

Materials List for

An Adjustable High-Definition Imaging System for Behavioral Studies of *Drosophila* Adults

Tong Li^{*1,2}, Yujia Weng^{*1,2}, Daxiang Yang¹

¹Department of Zoology and Animal Physiology, College of Biological Sciences, China Agricultural University ²College of Life Sciences, Capital Normal University

* These authors contributed equally

Corresponding Author

Daxiang Yang
dxyoung@cau.edu.cn

Citation

Li, T., Weng, Y., Yang, D. An Adjustable High-Definition Imaging System for Behavioral Studies of *Drosophila* Adults. *J. Vis. Exp.* (), e62533, doi:10.3791/62533 (2021).

Date Published

June 8, 2021

DOI

10.3791/62533

URL

jove.com/video/62533

Materials

Name	Company	Catalog Number	Comments
compact camera, Nikon P310	Nikon		3-5x optical zoom, cam record 1080 P HD video
ethylamine foam			60 mm x 60 mm x 15 mm
Food Blue No 1		CAS 3844-45-9	
mini LED lights and transformer	GODOX	LED-P120	have 5000-5600 K color temperature
small container (e.g. bottle cap)			about Ø 15 mm x 20 mm
UV / Clear filter			high-quality UV/Clear filter with high transmittance, 30-40 mm
zoom stereo microscope			5-50x zoom