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MAXIMUM FRAME RATES

When the Soft or Square shutters are enabled, the maximum frame rate (fps) is limited to ensure that the camera and MOTION MOUNT capture the highest quality image without exposure issues.

NOTE: Maximum frame rates may vary slightly based on the camera firmware version.

FORMAT	WEAPON 8K S35	EPIC-W 8K S35	WEAPON DRAGON	SCARLET-W DRAGON	EPIC DRAGON	SCARLET DRAGON	EPIC M-X	SCARLET M-X
8K FF	42.17	30.46	–	–	–	–	–	–
8K 2:1	43.74	32.12	–	–	–	–	–	–
8K 2.4:1	48.94	38.07	–	–	–	–	–	–
8K 16:9	42.17	30.46	–	–	–	–	–	–
7K FF	46.06	34.81	–	–	–	–	–	–
7K 2:1	47.7	36.71	–	–	–	–	–	–
7K 2.4:1	53.09	43.51	–	–	–	–	–	–
7K 16:9	46.06	34.81	–	–	–	–	–	–
6K FF	51.03	51.03	51.92	–	51.92	12.08 ¹	–	–
6K 2:1	52.75	52.75	52.79	–	52.79	–	–	–
6K 2.4:1	58.37	58.37	58.42	–	58.42	–	–	–
6K 16:9	51.03	51.03	52.16	–	52.16	12.08 ¹	–	–
5K FF	56.9	56.9	56.95	50.85	56.95	48.73	56.71	12.00
5K 2:1	58.68	58.68	58.73	53.63	58.73	51.40	58.42	12.00
5K 2.4:1	64.49	64.49	64.49	63.56	64.49	60.92	64.61	12.00
5K 16:9	56.9	56.9	56.95	50.85	56.95	48.73	56.71	12.00
4K FF	64.61	64.61	64.68	64.68	64.68	60.92	64.61	30.00
4K 2:1	66.44	66.44	66.51	66.51	66.51	64.25	–	–

FORMAT	WEAPON 8K S35	EPIC-W 8K S35	WEAPON DRAGON	SCARLET-W DRAGON	EPIC DRAGON	SCARLET DRAGON	EPIC M-X	SCARLET M-X
4K 2.4:1	72.28	72.28	72.36	72.36	72.36	72.36	72.68	36.00
4K 16:9	64.61	64.61	64.68	64.68	64.68	60.92	64.61	30.00
3K FF	74.41	74.41	74.49	74.49	74.49	74.49	74.32	48.00
3K 2:1	76.22	76.22	76.30	76.30	76.30	76.30	-	-
3K 2.4:1	82.01	82.01	82.01	82.01	82.01	81.01	82.11	60.00
3K 16:9	74.41	74.41	74.49	74.49	74.49	74.49	74.32	48.00
2K FF	88.05	88.05	88.05	88.05	88.05	88.05	87.93	60.00
2K 2:1	89.61	89.61	89.73	89.73	89.73	89.73	-	-
2K 2.4:1	95.05	95.05	95.05	95.05	95.05	95.05	95.11	75.00
2K 16:9	88.05	88.05	88.05	88.05	88.05	88.05	87.93	60.00

1. This resolution is available in REDCODE Burst mode only.

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