

by sensors:

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX273 1.6MP	Basler: acA1440-220uc	227	353	3.3 W(660mA)	1440 × 1080	1pc
	FLIR: BFS-U3-16S2C-C	226	351	3W(600mA)	1440 × 1080	1pc
	IDS: UI-3040CP-C-HQ	243	382	3.6W(720mA)	1448 × 1086	1pc
	IDS: U3-3040CP-C-HQ	250	396	3.2W(640mA)	1456 × 1088	1pc
	IDS: UI-3040SE-C-HQ _{U3.1 GEN1 C}	243	382	3.5W(700mA)	1448 × 1086	1pc
	IDS: U3-3040SE-C-HQ _{U3.1 GEN1 C}	250	396	3.4W(680mA)	1456 × 1088	1pc
	Sentech:STC-MCS163U3V	238	370		1440 × 1080	1pc
CMOSIS CMV2000 2.0 MP	Alkeria: C2K-M (2 x USB3)	340	757	3W(600mA)	2048 x 1088	1pc
	Alkeria: CO2K-M	170	378	3W(600mA)	2048 x 1088	1pc
	Basler: acA2000-165uc	165	365	3.2W(640mA)	2048 x 1086	1pc
	IDS: UI-3360CP-C-HQ	152	344	2.9W(580mA)	2048 x 1088	1pc
	SenTech: STC-MCCM200U3V	167	372	4W(800mA)	2048 x 1088	1pc
	Ximea: MQ022CG-CM	170	378	1.5W(300mA)	2048 x 1088	1pc
Sony IMX174 2.3 MP	Basler: acA1920-155uc	164	377	3.4W(680mA)	1920 x 1200	2pcs
	FLIR: GS3-U3-23S6C-C	163	375	4.5W(900mA)	1920 x 1200	2pcs
	IDS: UI-3060CP-C-HQ	166	390	3W(600mA)	1936 x 1216	2pcs
	JAI: GO-2400C-USB	159	374	4.1W(820mA)	1936 x 1216	1pc
	Matrix Vision: mvBlueFOX3-2024C	164	386	4.5W(900mA)	1936 x 1216	1pc
	SenTech: STC-MCS241U3V	163	375	4W(800mA)	1920 x 1200	1pc
	SVS-VISTEK: exo174CU3	160	368	4W(800mA)	1920 x 1200	1pc
	The Imaging Source:DFK33UX174	162	373	1.25W(250mA)	1920 x 1200	1pc
	Toshiba Teli: BU238MC	165	380	2.9W(580mA)	1920 x 1200	2pcs
	Ximea: MC023CG-SY-UB	165	388	2.4W(480mA)	1936 x 1216	1pc
Ximea: MC023CG-SY _{U3.1 GEN1 C}	165	388	2.4W(480mA)	1936 x 1216	1pc	
ON Semiconductor PYTHON 2000 2.3 MP	IDS: UI-3160CP-C-HQ	169	389	2.9W(580mA)	1920 x 1200	1pc
Sony IMX421 2.8 MP	FLIR: BFS-U3-28S5C-C	130	368	4.2W(840mA)	1936 x 1464	1pc

Sony IMX252 3.2 MP	Basler: acA2040-120uc	120	377	3.4W(680mA)	2048 x 1536	1pc
	FLIR: GS3-U3-32S4C-C	121	380	4.5W(900mA)	2048 x 1536	2pcs
	FLIR: BFS-U3-32S4C-C	118	371	3W(600mA)	2048 x 1536	2pcs
	IDS: UI-3070CP-C-HQ	123	389	3.3 W(660mA)	2056 x 1542	1pc
	SenTech: STC-MCS322U3V	121	380	4.2W(840mA)	2048 x 1536	1pc
	The Imaging Source: DFK33UX252	120	377	1.25W(250mA)	2048 x 1536	1pc

	Toshiba Teli: BU302MCF	120	382	4W(800mA)	2064 x 1544	1pc
	Ximea: MC031CG-SY-UB	122	388	2.75W(550mA)	2064 x 1544	1pc
	Ximea: MC031CG-SY _{U3.1 GEN1 C}	122	388	2.75W(550mA)	2064 x 1544	1pc

