

ANPR LUMO

Update guide

2019-04-01 | v1.01

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1 Update info

This document will describe the update procedure to update an ANPR Lumo camera to the latest version.

A typical update takes around 10 to 15 minutes, during this time the ANPR Lumo will not read number plates, and all features including the web interface will not work.

Important note

Currently an update will overwrite all settings made in the camera, and the "old" settings cannot be imported and are not restored. Make sure you have documented all settings, like the configured actions, regions of interest and other settings. After the update you will need to reconfigure the camera, only the IP settings are not overwritten.

1.1 System password

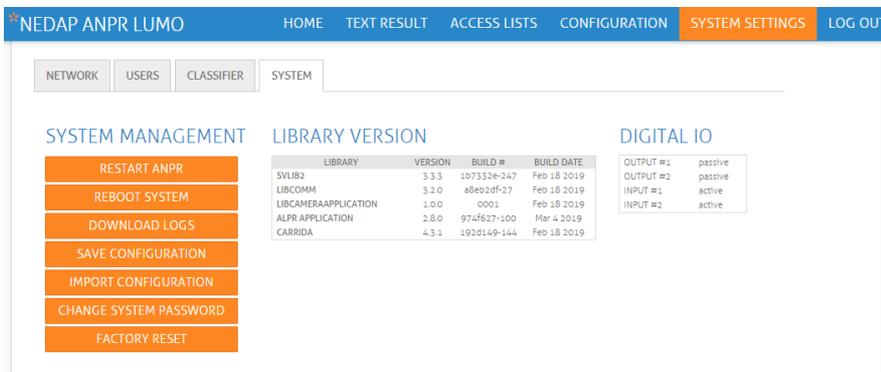
To update an ANPR Lumo camera, you will need the system password, this is the password for the "root" user, which is required to update the camera.

To setup the "root" password you need to login into the web application of the camera with the "admin" user. In the menu "SYSTEM SETTINGS" -> "SYSTEM" -> "CHANGE SYSTEM PASSWORD" you can change the "root" password.

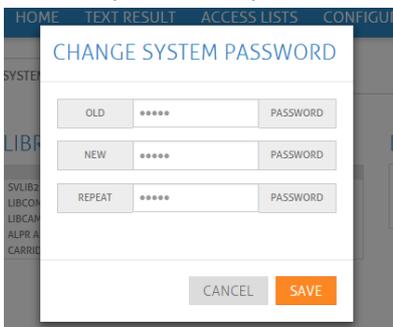
Important note

Store the new root password in a safe location! If the password is lost it cannot be reset and will have to be returned for repairs.

In the figure below the orange button "CHANGE SYSTEM PASSWORD" is presented, when pressing this button a new screen will appear.



In the figure below the "change system password" is shown, here you just need to type in the new password you want to use. Make sure you store this password in a save location, when the password is lost it cannot be recovered.



1.2 Update with discovery tool

Make sure the camera is in the same network range as your computer.

Start the ANPR Discovery tool and search for camera's.

