Doric Neuroscience Studio

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

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<th>Control</th>
<th>Analysis</th>
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| **MICROSCOPY** | • Real-time imaging  
• Up to 45 FPS  
• Electronic focus  
• Two-color recording  
• Save in .tif or .doric | • Image alignment  
• ΔF/F0 calculation  
• PCA/ICA cell finder  
• Batch processing |
| **BEHAVIOR CAMERA** | • Synchronized behavior  
• External triggering  
• Up to 60 FPS Full HD  
• Save in .avi | • Synchronized movie + traces viewer  
• Behavior Tracking |
| **LIGHT SOURCES & OPTOGENETICS** | • Complex sequences  
• Smoothing edges  
• Protocol preview  
• Independent channels | • Optogenetics stimulation simulator |
| **FIBER PHOTOMETRY** | • Lock-in demodulation  
• 12 kS/s acquisition  
• Real-time data display with filters  
• Save in .csv or .doric | • ΔF/F0 calculation  
• Channel arithmetics  
• Frequency filters  
• Batch Processing |
| **ELECTROPHYSIOLOGY** | • Wireless headstages  
• Real-time data display  
• Optogenetically synchronized  
• Save in .csv or .doric | • Frequency filter  
• Spike finder  
• Raster plot |