CMOSIS CMV4000 4.0 MP	Alkeria: C4K-M (2 x USB3)	180	754	3W(600mA)	2048 x 2048	1pc
	Alkeria: CO4K-M	90	377	3W(600mA)	2048 x 2048	1pc
	Basler: acA2040-90uc	90	375	3.2W(640mA)	2040 x 2046	1pc
	FLIR: GS3-U3-41C6C-C	90	377	4.5W(900mA)	2048 x 2048	1pc
	IDS: UI-3370CP-C-HQ	80	344	2.7W(540mA)	2048 x 2048	1pc
	SenTech: STC-MCCM401U3V	89	373	4W(800mA)	2048 x 2048	1pc
	Toshiba Teli: BU406MC	90	377	2.7W(540mA)	2048 x 2048	1pc
	Ximea: MQ042CG-CM	90	377	1.5W(300mA)	2048 x 2048	1pc

Sony IMX250 5.0 MP	Basler: acA2440-75uc	75	376	3.4W(680mA)	2448 x 2048	1pc
	FLIR: GS3-U3-51S5C-C	75	376	4.5W(900mA)	2448 x 2048	3pcs
	FLIR: BFS-U3-51S5C-C	75	376	3W(600mA)	2448 x 2048	2pcs
	IDS: UI-3080CP-C-HQ	77	388	3W(600mA)	2456 x 2054	2pcs
	IDS: UI-3080SE-C-HQ _{U3.1 GEN1 C}	77	388	3W(600mA)	2456 x 2054	1pc
	JAI: GO-5100C-USB	74	374	3.9W(780mA)	2464 x 2056	1pc
	SenTech: STC-MCS510U3V	75.7	379	4.2W(840mA)	2448 x 2048	2pcs
	The Imaging Source: DFK33UX250	75	378	1.25W(250mA)	2448 x 2048	1pc
	Toshiba Teli: BU505MCF	75	379	4W(800mA)	2464 x 2056	1pc
	Ximea: MC050CG-SY-UB	76	385	2.85W(570mA)	2464 x 2056	1pc
	Ximea: MC050CG-SY _{U3.1 GEN1 C}	76	385	2.85W(570mA)	2464 x 2056	1pc
ON Semiconductor PYTHON 5000 5.0 MP	Basler: acA2500-60uc	60	318	3.5W(700mA)	2590 x 2048	2pcs
	IDS: UI-3180CP-C-HQ	72	382	4.1W(820mA)	2592 x 2048	2pcs
Anafocus Lince5M 5.0 MP	JAI: GO-5000C-USB	62	325	3.6W(720mA)	2560 x 2048	1pc

Sony IMX178 6.4 MP	Basler: acA3088-57uc	59	376	3W(600mA)	3088 x 2064	2pcs
	FLIR: BFS-U3-63S4C-C	59.6	374	3W(600mA)	3072 x 2048	1pc
	IDS: UI-3880CP-C-HQ	58	358	2W(400mA)	3088 x 2076	1pc
	The Imaging Source: DFK33UX178	60	377	1.25W(250mA)	3072 x 2048	1pc
	The Imaging Source: DFK37BUX178 _{U3.1 G}	60	377	3.75W(750mA)	3072 x 2048	1pc
TELI Original 6.5 MP	Toshiba Teli: DU657MC	55	360	3.6W(720mA)	2560 x 2560	1pc

Sony IMX428 7.1 MP	FLIR: BFS-U3-70S7C-C	51	360	4.2W(840mA)	3208 × 2200	1pc

Sony IMX334 8.3 MP	Basler: a2A3840-45ucPRO	45	373	3.4W(680mA)	3840 × 2160	1pc

Sony IMX255 8.9 MP	Basler: acA-4096-40uc	42	372	3.8W(800mA)	4096 × 2168	1pc
	FLIR: GS3-U3-89S6C-C	42	371	4.5W(900mA)	4096 × 2160	1pc
	FLIR: BFS-U3-89S6C-C	42	371	3W(600mA)	4096 × 2160	1pc
	Sentech:STC-MCS891U3V	42.3	374		4096 × 2160	1pc
	Ximea: MC089CG-SY-UB	43	384	3.25W(650mA)	4112 × 2176	1pc
	Ximea: MC089CG-SY _{U3.1 GEN1 C}	43	384	3.25W(650mA)	4112 × 2176	1pc
	IDS: UI-3090SE-C-HQ _{U3.1 GEN1 C}	40	356	4.1W(820mA)	4104 × 2174	2pcs

