APDCAM Firmware Updater User Guide  
Version: 1.0

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1. **Introduction**

This document describes details about how to perform firmware upgrade on APDCameras.

1. **Requirements**
   * APDCAM connected to a computer which performs the upgrade
   * Network settings necessary to communicate with APDCAM
   * Visual C++2013 Redistributables installed to be able to run the software (for windows only)
2. **Using the software**

The application can be started from the command line with one input parameter which is the file name of the firmware file.

Example:

APDCAMFirmwareUpgrade.exe APD\_Camera\_Controller.hex

The software first tries to read the firmware file and if it is successful, it will start to upload the firmware data to APDCAM. A progress bar shows the progress of the uploading operation. After it successfully uploaded, APDCAM firmware updater will sends the start firmware upgrade command to APDCAM. After this the software will cyclically read a register which tells the user how the upgrade is proceeding. It could take some time so it will display messages for 10 minutes. After 10 minutes, if everything went well the application will exit with Firmware upgrade finished successfully message.

1. **Support**

If you have any further questions of want to report a bug please contact us by email:

[support@fusioninstruments.com](mailto:support@fusioninstruments.com?subject=APDCAM%20Firmware%20Updater)