

Common Camera options	link	Price	Array	Pixel size	Bit depth	Dynamic Range	Quantum Efficiency	Sensor size
Dalsa 1M60 or M30	https://www.adept.net.au/cameras/dalsa/Pant	a lot	1024x1024	12x12 um	12 bit	66 db	?	?
Retiga camera	https://www.cairn-research.co.uk/wp-content/	a lot	1360x1024	6.45x6.45 um	14 bit	?	?	75% 2/3"
Qicam	https://www.biocompare.com/23742-Uncooled	a lot	1392x1040	4.65x4.65 um	12 bit	?	?	?
Two great options. I chose the Blackfly because it was in stock								
Basler MED ace 2.3 MP 41 mono	https://shop.baslerweb.com/amer_en/basler-med-ace-2.3-mp-41-mono	\$ 649.00	1920x1200	5.86x5.86um	12 bit	73.5 db	67%	1/1.2"
BFLY-U3-2356M-C USB 3.0 Blackfly	https://www.edmundoptics.com/p/bfly-u3-2356m-c-usb-3-0-blackfly	\$ 595.00	1920x1200	5.86x5.86um	12-16 bit	73 db		1/1.2"
Cameras that should work. I like these larger sensors. Binning pixels should help a lot								
Basler ace acA1440-220um	https://www.edmundoptics.com/p/basler-ace-acA1440-220um	\$ 425.00	1440x1080	3.45x3.45 um	12 bit	71.5 db		1/2.9"
Basler Ace2 pro a2A2448-75umPRO	https://shop.baslerweb.com/amer_en/a2a2448-75umpro	\$ 800.00	2448x2048	2.74x2.74 um	12 bit	70 db		65% 1/1.8"
Basler ace2 pro a2A1920-160umPRO	https://shop.baslerweb.com/amer_en/a2a1920-160umpro	\$ 439.00	1920x1200	3.45x3.45 um	12 bit	71.7 db		62% 1/2.3"