

SYDEX Typical "Process" Camera System Hardware List

Equipment list		Example of tested Products			
Item	General Use	Brand	Model	Description	Estimated Cost
Required: Portable video camera - <i>option 1</i>	1 for each required angle	Canon	VIXIA HF-R80	57x zoom, HD 1080P, WI-FI, 16 GB internal storage, optical image stabilization	MSRP = \$349.00 (4/10/20 BestBuy = \$299.00)
Portable video camera - <i>option 2</i>	1 for each required angle	Canon	VIXIA HF-R800	57x zoom, HD 1080P, optical image stabilization	MSRP = \$249.00 (4/10/20 BestBuy price = \$219.00)
Laptop PC - High Performance	Required for portable game logging	Dell	G7 17 7790 Dual Hard drive	Laptop Quad Core i7-9750H; 16GB RAM; 256GB SSD; 1TB HDD; Win10 Pro; 17.3" (1920x1080);	MSRP = \$1,589.99 Current web price at 4/10/20 = \$1,499.00
Suggested:					
Multi Media Card Reader	1 reader for each camera for quicker merging into program	Many brands will work		Hi Speed USB 3.0 Hi-Speed Media Card Reader	
Additional battery power	1 for each camera	Many brands will work		BP-718 Standard battery pack BP-727 High capacity battery pack	
Memory Card	A SDHC memory cards are needed for each camera	Many brands will work		Class 10	
Camera Tripod	1 for each camera	Many brands will work			
Rain protection	1 for each camera	Many brands will work			

Other Hardware Considerations:

Additional Network Storage	For long term archiving of video & data	I.E.: Western Digital		Best to use a RJ-45 Network Connection	
Tablet	Used for charting while "in the stands" or any other limited viewing area	Microsoft	Surface Pro 7	256 GB Hard Drive Intel Core i5 8 GB Ram	MRSP = \$999.00 as of 4/10/20
Video Converter	Used to bring external video source into a PC	BlackMagic Design	H.264 Pro-Recorder		MRSP = \$499.00