

Application note:

How to update Manta firmware



Prerequisites

The following items will be needed:

Hardware:

- A computer with Windows 7 / Vista or XP, as well as a Gigabit Ethernet network card and a GigE cable.
- AVT GigE camera (Manta camera)

You should have already installed your GigE camera as described in the *Manta Hardware Installation Guide*. Your PC/laptop should recognize your GigE camera and we presume that you have already acquired images successfully.

Updating the camera

Note



Do not plug off GigE cable and **do not switch off** power supply during update procedure.

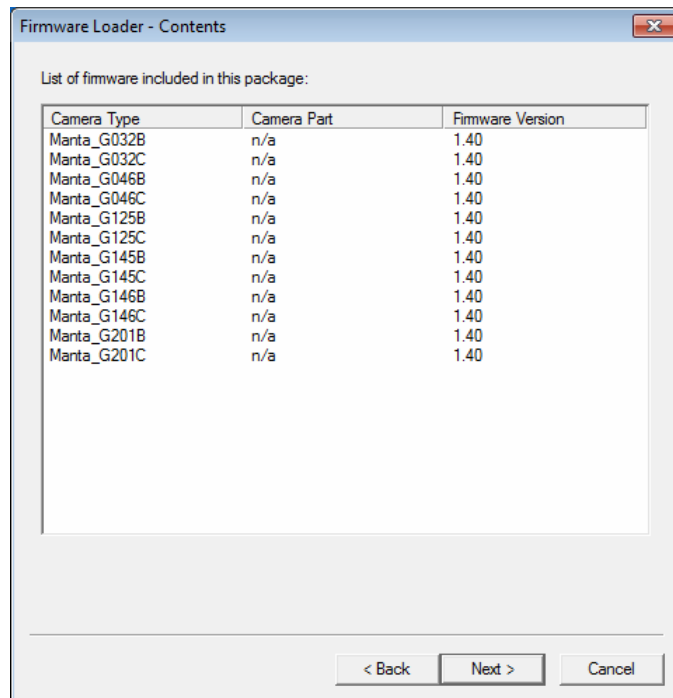
1. Download **AVT_MantaFirmwareLoader-X.yz.exe** from AVT Website:
<http://www.alliedvisiontec.com/de/login/distributor-area/firmware/manta.html>.
You must be logged in (with your password) to get access to this download area.
Alternatively: Go to www.alliedvisiontec.com and log on to the distributor area. Download **AVT_MantaFirmwareLoader-X.yz.exe**.
2. Double-click on **AVT_MantaFirmwareLoader-X.yz.exe**.

The firmware update dialog opens.



3. Click **Next**.

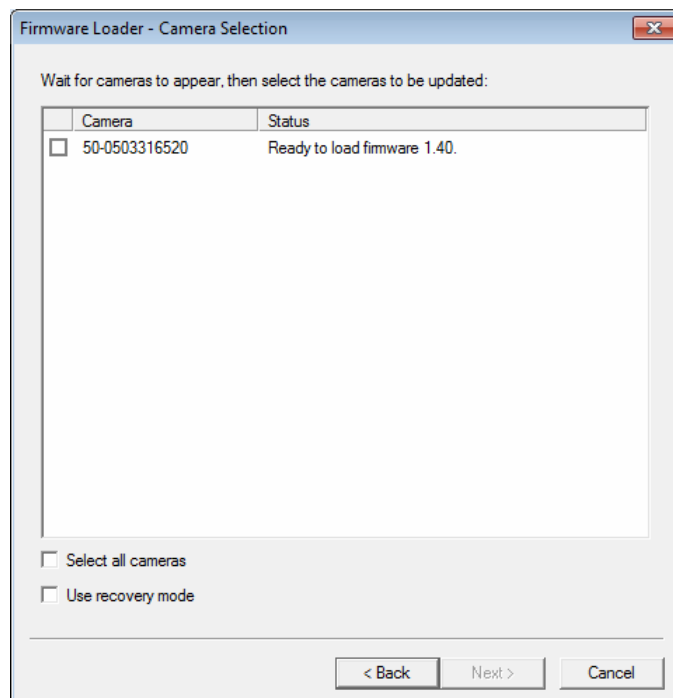
The following dialog opens.



In this list you see all available camera updates which are supported by the Firmware Loader.