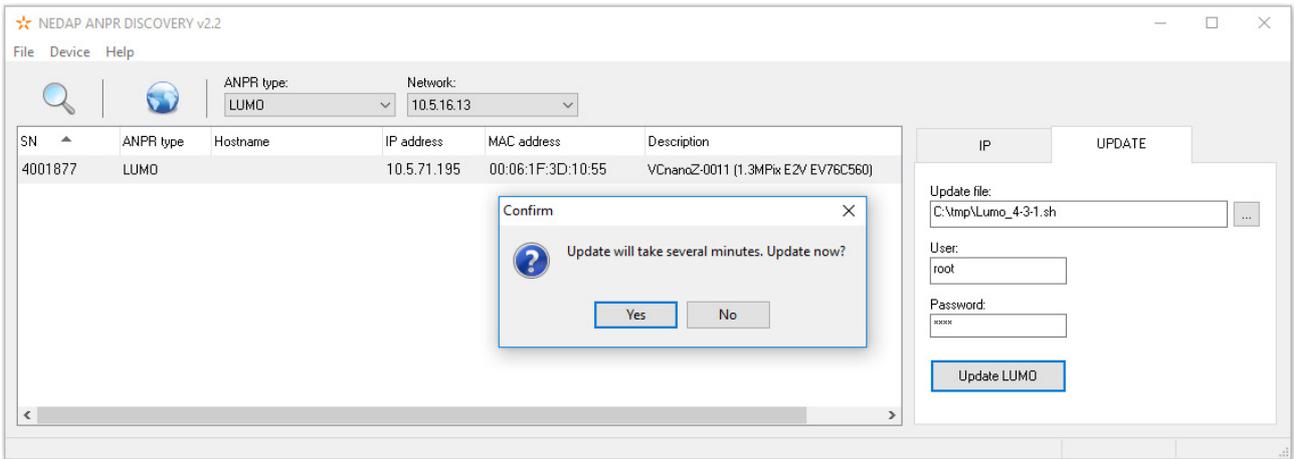
Select the camera you want to update, and select the "UPDATE" tab on the right menu.

Select the sh file you want to use for the update, the sh file is in the zip file located on the partner portal.

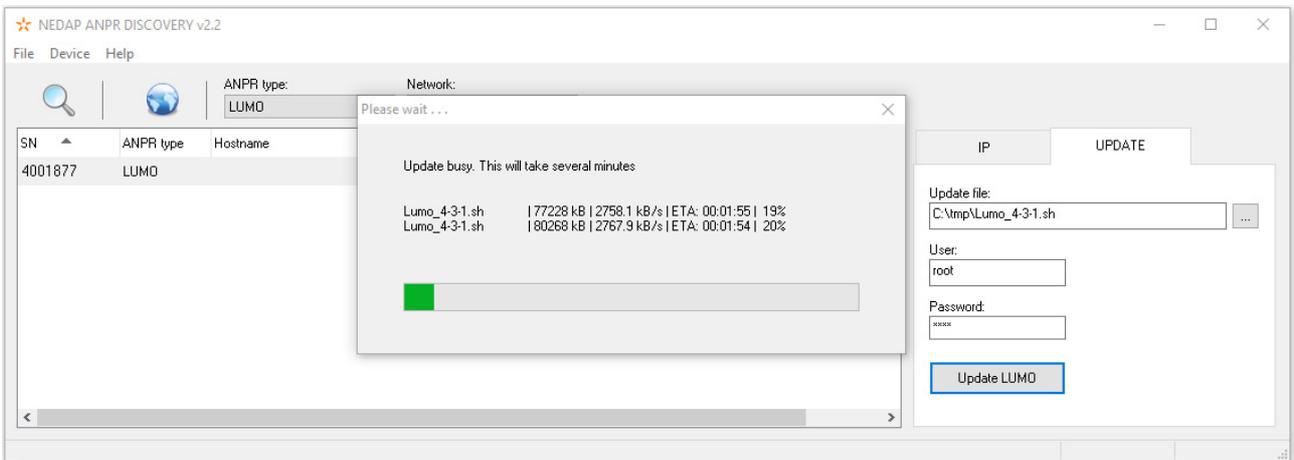
Type in the password which is configured in the previous menu.

Then press the "Update LUMO" button.