Sony IMX226 12.0 MP	Basler: acA4024-29uc	31	378	3W(600mA)	4024 × 3036	2pcs
	FLIR: BFS-U3-120S4C-C	31	372	3W(600mA)	4000 × 3000	1pc
	IDS: U3-3890SE-C-HQ _{U3.1 GEN1 C}	32	384	3.6W(720mA)	4000 × 3000	1pc
	Toshiba Teli:BU1203MC	30	372	2.7W(540mA)	4072 × 3046	1pc
Sony IMX253 12.3 MP	Basler: acA4112-30uc	30	368		4096 × 3000	1pc
	FLIR: GS3-U3-123S6C-C	30	368	4.5W(900mA)	4096 × 3000	1pc
	FLIR: BFS-U3-123S6C-C	30	368	3W(600mA)	4096 × 3000	1pc
	Sentech:STC-MCS123BU3V	30.5	374		4096 × 3000	1pc
	Ximea: MC124CG-SY-UB	31	383	3.25W(650mA)	4112 × 3008	1pc
	Ximea: MC124CG-SY _{U3.1 GEN1 C}	31	383	3.25W(650mA)	4112 × 3008	1pc
	IDS: UI-3000SE-C-HQ _{U3.1 GEN1 C}	31	382	4.1W(820mA)	4104 × 3006	2pcs

Sony IMX183 20MP	FLIR: BFS-U3-200S6C-C	18	359	3W(600mA)	5472 × 3648	1pc
	IDS: U3-3800SE-C-HQ _{U3.1 GEN1 C}	19.5	398	3.6W(720mA)	5536 × 3692	1pc

by camera brands:

Alkeria

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
CMOSIS CMV2000 2.0 MP	Alkeria: C2K-M (2 x USB3)	340	757	3W(600mA)	2048 × 1088	1pc
	Alkeria: CO2K-M	170	378	3W(600mA)	2048 × 1088	1pc

CMOSIS CMV4000 4.0 MP	Alkeria: C4K-M (2 x USB3)	180	754	3W(600mA)	2048 × 2048	1pc
	Alkeria: CO4K-M	90	377	3W(600mA)	2048 × 2048	1pc

BASLER

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX273	Basler: acA1440-220uc	227	353	3.3 W(660mA)	1440 × 1080	1pc

1.6MP CMOSIS CMV2000	Basler: acA2000-165uc	165	365	3.2W(640mA)	2048 x 1086	1pc
2.0 MP						
Sony IMX174	Basler: acA1920-155uc	164	377	3.4W(680mA)	1920 x 1200	2pcs
2.3 MP						
Sony IMX252	Basler: acA2040-120uc	120	377	3.4W(680mA)	2048 x 1536	1pc
3.2 MP						
CMOSIS CMV4000	Basler: acA2040-90uc	90	375	3.2W(640mA)	2040 x 2046	1pc
4.0 MP						
Sony IMX250	Basler: acA2440-75uc	75	376	3.4W(680mA)	2448 x 2048	1pc
5.0 MP						
ON Semiconductor PYTHON 5000	Basler: acA2500-60uc	60	318	3.5W(700mA)	2590 x2048	2pcs
5.0 MP						
Sony IMX178	Basler: acA3088-57uc	59	376	3W(600mA)	3088 x 2064	2pcs
6.4 MP						
Sony IMX334	Basler: a2A3840-45ucPRO	45	373	3.4W(680mA)	3840 x 2160	1pc
8.3 MP						
Sony IMX255	Basler: acA-4096-40uc	42	372	3.8W(800mA)	4096 x 2168	1pc
8.9 MP						
Sony IMX226	Basler: acA4024-29uc	31	378	3W(600mA)	4024 x 3036	2pcs
12.0 MP						
Sony IMX253	Basler: acA4112-30uc	30	368	3W(600mA)	4096 x 3000	1pc
12.3 MP						

FLIR

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX273	FLIR: BFS-U3-16S2C-C	226	351	3W(600mA)	1440 x 1080	1pc
1.6MP						
Sony IMX174	FLIR: GS3-U3-23S6C-C	163	375	4.5W(900mA)	1920 x 1200	2pcs
2.3 MP						
Sony IMX421	FLIR: BFS-U3-28S5C-C	130	368	4.2W(840mA)	1936 x 1464	1pc
2.8 MP						
Sony IMX252	FLIR: GS3-U3-32S4C-C	121	380	4.5W(900mA)	2048 x 1536	2pcs
3.2 MP	FLIR: BFS-U3-32S4C-C	118	371	3W(600mA)	2048 x 1536	2pcs
CMOSIS CMV4000	FLIR: GS3-U3-41C6C-C	90	377	4.5W(900mA)	2048 x 2048	1pc
4.0 MP						
Sony IMX250	FLIR: GS3-U3-51S5C-C	75	376	4.5W(900mA)	2448 x 2048	3pcs

