

RECENT IMPROVEMENTS AT CIF EPALINGES

Contributed by Florence MORGENTHALER
Monday, 07 June 2010
Last Updated Monday, 21 June 2010

A new camera (Coolsnap HQ2) is now available on the time-lapse set-up (inverted Axiovision). This camera is a fast, high-resolution camera designed for quantitative fluorescence microscopy applications.

This cooled CCD camera delivers wide dynamic range with very low noise. The pixels can also be easily binned to improve sensitivity and reduce exposure time (a pre-requisite for living samples).

The previous black and white camera (AxioCam MRm) has been transferred to the upright Axiovision set-up. Therefore, this set-up is now equipped with two different cameras: black and white (preferentially used for fluorescent signals), as well as colour (preferentially used for histology). This also means that far red dyes such as CY5 or APC can now be imaged on this set-up (using the black and white camera!).