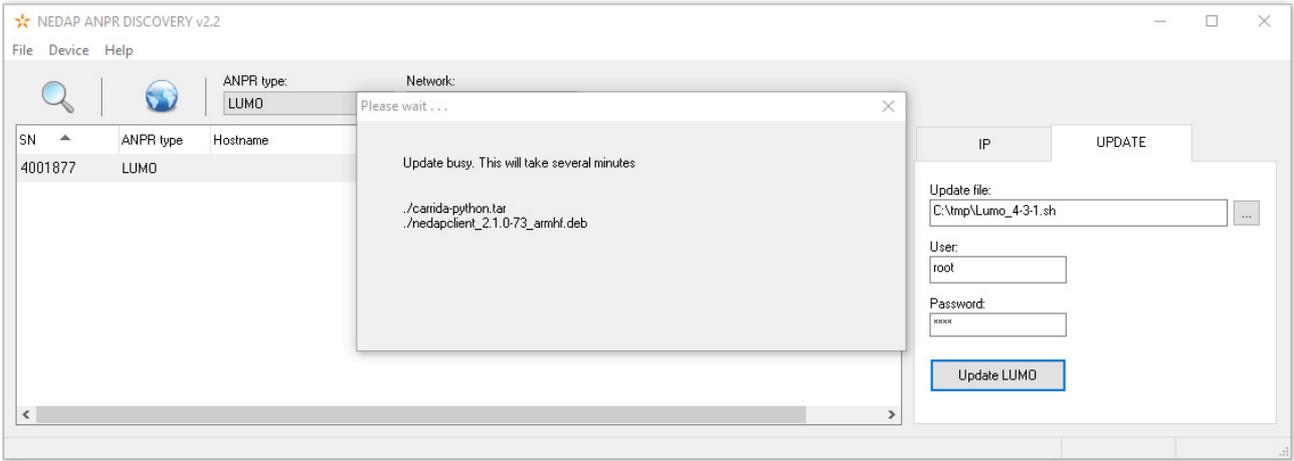
In the figure below an example of the ANPR Discovery is shown, including the "UPDATE" tab



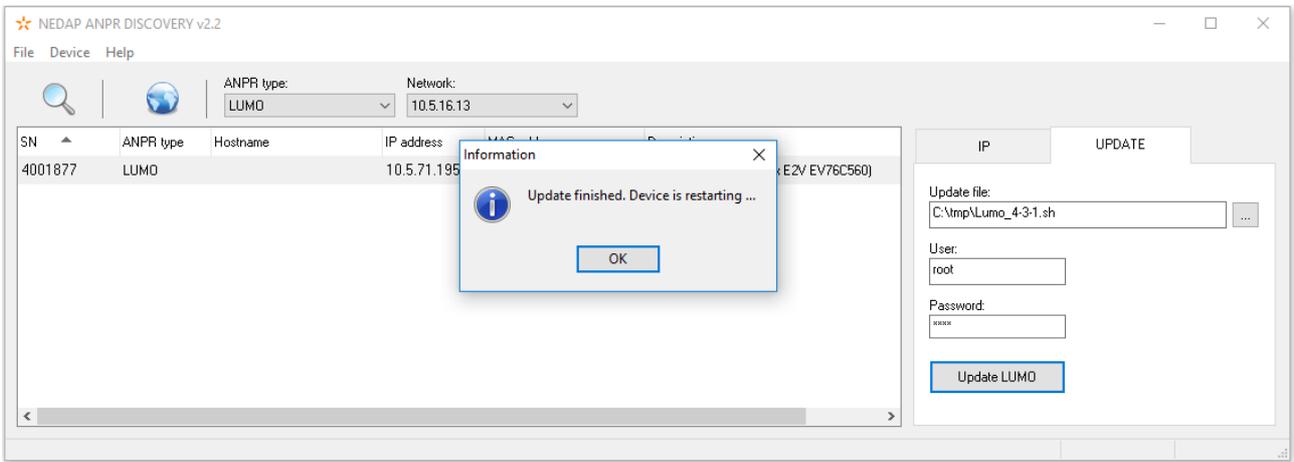
In the figure below the progress of uploading the sh file to the camera is shown



In the figure below the actual installation of the software is shown.



In the figure below the update is done, now the web interface should be available again.



Note

Make sure your browser is refreshed properly, and that the browser cache is refreshed as well. Otherwise some menu items will not work properly.

