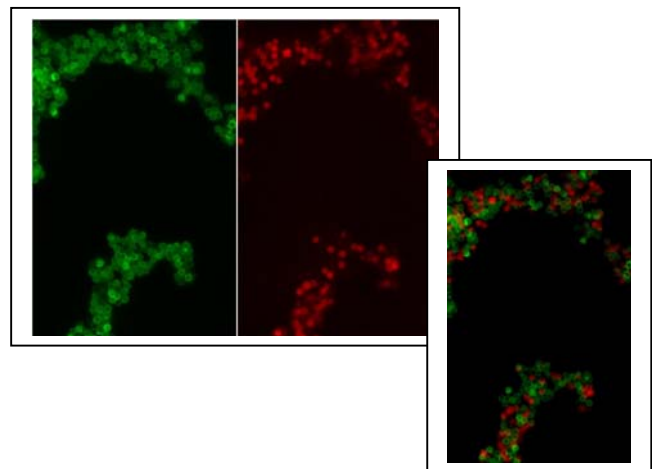
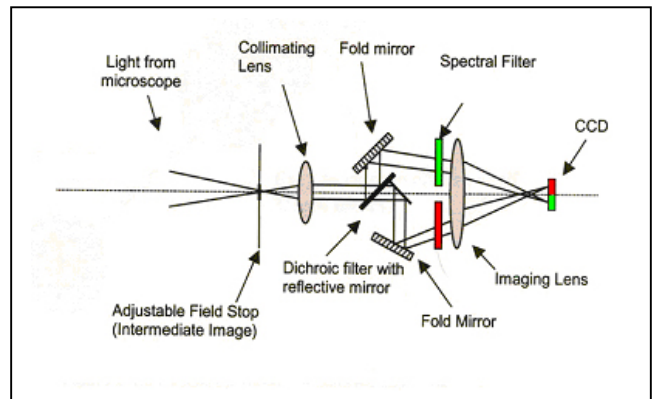
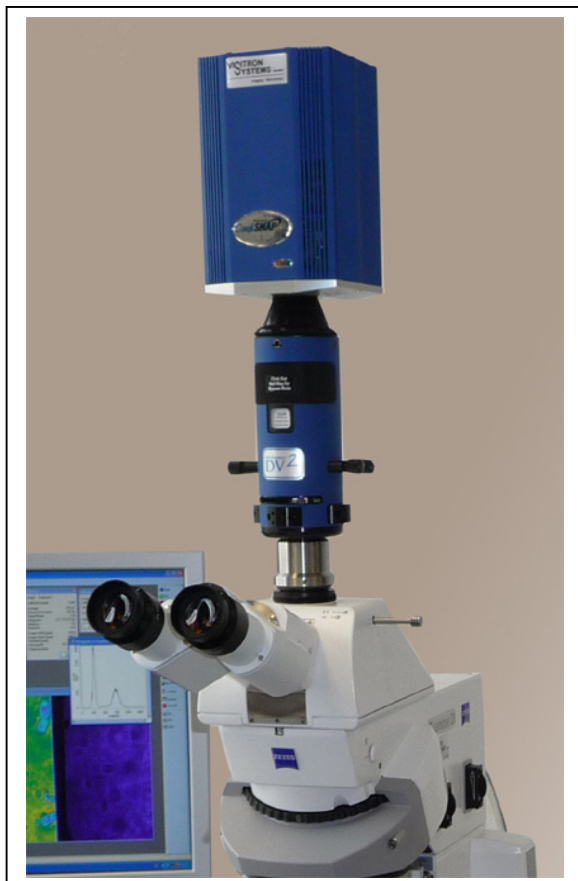


## Microscope Peripherals

### DualView / QuadView Imager

#### Simultaneous Acquisition Solution

The Dual-View utilizes a single beam splitter to split the incident beam from the microscope into two independent beams. One beam contains all the emission reflected off of the beam splitter; the other contains all the emission transmitted through the beam splitter. Each of these emission channels is projected onto half of the CCD array at exactly the same point in time. Simultaneous multichannel imaging is essential to achieve quantitative emission ratiometric analysis.



## Features:

- Simultaneous acquisition of two full-field emission images
- Emission can be separated by wavelength, polarization, or amplitude
- Easily mounts to most microscopes
- Improved adjustment control enables easier image alignment
- Redesigned aperture adjustments ensure apertures are parallel
- Uses standard 25-mm-diameter emission and polarization filters
- Bypass mode permits no-hassle, full-field imaging
- Exchangeable filter cube allows multiple applications to be run with minimal realignment
- Integrated, adjustable CCD mask minimizes ghosting

## Applications:

- Real-time multicolor imaging
- FRET imaging
- Calcium imaging with fluo-3/Fura Red™ (Molecular Probes)
- or dual-emission indo-1 imaging
- Fluorescence polarization/anisotropy imaging
- Simultaneous fluorescence/DIC imaging
- Drug discovery with Cy3/Cy5
- Single-molecule fluorescence (SMF)
- pH imaging with SNARF
- Multiwavelength TIRF
- Multiwavelength FLIM
- Voltage sensing with di-4-ANEPPS
- Multichannel confocal microscopy when used in conjunction with a spinning-disk confocal

## QuadView Imager

The QuadView allows simultaneous acquisition of up to four emission channels in a single exposure.

The QuadView uses a series of beamsplitters to split the emission light from the microscope into four separate channels.

Each channel is then projected onto one quadrant of the CCD at exactly the same moment in time. Simultaneous multichannel imaging is essential to achieve quantitative ratiometric imaging.

