

uEye cameras in webcam applications

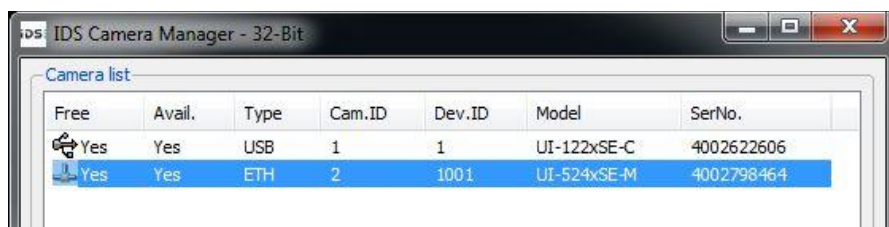
This Application note will show one how to use the uEye camera in typical webcam applications like Skype and other programs.

Driver requirements

For using the uEye camera, the latest uEye driver has to be installed on the system (download: www.ueyesetup.de).

In addition to the general uEye driver, the uEye DirectShow interface has to be installed on the system. It can be downloaded on our official internet site: <https://en.ids-imaging.com/ueye-interface-direct-show.html>.

Like in every DirectShow based application, please take care that the connected uEye cameras have got unique camera IDs beginning at 0 ascending.

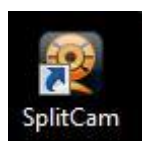


Free	Avail.	Type	Cam.ID	Dev.ID	Model	SerNo.
Yes	Yes	USB	1	1	UI-122xSE-C	4002622606
Yes	Yes	ETH	2	1001	UI-524xSE-M	4002798464

Additional software: SplitCam

Usually DirectShow based applications like AMCap or GraphEdit can have access to the uEye camera over the DirectShow interface. Other applications like the newer versions of Skype require a real webcam. The uEye camera is no webcam, so it will not be detected as a camera within these applications.

What is required to use the uEye camera in such webcam applications is a piece of software called **SplitCam**. It can be downloaded on the internet for free (→ www.splitcamera.com). Please download this piece of software and install it on your system.

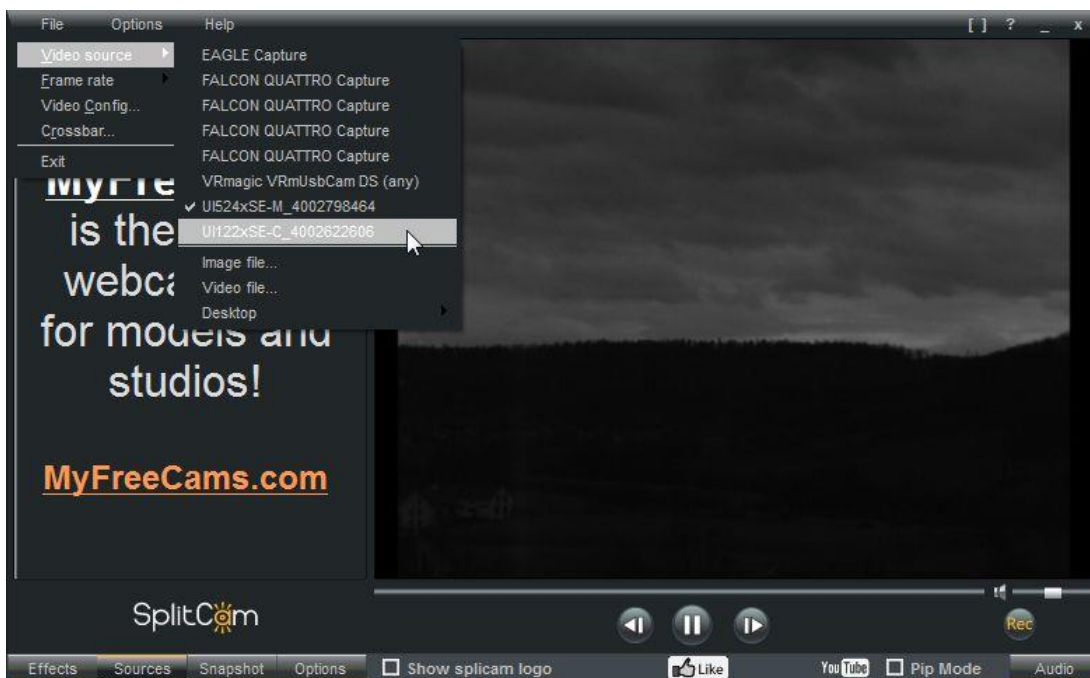


Open SplitCam

After installing the SplitCam software, open it.

This software renders the functionality to select the video source by clicking "File → Video source". Select one of the listed uEye cameras.

The application will immediately show a live image of the selected camera. One has now additional functions to set camera parameters such as frame rate, resolution and so on.



Open Camera with Skype

Open Skype and log in.

Select "Tools → Options → Video settings" to select the "SplitCam Video Capture" as webcam.