5.0 MP	FLIR: BFS-U3-51S5C-C	75	376	3W(600mA)	2448 x 2048	2pcs
Sony IMX178 6.4 MP	FLIR: BFS-U3-63S4C-C	59.6	374	3W(600mA)	3072 x 2048	1pc
Sony IMX428 7.1MP	FLIR: BFS-U3-70S7C-C	51	360	4.2W(840mA)	3208 x 2200	1pc
Sony IMX255 8.9 MP	FLIR: GS3-U3-89S6C-C	42	371	4.5W(900mA)	4096 x 2160	1pc
	FLIR: BFS-U3-89S6C-C	42	371	3W(600mA)	4096 x 2160	1pc
Sony IMX226 12.0 MP	FLIR: BFS-U3-120S4C-C	31	372	3W(600mA)	4000 x 3000	1pc
Sony IMX253 12.3 MP	FLIR: GS3-U3-123S6C-C	30	368	4.5W(900mA)	4096 x 3000	1pc
	FLIR: BFS-U3-123S6C-C	30	368	3W(600mA)	4096 x 3000	1pc
Sony IMX183 20MP	FLIR: BFS-U3-200S6C-C	18	359	3W(600mA)	5472 x 3648	1pc

IDS

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX273 1.6MP	IDS: UI-3040CP-C-HQ	243	382	3.6W(720mA)	1448 x 1086	1pc
	IDS: U3-3040CP-C-HQ	250	396	3.2W(640mA)	1456 x 1088	1pc
	IDS: UI-3040SE-C-HQ _{U3.1 GEN1 C}	243	382	3.5W(700mA)	1448 x 1086	1pc
	IDS: U3-3040SE-C-HQ _{U3.1 GEN1 C}	250	396	3.4W(680mA)	1456 x 1088	1pc
CMOSIS CMV2000 2.0 MP	IDS: UI-3360CP-C-HQ	152	344	2.9W(580mA)	2048 x 1088	1pc
Sony IMX174 2.3 MP	IDS: UI-3060CP-C-HQ	166	390	3W(600mA)	1936 x 1216	2pcs
ON Semiconductor PYTHON 2000 2.3 MP	IDS: UI-3160CP-C-HQ	169	389	4.3W(860mA)	1920 x 1200	1pc
Sony IMX252 3.2 MP	IDS: UI-3070CP-C-HQ	123	389	3.3 W(660mA)	2056 x 1542	1pc
CMOSIS CMV4000 4.0 MP	IDS: UI-3370CP-C-HQ	80	344	2.7W(540mA)	2048 x 2048	1pc
Sony IMX250 5.0 MP	IDS: UI-3080CP-C-HQ	77	388	3W(600mA)	2456 x 2054	2pcs
	IDS: UI-3080SE-C-HQ _{U3.1 GEN1 C}	77	388	3W(600mA)	2456 x 2054	1pc
ON Semiconductor PYTHON 5000 5.0 MP	UI-3180CP-C-HQ	73	387	4.3W(860mA)	2592 x2048	2pcs
Sony IMX178 6.4 MP	IDS: UI-3880CP-C-HQ	58	358	3W(600mA)	3088 x 2076	1pc
	IDS: UI-3880SE-C-HQ _{U3.1 GEN1 C}	58	358	3.2W(640mA)	3088 x 2076	1pc

Sony IMX255 8.9 MP	IDS: UI-3090SE-C-HQ _{U3.1 GEN1 C}	40	356	4.1W(820mA)	4104 x 2174	2pcs
	IDS: U3-3090SE-C-HQ _{U3.1 GEN1 C}	44	389	4.3W(860mA)	4096 x 2160	1pc
Sony IMX226 12.0 MP	IDS: U3-3890SE-C-HQ _{U3.1 GEN1 C}	32	384	3.6W(720mA)	4000 x 3000	1pc
Sony IMX253 12.3 MP	IDS: UI-3000SE-C-HQ _{U3.1 GEN1 C}	31	382	4.1W(820mA)	4104 x 3006	2pcs
Sony IMX183 20.4MP	IDS: U3-3800SE-C-HQ _{U3.1 GEN1 C}	19.5	398	3.6W(720mA)	5536 x 3692	1pc

JAI

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX174 2.3 MP	JAI: GO-2400C-USB	159	374	4.1W(820mA)	1936 x 1216	1pc
Sony IMX250 5.0 MP	JAI: GO-5100C-USB	74	374	3.9W(780mA)	2464 x 2056	1pc

Matrix Vision

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX174 2.3 MP	Matrix Vision: mvBlueFOX3-2024C	164	386	4.5W(900mA)	1936 x 1216	1pc

