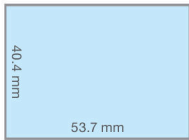
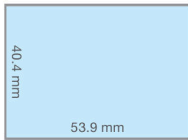

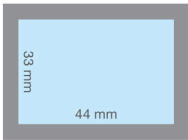


# IQ2 Series Digital Back overview



Digital Back	IQ280		IQ260		IQ260 Achromatic	IQ250
	<p>The IQ280 is the pinnacle of image quality. The highest resolution captures of any commercially available cameras. The 80 megapixel captures, dynamic range and unparalleled image quality makes it an ideal solution for a wide array of photographic disciplines.</p>		<p>The IQ260 goes beyond the norm; it's made for extraordinary captures. It can deliver long exposures of up to one hour and produce 60 megapixel captures that are virtually noise free.</p>		<p>The IQ260 Achromatic offers pure black and white images; no filters or interpolation applied. The 60 megapixel captures are stunning and pin sharp. there are endless opportunities to create very distinct imagery both for artistic and scientific purposes.</p>	<p>The IQ250 features the widest usable ISO range of any high-end camera system. Whether you are shooting at ISO 100, 6400 or anywhere in between. With this digital back you can capture unique images in available light anytime.</p>
Sensors						
Lense factor	1,0		1,0		1,0	1,3
Sensor size effective	53.7 x 40.4 mm		53.9 x 40.4 mm		53.7 x 40.3 mm	44 x 33 mm
Active pixels	10328 x 7760		8984 x 6732		8964 x 6716	8280 x 6208
Active pixels sensor+	5162 x 3878		4490 x 3364		–	–
Pixels size (micron)	Full res.	Sensor+	Full res.	Sensor+	Full res.	Full res.
	5,2 x 5,2	10,4 x 10,4	6 x 6	12 x 12	6 x 6	5.3 x 5.3
Resolution	80	20	60	15	60	50
Light sensitivity	35 - 800	140 - 3200	50 - 800	200 - 3200	200 - 3200	100 - 6400
Exposure time	1/10.000 sec. - 2 minutes		1/10.000 sec. - 1 hour		1/10.000 sec. - 2 minutes	1/10.000 sec. - 1 hour
Image quality	16bit-OptiColor+, 13 f-stops Dynamic Range				13 f.stops Dynamic Range	14 f.stops Dynamic Range
Capture time (fps)	0.7	0.9	1.0	1.4	1.0	1.2
Image buffer	1 GB Advanced high speed RAM					2 GB Adv. high speed RAM
Display	3.2" touch screen with 1.15 megapixels, 290 ppi(dpi), 16 million colors, 170° viewing angle					

\*) Maximum expected performance. The actual performance will be dependent on the camera model and on the camera and digital back capture modes. Content is subject to change without notice.