1.3 Update through batch script

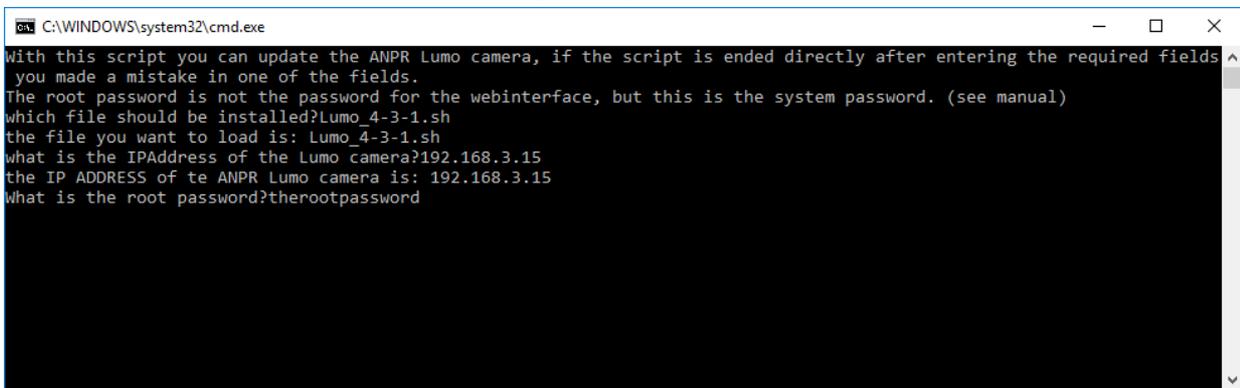
Make sure the camera is in the same network range as your computer.

Start the batch script "Update_lumo.bat" by double clicking on it. This will open a dos box, in this dos box you will be prompted to answer different questions, the question you will get are:

1. Which file should be installed? This question must be answered with the name of the .sh package, for example Lumo_4-3-1.sh (the .sh file is included in the ZIP file, this file has a large size!)
2. What is the IP address of the Lumo camera? Here the IP address of the Lumo camera must be entered, example: 192.168.3.15
3. What is the root password? Here the root password must be entered for the ssh session. The password can be set in the menu "SYSTEM SETTINGS" -> "SYSTEM" -> "CHANGE SYSTEM PASSWORD"

The update process is shown in the following screenshots.

In the figure below you can see the questions you will get during the update process

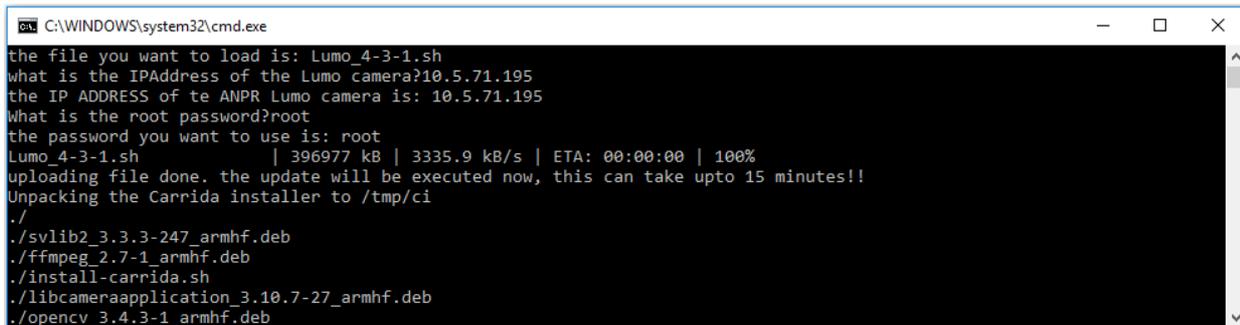


```

C:\WINDOWS\system32\cmd.exe
With this script you can update the ANPR Lumo camera, if the script is ended directly after entering the required fields
you made a mistake in one of the fields.
The root password is not the password for the webinterface, but this is the system password. (see manual)
which file should be installed?Lumo_4-3-1.sh
the file you want to load is: Lumo_4-3-1.sh
what is the IPAddress of the Lumo camera?192.168.3.15
the IP ADDRESS of te ANPR Lumo camera is: 192.168.3.15
What is the root password?therootpassword

```

In the figure below you can see the beginning of the actual update process.

