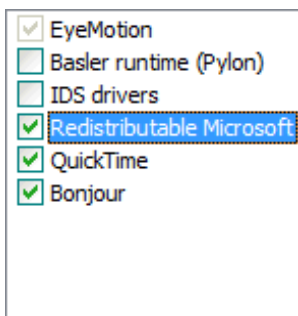


## Proclmage 500-Eagle – System installation



- **System requirements:**
  - Intel Core 2 Duo, 4Go of RAM, 1.5 GB free disk space, USB 3.0.
  - Windows XP SP3 or above. Microsoft .Net v4.0 is required and installed by EyeMotion if needed.
- **Software installation:**
  - Prior to connecting the camera, install the “EyeMotion” software from See Fast Technologies, supplied on CD, or USB key, or through a download link.
  - Start the installer by double-clicking the file EyeMotion-SFT-setup-xxx.exe.
  - Select your language (English or French).
  - Process through the different installation steps.
  - You do not need to be connected to the Internet during the whole installation.
  - The setup provides a list of optional components that may be deployed in addition to the EyeMotion software:
    - « Basler runtime », only required to make Basler camera work.
    - « IDS drivers », only required to make IDS camera work.
    - « Redistributable Microsoft ». The are mandatory, but their installation can take a long time; thus, if you are sure that they are already installed, you can skip them.
    - The QuickTime library is mandatory for EyeMotion older than version 1.7.0, but optional from that version. When it is installed, EyeMotion provides more multimedia features.
    - The « Apple Bonjour(c) » service is optional and will only make some network features of EyeMotion more user friendly.



- **Driver installation:**
    - Your Windows operating system must now detect the camera connection, even if it is not yet recognized as a Proclmage in the Device Manager. .  
**Please note that in the following steps, Windows identifies the Proclmage under the name « Cypress Bootloader » or « Cypress USB BulkloopExample ».**  
 If the camera is not detected immediately after the installation, you may have to reboot your system.
1. Under Windows XP  
 You are asked to install the drivers for this hardware. Accept the installation of the drivers, specifying if necessary the location of the driver files, which are located in the software folder:  
**C:\Program Files\See Fast Technologies\EyeMotion\drivers**
  2. Under Windows Vista, 7 or above  
 The driver will be automatically installed.
  3. On success, you should be notified by the system that the equipment has been successfully installed.
  4. Once a Proclmage500-Eagle has been recognized on a given USB, this port can be used later without additional burden. But each new port on which the camera is plugged may ask again for driver installation (steps 1 or 2).

- **Camera detection by the software:**
  - To allow EyeMotion to offer a live view of a connected ProclImage500-Eagle, and give access to software features related to this camera, a license must be installed. Such a license is linked to the camera serial number.
  - If EyeMotion does not detect any camera, the message “No camera detected” is displayed. If a camera is detected, but is not allowed to run with the license installed, the message changes to “No authorized camera is detected”.
- **Software license installation:**
  - A license file has a name similar to **license-eyemotion-<customer name>-<short summary>.lic**.
  - This file must be present on the CD or the USB key supplied with the ProclImage, or provided by e-mail. If it is not the case, do not hesitate to contact your reseller.
  - To install this license, start the software, go to the menu « ? > Licenses... », click the “add” button (+), and browse folders for the license file.
  - Once installed, the license is displayed in the list. The original file (\*.lic) can be moved or deleted, but you should keep it in a safe place in case you need it again.
  - This operation must only be done the first time you use your camera. As long as you do not remove the license from the list, you will not have to perform this operation again.
- **Initial performance test:**
  - The very first time that EyeMotion is used with a camera, a “USB/disk performance test” is proposed. That test estimates the current streaming capacities of the host PC, and checks if it seems reliable for a full cadency recording. Once done, this test is not proposed any more.
  - That test can be done at any time with the menu « Tools > Test USB/Disk performance », or by clicking .
- **Camera factory settings:**
  - A « .cfg » file must be present on the CD or the USB key supplied with the ProclImage250, or provided by e-mail. If it is not the case, do not hesitate to contact your reseller. This file must be installed by the EyeMotion software through the menu « Tools > Cameras configuration > Load configuration file ».
  - This file contains factory settings that are to be applied permanently to the camera, like information allowing PRNU noise correction (Photo Response Non Uniformity).
- **ProclImage500-Eagle FPN sensor noise calibration:**
  - If necessary, EyeMotion supplies a FPN capture tool through the menu « Tools > Noise calibration (FPN) > Reset ». This operation is not required, but if it was to be done, the sensor must be covered to darkness in order to avoid ghost images.
- **Advice for the use of the ProclImage500-Eagle with EyeMotion:**
  - Each time you use the ProclImage500-Eagle with EyeMotion, it is recommended to make a first shooting of a few seconds, to prepare the operating system for intense use of memory resources, USB link, and hard drive.

- **ProclImage500-Eagle connectors:**

- The ProclImage500-Eagle is powered by an external power supply of 12V.
- Four BNC connectors and one mini-jack are available. The EyeMotion software, through the menu « Tools > I/O Manager », provides settings for each connector: its type (among Trigger In, Trigger Out, Synchro In, Synchro Out, Strobe Out), and input format (among contact closure and TTL <5V; inputs are opto-isolated). The mini-jack is limited to contact closure input signals.
- HDMI and Ethernet connectors are not functional for the moment.



- **Maintenance:**

- The software can be installed on an unlimited number of hosts, with or without a camera license<sup>1</sup>.
- To detect the availability of software updates, the software must be installed on a host with access to the Internet.
- In case of problems during this installation you can contact your reseller.
- You can also contact us with the following information:

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<sup>1</sup> Some software features might be limited by the license to one single host.