

ANT-1771, 1772 & 1773 Firmware Upgrade options

Contents

ANT-1771, 1772 & 1773 Firmware Upgrade options	1
Synopsis.....	1
Document info.....	1
1. SD card option	2
2. Neptune Guard option	2
2.1. Pre-requisites.....	2
2.1.1. Neptune Guard.....	2
2.1.2. Firmware file.....	2
2.2. Upgrade process using Neptune Guard	2

Synopsis

There are 2 methods to upgrade the firmware; using and SD card (if the SD card holder is fitted to the ANT-177x UAV device) or using Neptune Guard.

Neptune Guard is an application which has to run on a Windows operating system.

This document mainly covers the Neptune guard method. The SD card method is mentioned.

Document info

Version	date	author	Comments
0.1	18-Oct-19	David M	First draft

1. SD card option

This option will re-flash the image on the UAV model and all configuration will be lost

In the firmware section of the product web page (go to Antrica.com -> ANT-177x Product page -> Downloads -> Firmware). Download the guide (SD Update Guide.pdf) and the firmware file (i.e. version_2.3.8.6.rar)

Following the instructions in the "SD Update Guide.pdf" guide

2. Neptune Guard option

Neptune Guard will only work under Windows operating system. There is **not** an alternative operating system variant.

2.1. Pre-requisites

Neptune Guard and the firmware files needs to be downloaded from the Antrica web site.

2.1.1. Neptune Guard

1. go to Antrica.com -> ANT-177x Product page -> Downloads -> Software -> "Neptune Guard_Player"
2. Download neptune_install_1.3.4.rar. 1.3.4 is the current version
3. Extract and install from the "neptune_install_1.3.4.exe" file
4. Neptune Guard and Neptune player will be installed – see link below for activation and use of Neptune Player

https://www.dropbox.com/s/4aw3g489hjmooov/ANT-177x_NeptunePlayerActivation.pdf?dl=0

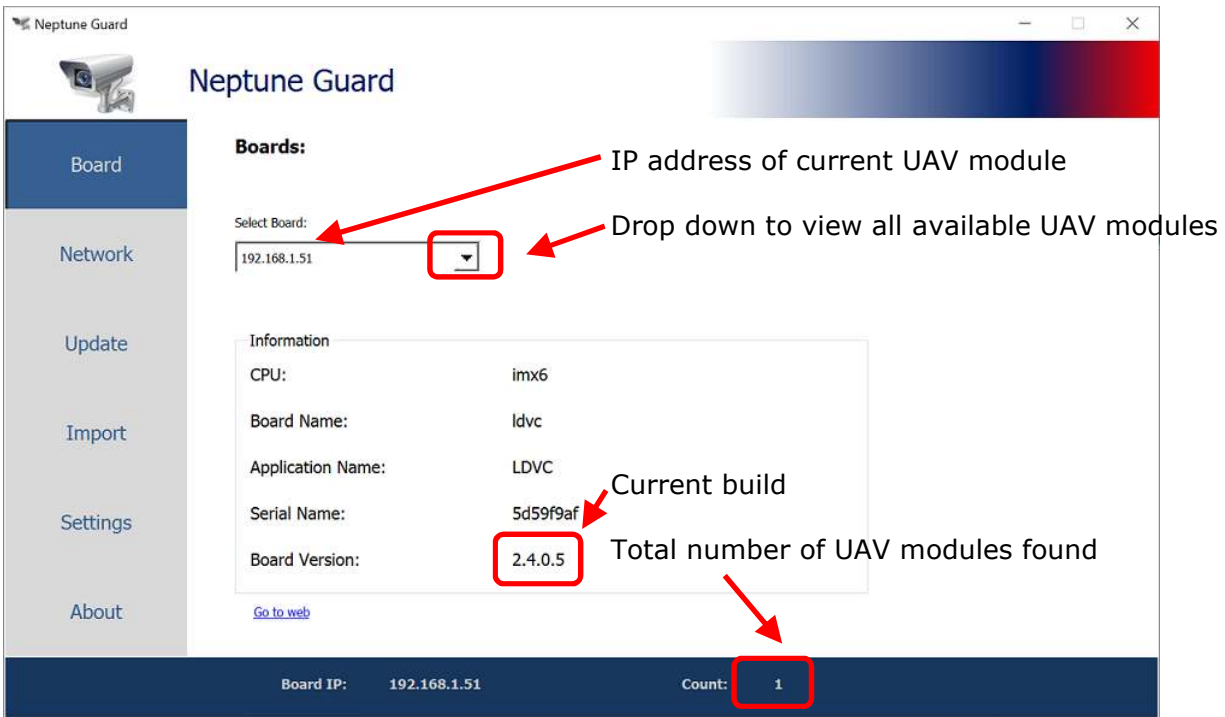
2.1.2. Firmware file

1. go to Antrica.com -> ANT-177x Product page -> Downloads -> firmware
2. If older versions are required navigate to the "Archived Firmware" folder
3. Download the RAR file. Currently "version_2.3.8.6.rar"
4. Extract the folders / files from the RAR file
5. There will be folders one called "guard_update" the other "sd_update". Do not alter the names or contents of these folders

2.2. Upgrade process using Neptune Guard

1. Start Neptune Guard. It will find all the ANT-1771, ANT-1772 and ANT-1773 on the network. See Figure 1
2. Select the ANT-177x you wish to update

Figure 1 : Neptune Guard showing UAV modules



1. From the left hand menu select "Update" – see Figure 2
2. Navigate to the "guard_update" folder – from step 5. In section 2.1.2. Do not click on to the contents of the folder just select the folder name itself.
3. Click update.