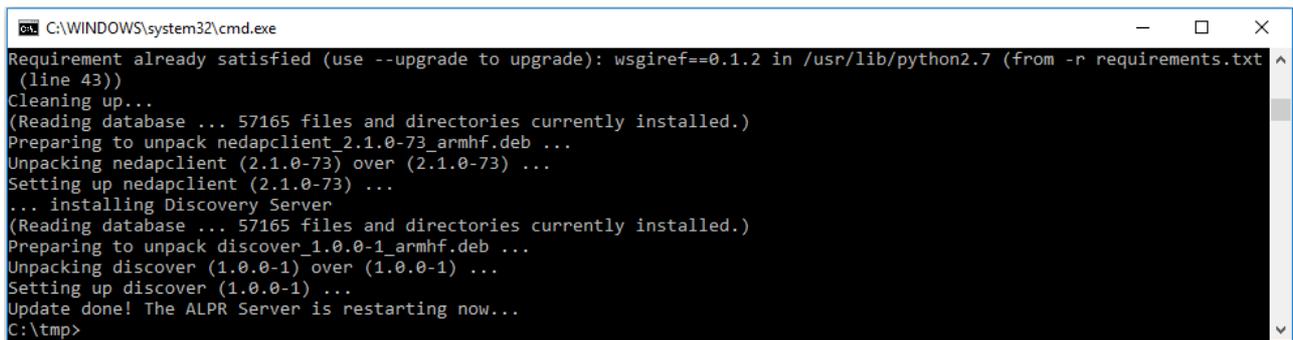


```

C:\WINDOWS\system32\cmd.exe
the file you want to load is: Lumo_4-3-1.sh
what is the IPAddress of the Lumo camera?10.5.71.195
the IP ADDRESS of te ANPR Lumo camera is: 10.5.71.195
What is the root password?root
the password you want to use is: root
Lumo_4-3-1.sh      | 396977 kB | 3335.9 kB/s | ETA: 00:00:00 | 100%
uploading file done. the update will be executed now, this can take upto 15 minutes!!
Unpacking the Carrida installer to /tmp/ci
./
./svlib2_3.3.3-247_armhf.deb
./ffmpeg_2.7-1_armhf.deb
./install-carrida.sh
./libcameraapplication_3.10.7-27_armhf.deb
./opencv_3.4.3-1_armhf.deb

```

In the figure below the update was completely done, now the web interface should be available again.



```
C:\WINDOWS\system32\cmd.exe
Requirement already satisfied (use --upgrade to upgrade): wsgiref==0.1.2 in /usr/lib/python2.7 (from -r requirements.txt
(line 43))
Cleaning up...
(Reading database ... 57165 files and directories currently installed.)
Preparing to unpack nedapclient_2.1.0-73_armhf.deb ...
Unpacking nedapclient (2.1.0-73) over (2.1.0-73) ...
Setting up nedapclient (2.1.0-73) ...
... installing Discovery Server
(Reading database ... 57165 files and directories currently installed.)
Preparing to unpack discover_1.0.0-1_armhf.deb ...
Unpacking discover (1.0.0-1) over (1.0.0-1) ...
Setting up discover (1.0.0-1) ...
Update done! The ALPR Server is restarting now...
C:\tmp>
```

Note

Make sure your browser is refreshed properly, and that the browser cache is refreshed as well. Otherwise some menu items will not work properly.

A Disclaimer

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B Document revision

Version	Date	Comment
1.01	2019-04-01	Added update through Discovery tool
1.00	2019-03-21	Created