

C70 NORMAL BIT RATES

ALL 4:2:2 10-BIT SUPER-35 4K / 12-BIT IN RAW

CODEC	FRAME RATE	MBIT/s	MBYTE/s	GB/HOUR	CARD
RAW ST	23.98, 24.00	398	49.8	180	v60
RAW ST	29.97	497	62.1	224	v90
RAW LT	23.98, 24.00	259	32.4	117	v60
RAW LT	29.97	323	40.4	146	v60
RAW LT	59.94	645	80.6	291	v90
XF-AVC ALL-INTRA	<30 FPS	410	51.2	185	v60
XF-AVC LONG GOP	<30 FPS	160	20.0	72	v30*
XF-AVC LONG GOP	>30 FPS	260	32.5	117	v60
MP4 / H.265	<30 FPS	135	16.9	61	v30*
MP4 / H.265	>30 FPS	225	28.1	101	v30*

MUD LAKE FILMS

Full C70 Review at <https://moonblink.info/MudLake/gear#C70>

C70 SLO-MoBIT RATES: 59.94

ALL 4:2:2 10-BIT SUPER-35 4K

CODEC	FRAME RATE		SLOW FACTOR	PLAY Mb/s	-- RECORD --		
	Target	Shoot			Mb/s	MB/s	Card
XF-AVC INTRA	23.98	30	1.25	410	512	64	v90
XF-AVC GOP	23.98	30	1.25	160	200	25	v30*
	23.98	60	2.5	160	400	50	v60*
	23.98	120	5.0	108	540	68	v90
MP4 / H.265	23.98	30	1.25	135	169	21	v30*
	23.98	60	2.5	135	338	42	v60*
	23.98	120	5.0	108	540	68	v90

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C70 RECORDING FORMATS

FORMAT	CHROMA	DEPTH	CODEC
RAW ST	RAW	12-BIT	CRM: ~6.4:1
RAW LT	RAW	12-BIT	CRM: ~9.8:1
XF-AVC	4:2:2	10-BIT	AVC / H.264
MP4 HEVC	4:2:2	10-BIT	HEVC / H.265
MP4 HEVC	4:2:0	10-BIT	HEVC / H.265
MP4 H.264	4:2:0	8-BIT	AVC / H.264

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