Figure 2 : Neptune Guard Update page



4. Click update.

5. Neptune guard will then show:
 - 5.1. the uploading of the files
 - 5.2. the upgrading
 - 5.3. rebooting
 - 5.4. the ANT-177x is ready to use

See Figure 3 Figure 4 to Figure 6

Figure 3 : Neptune Guard showing the ANT-177x Uploading files

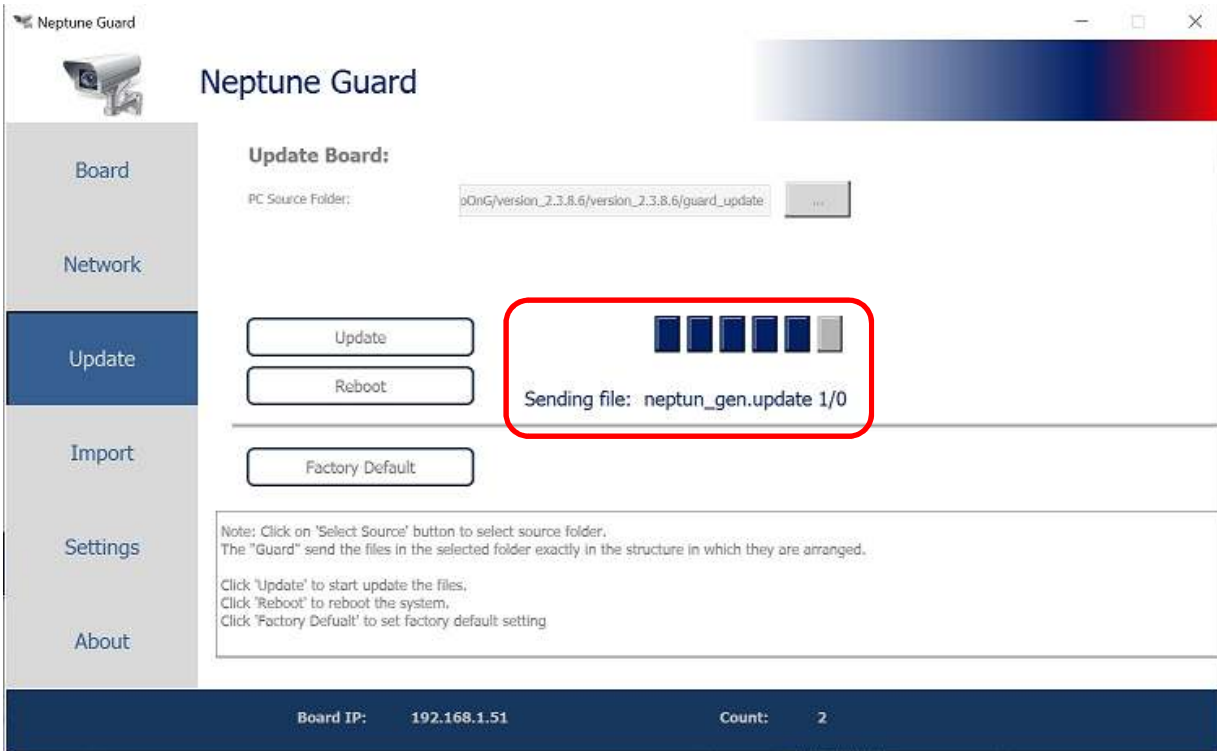


Figure 4 : Neptune Guard showing the ANT-177x installing files

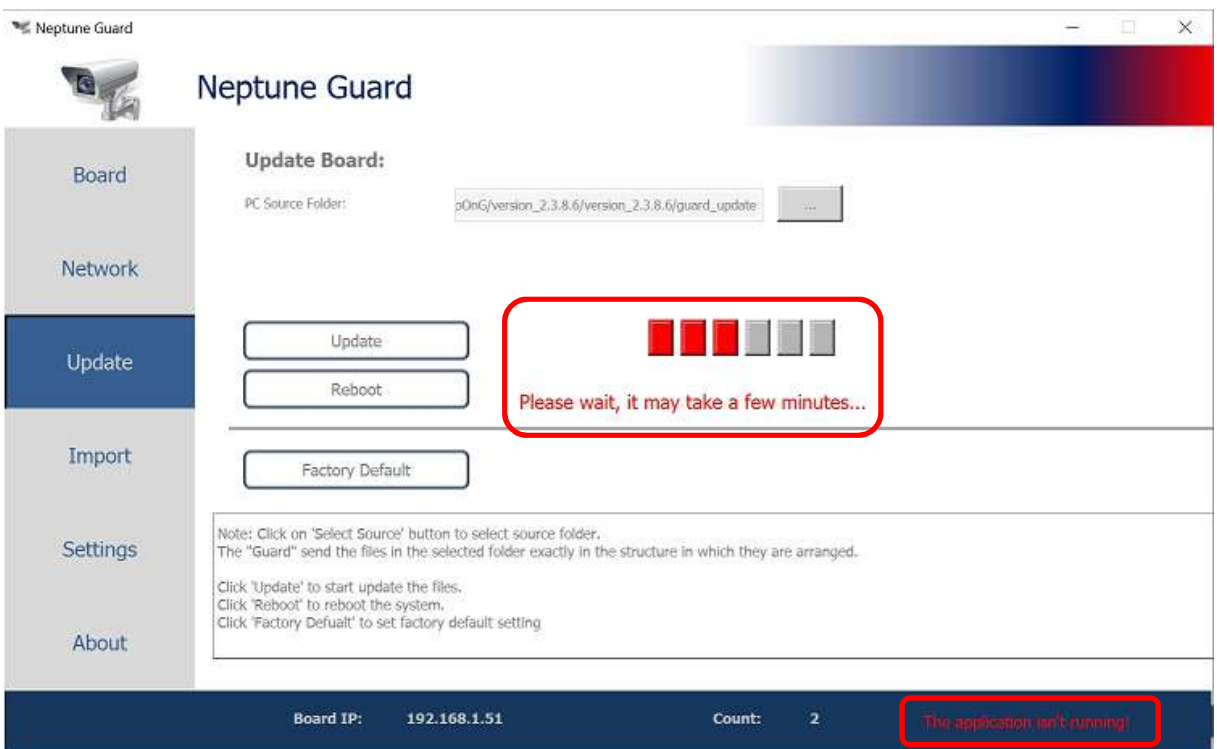


Figure 5 : Neptune Guard showing the ANT-177x rebooting

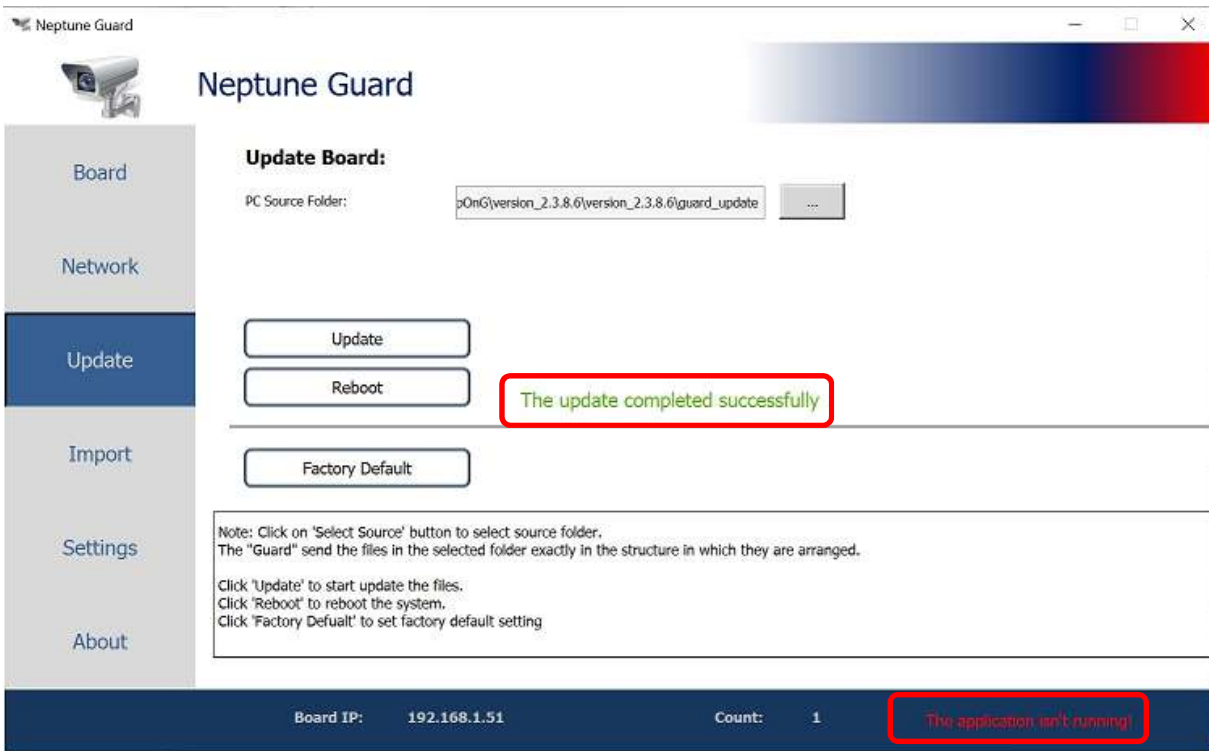


Figure 6 : Neptune Guard showing upgraded ANT-177x

