

Doric Neuroscience Studio



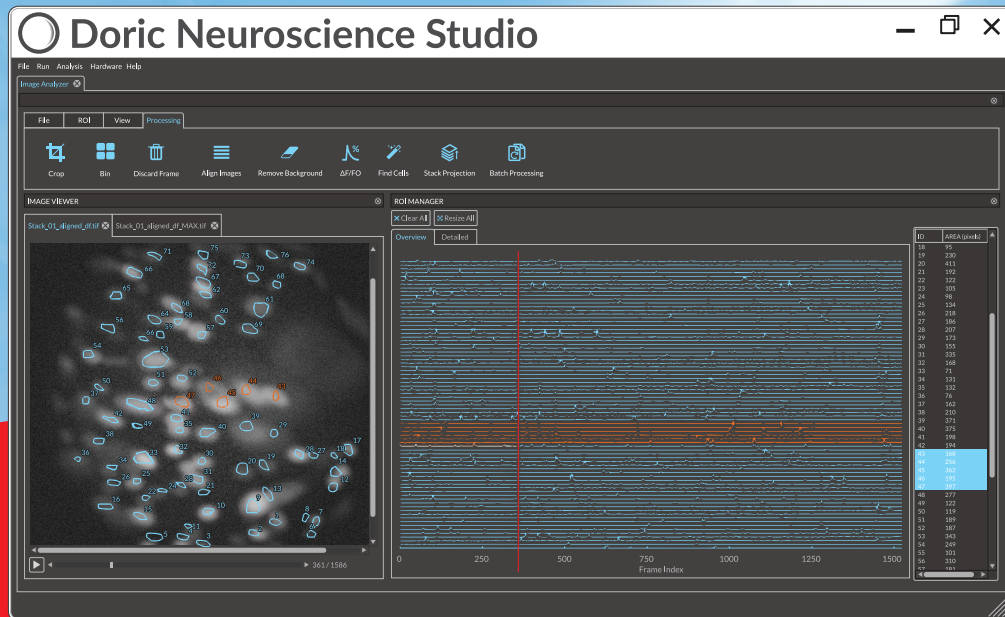
MICROSCOPY



BEHAVIOR CAMERA



LIGHT SOURCES



FIBER PHOTOMETRY



ELECTROPHYSIOLOGY



OPTOGENETICS

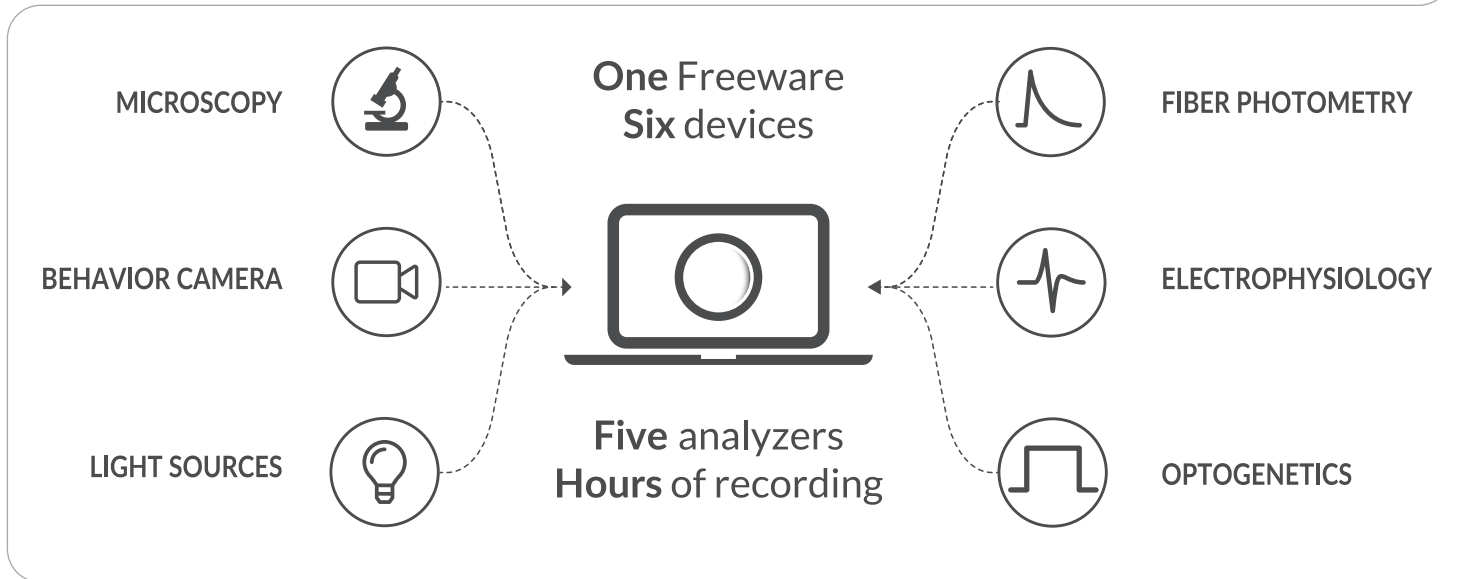
Freeware Solution for Optogenetics, Fiber Photometry, Miniature Fluorescence Microscopy, Wireless Electrophysiology & Behavior Tracking Cameras

NEW

- Bundle-imaging photometry module
- Motion tracking function
- Batch analysis of photometry and microscopy data

doric
doriclenses.com





Simplify synchronization
between modalities
by controlling all
your devices from
the same platform.

Do your analysis
on-the-spot to increase
your data throughput.

One freeware,
Six devices,
Five analyzers,
Hours of recording

	Control	Analysis
MICROSCOPY	<ul style="list-style-type: none"> • Real-time imaging • Up to 45 FPS • Electronic focus • Two-color recording • Save in .tif or .doric 	<ul style="list-style-type: none"> • Image alignment • $\Delta F/F_0$ calculation • PCA/ICA cell finder • Batch processing
BEHAVIOR CAMERA	<ul style="list-style-type: none"> • Synchronized behavior • External triggering • Up to 60 FPS Full HD • Save in .avi 	<ul style="list-style-type: none"> • Synchronized movie + traces viewer • Behavior Tracking
LIGHT SOURCES & OPTOGENETICS	<ul style="list-style-type: none"> • Complex sequences • Smoothing edges • Protocol preview • Independent channels 	<ul style="list-style-type: none"> • Optogenetics stimulation simulator
FIBER PHOTOMETRY	<ul style="list-style-type: none"> • Lock-in demodulation • 12 kS/s acquisition • Real-time data display with filters • Save in .csv or .doric 	<ul style="list-style-type: none"> • $\Delta F/F_0$ calculation • Channel arithmetics • Frequency filters • Batch Processing
ELECTROPHYSIOLOGY	<ul style="list-style-type: none"> • Wireless headstages • Real-time data display • Optogenetically synchronized • Save in .csv or .doric 	<ul style="list-style-type: none"> • Frequency filter • Spike finder • Raster plot