

Bundle-Imaging Fluorescence Mini Cube



- Multi-site fiber photometry from 2 to 31 sites
- Fully integrated light sources and cameras
- Easy synchronization with Doric Neuroscience Studio



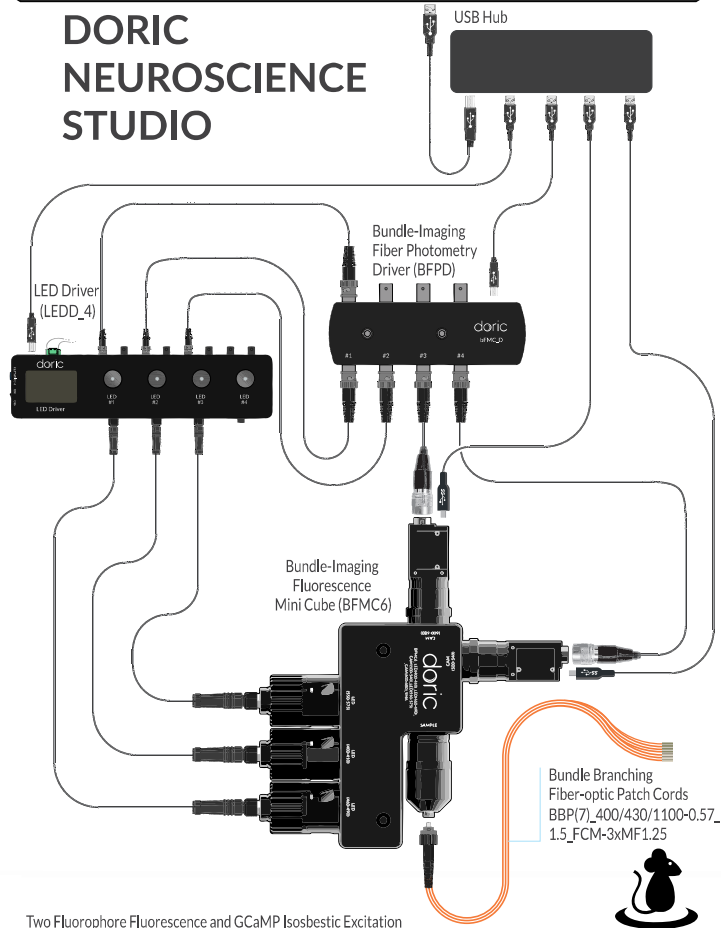
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Bundle-Imaging Photometry System



DORIC NEUROSCIENCE STUDIO



Applications:

The Bundle-Imaging Fluorescence Mini Cube

- General Fluorescence Sensing
- Multi-site Fiber Photometry
- Multi-animal Fiber Photometry



Features

Multi-site, 2-color Fiber Photometry System based on imaging a fiber bundle

- 1.3 mm diameter effective field of view
 - Up to 12 sites with 400 μm core diameter optical fibers.
 - Up to 31 sites with 200 μm core diameter optical fibers.
- 2-color system based on two image sensors
- Kohler illumination design
 - Delivers uniform excitation into all optical fibers.
- Sampling rate up to 30 Hz with interleaved detection
- Rotary joint compatible when using multiple animals
 - Maximum 1 to 2 sites per animal.
- Compatible with Low-Autofluorescence Doric Mono, Dual and Fiber-optic Array Cannulas

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