JetCam Firmware Update Guide

January 2019

The JetCam Cameras supports firmware update via USB using a serial emulated terminal. To initiate a firmware update follow the next steps:

1. Download the latest firmware from KAYAs FTP server.
   Please make sure to download the correct FW for the camera that you have, as installing an incorrect FW may cause the camera to malfunction.
2. Connect a USB cable between the computer and the camera and acquire connection using Silabs drivers (drivers need to be downloaded manually if an automatic download isn't initiated).
3. Open serial emulated terminal (usage of Tera Term terminal is recommended) and set serial communication protocol as described in the table below:

Parameter	Value
Baud rate	115200
Start bits	1
Stop bits	1
Parity	None
Flow Control	None

For example in the Tera Term terminal, this should look as following (the port number might be different):
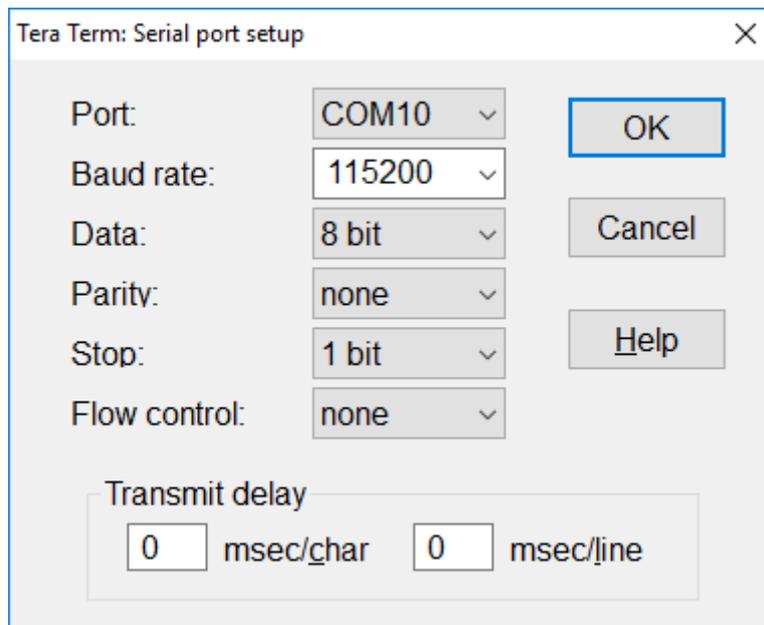
4. Choose the firmware update option by entering "firmware" followed by a carriage return and wait for the following message: "Now starting firmware update, please start file transfer using XMODEM:"

5. Under the "File" tab use the terminal "transfer" capability using the XMODEM protocol to initiate the firmware update. Choose "Send" and the firmware update file: *JetCam_XXX_YYY_ZZZ*.bin (where *XXX* is the model name and *YYY_ZZZ* is the version number)
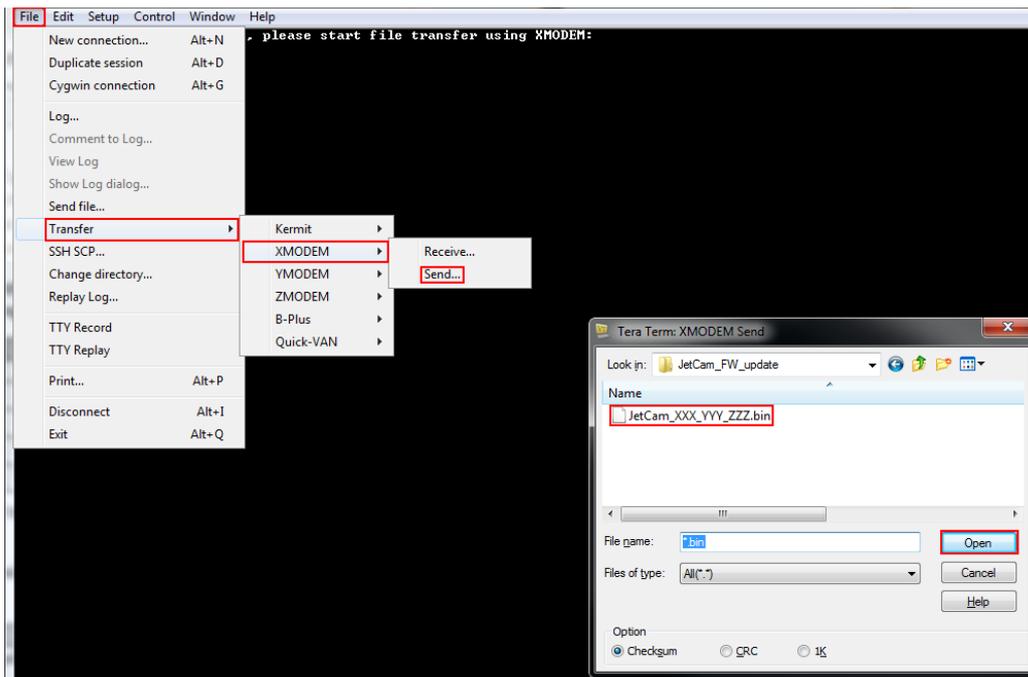
6. If no firmware will be sent during 1 minute, or in case of an error, the firmware update will fail and return to the previous operation mode:

7. The firmware update process will take about 10 minutes.
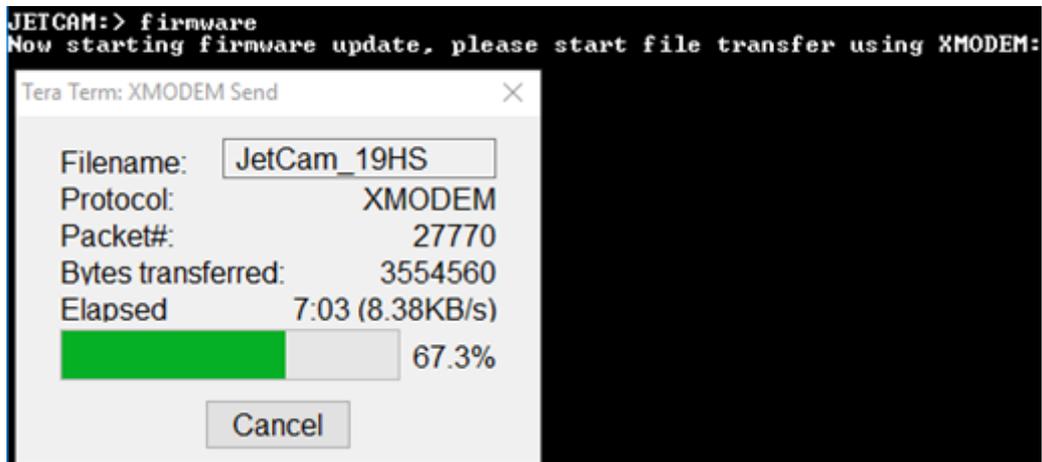
8. A successful update will result in an appropriate message:

9. To apply the new firmware, the camera should be power cycled by disconnecting the power supply from the camera and connecting it back after a few seconds.