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Materials List for:

Using Looming Visual Stimuli to Evaluate Mouse Vision

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Materials

Name	Company	Catalog Number	Comments
10.1" monitor (2° display)	Elecrow	Elecrow 10.1 Inch Raspberry Pi 1920x1080p Resolution Display	
14" Business Class Laptop 5490	Dell	84 / rcrc961481-4860836	
20" x 50" Absorbant Liners	Fisher Scientific	AL2050	works well to protect floor of arena, could use any type of liner
21.5" monitor (1° display)	Acer	Acer R221Q bid 21.5-inch IPS Full HD Display	
CCD Camera	Lumenera Corporation	Infiniyy3S-1UR	excellent for behavioral studies due to high fps rate (60 fps)
Enclosure (aluminum frames and PVC panels)	80/20 Inc.	4x cat.#9010, 4x cat.#9005, 1x cat.#9000, 5x cat.#65-2616	excellent, used quick build tab to find PVC, joints, and frame
Ethanol	Fisher Scientific	22-032-601	
Excel Spreadsheet Software	Microsoft Office		user friendly and widespread knowledge of Microsoft Office software
Freearm	Amazon		used to mount camera to the table, could use any mountable extendable arm
ImagePro Premiere 3D	Media Cybernetics	version 9.3	good program, could use some updating with the automated tracking feature
Matlab software (Psychotoolbox 3)	MathWorks	Matlab R2018b 64-bit (9.5.0.944444)	excellent software to generate pattern stimuli of any conditions
SteamPix sorftware	Norpix	StreamPix 7 64-bit Single Camera	works well, a few problems with frame dropping but good customer service
WD My Book External Hard Drive	Western Digital	WDBBGB0080HBK hard drive 8 TB USB 3.0	necessary if using .avi files with no compression codec due to large size of files
Wide angle lens	Navitar	NMV-5M23	excellent and necessary to capture entire arena