

		Camera Models										
		Invenio 1MSII	Invenio 3SII	Invenio 5MSII	Invenio 5DII	Invenio 8DII	Infinity X-32	Invenio 5SIII	Invenio 10SIII	HDMI16MDPX	Invenio 2EIII	Invenio 6EIII
Functions and specifications	Senor size	½"	½"	1/ 2.5"	1/ 1.8"	1/ 1.8"	1/ 1.8"	1/ 2.5"	1/ 2.2"	1/ 2.8"	1/1.9"	1/1.8"
	Exposure time range, live (ms)	0.01-10000	0.01-2500	0.01-2500	0.01-10000	0.01-10000	0.01-10000	0.05-2000	0.38-2000	0.001-10000	0.244 - 1000000	0.244 - 1000000
	Exposure time range, snapshot (ms)				0.01-30000	0.01-30000	0.01-30000					
	Sensitivity (1-5*, 5* is best)	★★★★★	★★	★★★★	★★★★	★★★★	★★★★★	★★	★★	★★★★		
	Frame rate at max resolution	30	12	8	5	3	13	14	7	60	45	15
	Max framerate in subsampling mode	90	67	62	30	20	30	39	25		65	25
	Max resolution	1280x1040	2048x 1536	2592x 1944	2592x 1944	3264x 2448	6400x 4800	2560x 1922	3560x 2748	3264x 1840	1280x 1200	3072x 2048
	Individual test certificate											
	Sealed dust proof sensor chamber											
	HQ IR-filter											
	DeltaPix "DeltaVU" pixel shifting technology											
	Binning											
	Gain	1-16	1-16	1-16	1-8	1-8	1-8	1-16	1-16	1-20		
	Recommended applications											
	Brightfield / Darkfield	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
	DIC	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★★	★★★★★	★★★★★
	Live cell imaging	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★★	★★★★	★★★★
	Histology/Pathology/ Cytology	★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★
	Semiconductor inspection	★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
	Metrology	★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★★
	Documentation and Archiving	★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
	Moderate light fluorescence	★★★★	★★	★★★★	★★★★	★★★★	★★★★★	★★	★★	★★★★★	★★★★★	★★★★★
	Low light fluorescenc	★★★★	★	★★	★★	★★	★★★★★	★	★	★★	★★★★	★★★★
Macro Imaging	★	★★★★	★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★	★★★★	★★★★★	
GFP, FISH, NIR	★★★★★	★★	★★★★★	★★	★★	★★★★	★★	★★	★★	★★★★	★★★★★	
Luminscence	★★★★	★	★★	★★★★	★★★★	★★★★★	★	★	★★	★★★★★	★★★★★	
HD Video High Speed	★★★★★	★★	★★★★	★	★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	