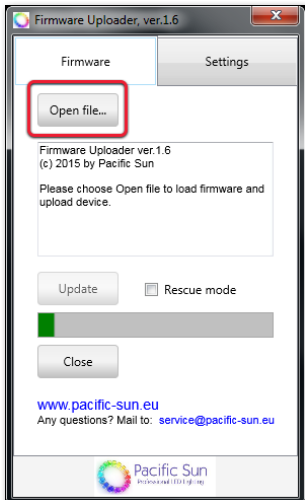
For the Mac OS version download from: <http://www.pacific-sun.eu/pliki/PSunFlash21.app.zip>



7. In the "**Settings**" tab, choose the port COM **number** the device is installed on the computer and click **Apply**

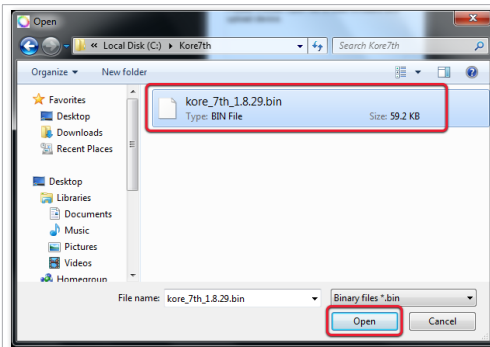
**Note:**

For the Mac OS version, select the device you want to update from the list.

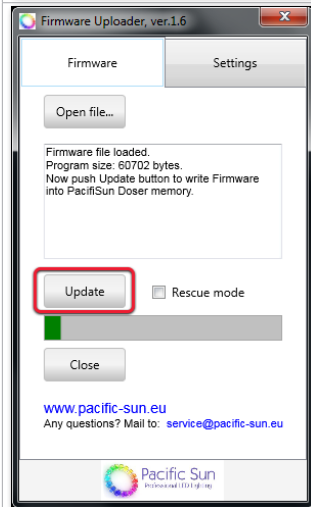


8. Go to the "**Firmware**" tab and click

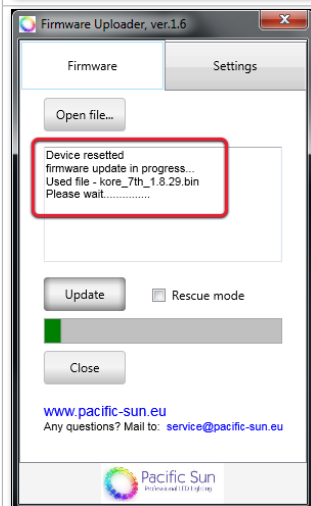
**Open file...**



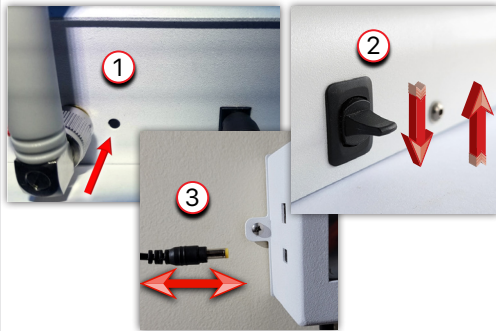
9. Select the previously downloaded Firmware file and click **Open**



10. Click **Update**

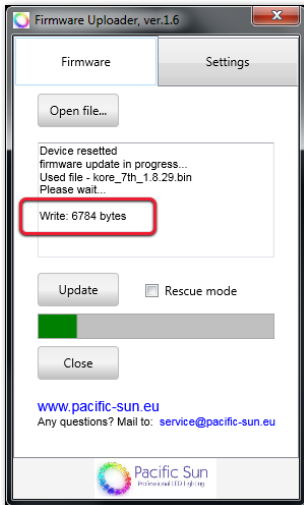


11. The Firmware upgrade will be in progress with message **"Please wait....."**

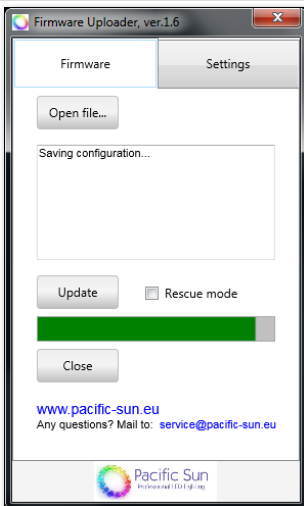


12. Now, **RESET** one of the Pacific Sun devices:

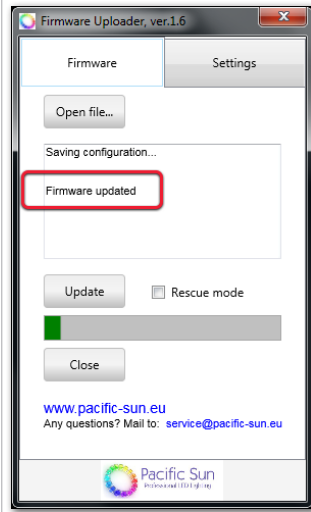
- ① Kore 5th or 7th dsing stetion
- ② Lamp
- ③ CalcFeeder Contrller



13. The Firmware writing process will start and the number in bytes will be increasing.



14. The Firmware upgrade status will be indicated with the green progress bar.



## 15. Final Firmware Upload steps:

1. At the end of the Firmware writing process program will show "**Firmware updated**".
2. Disconnect the USB cable from your computer and Pacific Sun device.
3. **Disconnect** device from the power source for a few seconds and **connect** the power back.
4. The Firmware upgrade process has been completed.

### 3. Troubleshooting

Problems	Solutions
<b>Problem with communication between the device and PS Cloud service</b>	<ol style="list-style-type: none"><li data-bbox="421 209 1023 347"><b>1. Reboot your home Wi-Fi router (power OFF/ON)</b> and after that <b>reboot your PS device (power OFF/ON)</b>. Wait a few minutes and check PS Cloud application interface functionality again.</li><li data-bbox="421 368 1023 427">2. If you have multiple Wi-Fi routers, make sure each of them has a unique name.</li><li data-bbox="421 448 1023 507">3. If you have multiple Wi-Fi routers, make sure you are connecting to the closest one with the strongest signal.</li></ol>





*Pacific Sun*

If you need technical support - please contact [service@pacific-sun.eu](mailto:service@pacific-sun.eu)

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