4. Click **Next**.

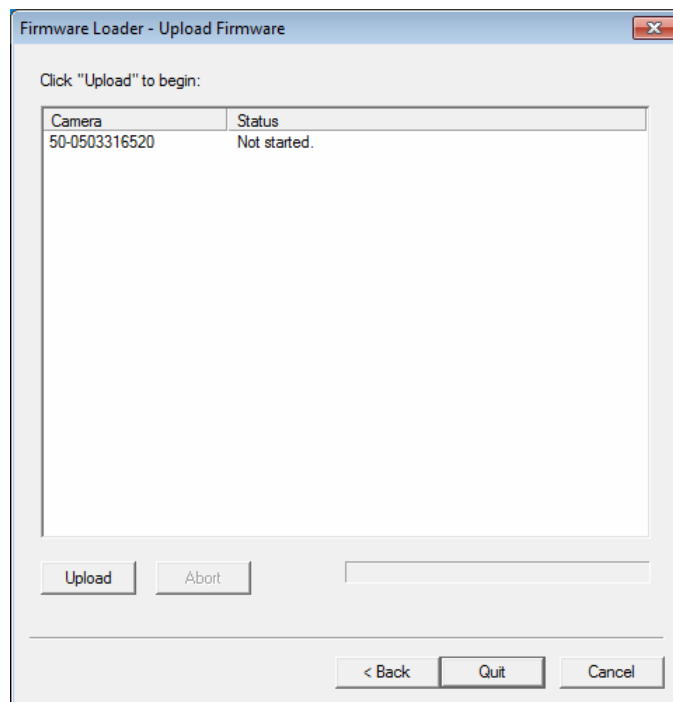
The following dialog opens.



In this list you see all available cameras for the update.

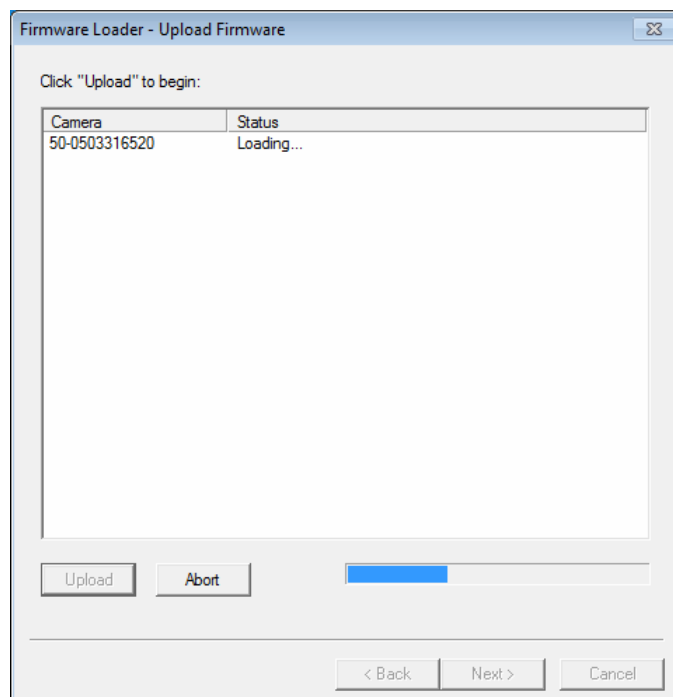
-
5. Select the desired camera (or activate **Select all cameras** check box). Activate **Use recovery mode** check box, if the connected GigE camera is not found by the firmware loader or if the GigE camera is in lock-up state. Windows 7: Depending on firewall settings, a firewall warning message appears: Click **Accept**.
 6. Click **Next**.

The following dialog opens.



7. Click **Upload** to start the update procedure.

The following dialog opens.

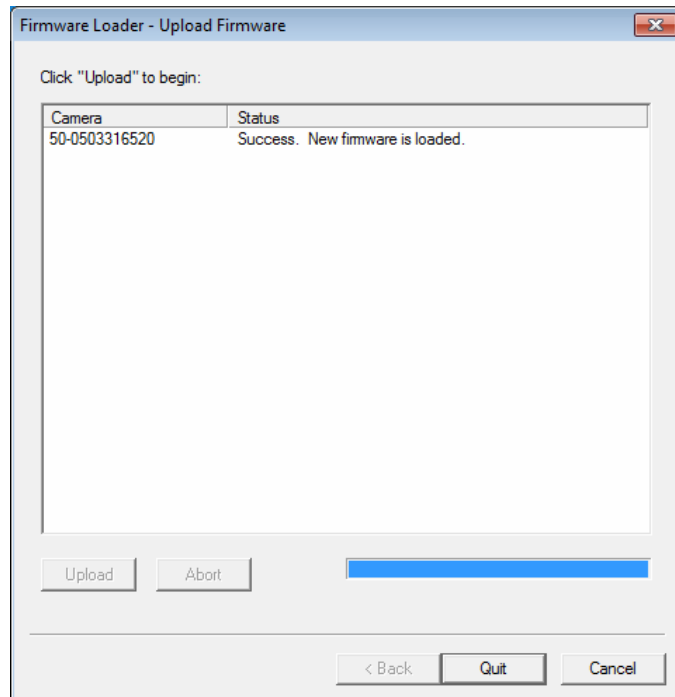


The camera is being updated. This will take some seconds.

Note

Do not plug off GigE cable and **do not switch off** power supply during update procedure.

After successful update the dialog looks like this:



8. Click **Quit** to close the Firmware Loader.

Your GigE camera is now successfully updated.

Camera Compatibility with GigE software, supplied by AVT and third party software

All AVT GigE cameras are tested for compatibility with the most recent versions of AVT software packages (AVT GigE SDK, AVT Universal Package) as well as 3rd party software packages.

It is highly recommended to always use newest versions, available from the website www.alliedvisiontec.com.

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