

25 Appendix

25.1 Data Rates, Recording Times and Max. FPS

Sensor Mode	Recording Resolution	Data Rate @ 24 fps (incl. audio)	Rec Time @ 24fps (hh:mm)		Max. FPS	
			1 TB	2 TB	1 TB	2 TB
4.6K 3:2 Open Gate	4.6K (4608 x 3164)	2.009 GB/h (ARRIRAW)	00:28	00:56	35 fps	75 fps
		633 GB/h (Apple ProRes 422 HQ)	01:30	03:01		
		945 GB/h (Apple ProRes 4444)	01:00	02:01	60 fps	60 fps
		1.414 GB/h (Apple ProRes 4444 XQ)	00:40	01:21		
4.6K 16:9	4.6K (4608 x 2592)	1.648 GB/h (ARRIRAW)	00:34	01:08	45 fps	75 fps
	4K (4096 x 2304)	413 GB/h (Apple 422 HQ)	02:19	04:39		
		615 GB/h (Apple 4444)	01:33	03:07	75 fps	75 fps
		918 GB/h (Apple 4444 XQ)	01:02	02:05		
4K 16:9	4K (4096 x 2304)	1.304 GB/h (ARRIRAW)	00:43	01:26	55 fps	120 fps
		413 GB/h (Apple 422 HQ)	02:19	04:39	100 fps	
		615 GB/h (Apple 4444)	01:33	03:07	100 fps	100 fps
		918 GB/h (Apple 4444 XQ)	01:02	02:05	90 fps	
	UHD (3840 x 2160)	413 GB/h (Apple 422 HQ)	02:38	05:16	120 fps	
		615 GB/h (Apple 4444)	01:46	03:32	120 fps	120 fps
		918 GB/h (Apple 4444 XQ)	01:11	02:22	105 fps	
	2K (2048 x 1152)	413 GB/h (Apple 422 HQ)	08:46	17:33		
		615 GB/h (Apple 4444)	06:00	12:01	120 fps	120 fps
		918 GB/h (Apple 4444 XQ)	04:04	08:08		
4K 2:1	4K (4096 x 2048)	413 GB/h (Apple 422 HQ)	09:53	19:47		
		615 GB/h (Apple 4444)	06:47	13:34	120 fps	120 fps
		918 GB/h (Apple 4444 XQ)	04:36	09:13		
3.8K 16:9	UHD (3840 x 2160)	1.160 GB/h (ARRIRAW)	00:48	01:37	65 fps	120 fps
		368 GB/h (Apple 422 HQ)	02:36	05:13	120 fps	
		547 GB/h (Apple 4444)	01:45	03:30	120 fps	120 fps
		817 GB/h (Apple 4444 XQ)	01:10	02:20	100 fps	
3.3K 6:5	3.3K (3328 x 2790)	1.144 GB/h (ARRIRAW)	00:49	01:38	65 fps	120 fps
		413 GB/h (Apple 422 HQ)	02:38	05:16	120 fps	
		615 GB/h (Apple 4444)	01:46	03:32	120 fps	120 fps
		918 GB/h (Apple 4444 XQ)	01:11	02:22	105 fps	
3.3K 6:5	4K 2.39:1 Ana 2x	1.283 GB/h (ARRIRAW)	00:44	01:28	55 fps	100 fps
		406 GB/h (Apple 422 HQ)	02:21	04:43		
		605 GB/h (Apple 4444)	01:35	03:10	75 fps	75 fps
		904 GB/h (Apple 4444 XQ)	01:03	02:07		
3.3K 6:5	4K 2.39:1 Ana 2x	310 GB/h (Apple 422 HQ)	03:06	06:12		
		460 GB/h (Apple 4444)	02:05	04:10	90 fps	90 fps
		686 GB/h (Apple 4444 XQ)	01:23	02:47		

Sensor Mode	Recording Resolution	Data Rate @ 24 fps (incl. audio)	Rec Time @ 24fps (hh:mm)		Max. FPS	
			1 TB	2 TB	1 TB	2 TB
3K 1:1	3K (3072 x 3072)	1.304 GB/h (ARRIRAW)	00:43	01:26	55 fps	100 fps
		413 GB/h (Apple 422 HQ)	02:19	04:39	90 fps	90 fps
		615 GB/h (Apple 4444)	01:33	03:07		
		918 GB/h (Apple 4444 XQ)	01:02	02:05		
	3.8K 2:1 Ana 2x	324 GB/h (Apple 422 HQ)	02:57	05:55	100 fps	100 fps
		482 GB/h (Apple 4444)	01:59	03:59		
		719 GB/h (Apple 4444 XQ)	01:20	02:40		
2.7K 8:9	UHD 16:9 Ana 2x	364 GB/h (Apple 422 HQ)	02:38	05:16	100 fps	100 fps
		541 GB/h (Apple 4444)	01:46	03:32		
		808 GB/h (Apple 4444 XQ)	01:11	02:22		
2K 16:9 S16	2K (2048 x 1152)	109 GB/h (Apple 422 HQ)	08:46	17:32	120 fps	120 fps
		160 GB/h (Apple 4444)	06:00	12:01		
		236 GB/h (Apple 4444 XQ)	04:04	08:08		