Sentech

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX273 1.6MP	Sentech:STC-MCS163U3V	238	370		1440 x 1080	1pc
CMOSIS CMV2000 2.0 MP	SenTech: STC-MCCM200U3V	167	372	4W(800mA)	2048 x 1088	1pc
Sony IMX174 2.3 MP	SenTech: STC-MCS241U3V	163	375	4W(800mA)	1920 x 1200	1pc
Sony IMX252 3.2 MP	SenTech: STC-MCS322U3V	121	380	4.2W(840mA)	2048 x 1536	1pc
CMOSIS CMV4000 4.0 MP	SenTech: STC-MCCM401U3V	89	373	4W(800mA)	2048 x 2048	1pc
Sony IMX250 5.0 MP	SenTech: STC-MCS510U3V	75.7	379	4.2W(840mA)	2448 x 2048	2pcs

Sony IMX255 8.9 MP	Sentech:STC-MCS891U3V	42.3	374		4096 × 2160	1pc
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Sony IMX253 12.3 MP	Sentech:STC-MCS123BU3V	30.5	374		4096 × 3000	1pc
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SVS-VISTEK

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX174 2.3 MP	SVS-VISTEK: exo174CU3	160	368	4W(800mA)	1920 x 1200	1pc

The Imaging Source

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX174 2.3 MP	The Imaging Source:DFK33UX174	162	373	1.25W(250mA)	1920 x 1200	1pc

Sony IMX252 3.2 MP	The Imaging Source: DFK33UX252	120	377	1.25W(250mA)	2048 x 1536	1pc
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Sony IMX250 5.0 MP	The Imaging Source: DFK33UX250	75	378	1.25W(250mA)	2448×2048	1pc
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Sony IMX178 6.4 MP	The Imaging Source: DFK33UX178	60	377	1.25W(250mA)	3072 × 2048	1pc
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Sony IMX178LQ	The Imaging Source: DFK37BUX178 _{U3.1G}	60	377	3.75W(750mA)	3072 × 2048	1pc
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Toshiba Teli

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
Sony IMX174 2.3 MP	Toshiba Teli: BU238MC	165	380	2.9W(580mA)	1920 x 1200	2pcs

Sony IMX252 3.2 MP	Toshiba Teli: BU302MCF	120	382	4W(800mA)	2064 x 1544	1pc
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CMOSIS CMV4000 4.0 MP	Toshiba Teli: BU406MC	90	377	2.7W(540mA)	2048 x 2048	1pc
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Sony IMX250 5.0 MP	Toshiba Teli: BU505MCF	75	379	4W(800mA)	2464 x 2056	1pc
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TELI Original 6.5 MP	Toshiba Teli: DU657MC	55	360	3.6W(720mA)	2560 x 2560	1pc
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Sony IMX226 12.0 MP	Toshiba Teli:BU1203MC	30	372	2.7W(540mA)	4072 x 3046	1pc
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Ximea

Sensor	Model	Frame Rate(fps)	Bandwidth(MB/s)	Power Consumption	Resolution	Quantity
CMOSIS CMV2000 2.0 MP	Ximea: MQ022CG-CM	170	378	1.5W(300mA)	2048 x 1088	1pc
Sony IMX174 2.3 MP	Ximea: MC023CG-SY-UB	165	388	2.4W(480mA)	1936 x 1216	1pc
	Ximea: MC023CG-SY _{U3.1 GEN1 C}	165	388	2.4W(480mA)	1936 x 1216	1pc

Sony IMX252 3.2 MP	Ximea: MC031CG-SY-UB	122	388	2.75W(550mA)	2064 x 1544	1pc
	Ximea: MC031CG-SY _{U3.1 GEN1 C}	122	388	2.75W(550mA)	2064 x 1544	1pc

CMOSIS CMV4000 4.0 MP	Ximea: MQ042CG-CM	90	377	1.5W(300mA)	2048 x 2048	1pc
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Sony IMX250 5.0 MP	Ximea: MC050CG-SY-UB	76	385	2.85W(570mA)	2464 x 2056	1pc
	Ximea: MC050CG-SY _{U3.1 GEN1 C}	76	385	2.85W(570mA)	2464 x 2056	1pc

Sony IMX255 8.9 MP	Ximea: MC089CG-SY-UB	43	384	3.25W(650mA)	4112 x 2176	1pc
	Ximea: MC089CG-SY _{U3.1 GEN1 C}	43	384	3.25W(650mA)	4112 x 2176	1pc

Sony IMX253 12.3 MP	Ximea: MC124CG-SY-UB	31	383	3.25W(650mA)	4112 x 3008	1pc
	Ximea: MC124CG-SY _{U3.1 GEN1 C}	31	383	3.25W(650mA)	4112 x 3008	1pc