Camera Models

		Infinity X-32	Invenio 5SIII	Invenio 10SIII	HDMI4KDPX	HDMI16MDPX	Invenio 2EIII	Invenio E6III
Functions and specifications	Senor size	1/ 1.8”	1/ 2.5”	1/ 2.2”	1/ 1.9”	1/ 2.8”	1/1.9”	1/1.8”
	Exposure time range, live (ms)	0.01-10000	0.05-2000	0.38-2000	0.001-10000	0.001-10000	0.244 - 1000000	0.244 - 1000000
	Exposure time range, snapshot (ms)	0.01-30000	⊘	⊘	⊘	⊘	-	-
	Sensitivity (1-5*, 5* is best)	★★★★	★★	★★	★★★	★★★	★★★★	★★★★
	Frame rate at max resolution	13	14	7	30/60	60	30	15
	Max framerate in subsampling mode	30	39	25	-	-	45	25
	Max resolution	6400 x 4800	2560 x 1922	3560 x 2748	3840 x 2160	3264x 1840	1280 x 1200	3072 x 2048
	Individual test certificate	✔	✔	✔	✔	✔	✔	✔
	Sealed dust proof sensorchamber	✔	✔	✔	✔	✔	✔	✔
	HQ IR-filter	✔	✔	✔	✔	✔	✔	✔
	DeltaPix “DeltaVU” pixel shifting technology	✔	⊘	⊘	⊘	⊘	⊘	⊘
	Binning	✔	⊘	⊘	⊘	⊘	✔	✔
	Gain	1-8	1-16	1-16	?	1-20	1-50	1-50
	Recommended applications							
	Brightfield / Darkfield	★★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★★
	DIC	★★★★★	★★★	★★★	★★★★	★★★★	★★★★	★★★★
	Live cell imaging	★★★★	★★★	★★★	★★★★	★★★★	★★★	★★★
	Histology/Pathology/ Cytology	★★★★★	★★★	★★★★	★★★★★	★★★★	★★★★	★★★★★
	Semiconductor inspection	★★★★★	★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★★
	Metrology	★★★★★	★★★★	★★★★	★★★	★★★	★★★	★★★★
	Documentation and Archiving	★★★★★	★★★★	★★★★	★★★	★★★★	★★★	★★★★★
	Moderate light fluorescence	★★★★★	★★	★★	★★★★	★★★★	★★★★	★★★★
	Low light fluorescence	★★★★	★	★	★	★★	★★★	★★★
	Macro Imaging	★★★★★	★★★	★★★	★★★	★★★	★★★	★★★★
	GFP, FISH, NIR	★★★	★★	★★	★★	★★	★★★	★★★★
	Luminescence	★★★★	★	★	★★	★★	★★★★	★★★★
	HD Video High Speed	★★★	★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★