

# RECORDING formats

## VENICE 2

Greater. Creative. Flexibility.

The VENICE 2 builds upon the strength of the original VENICE with new features including a compact design, internal recording and a newly developed full-frame 8.6K sensor. The new sensor boasts a Dual Base ISO of 800 and 3200 for ultra low-light capability, 16 stops of dynamic range and filmic skintones. The VENICE 2 also inherits popular features from the original VENICE including color science and 8-stops of built-in ND filters.

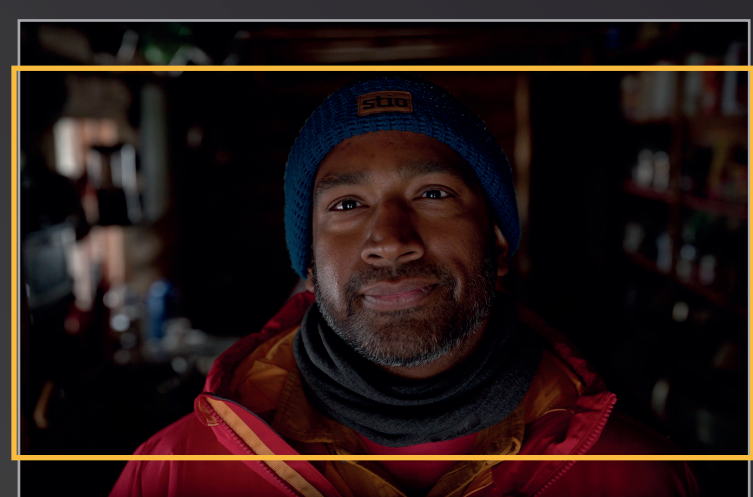


### 8.6K 3:2 Full Frame



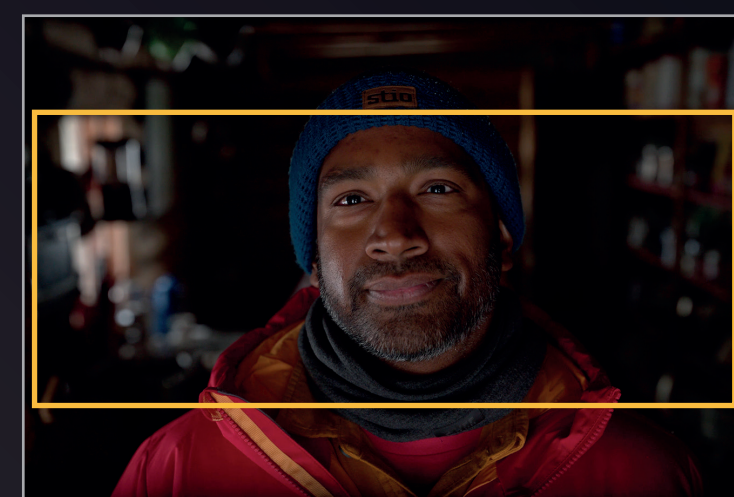
<b>Photosites</b> 8640 x 5760	<b>Codecs</b>
<b>Dimensions</b> 35.9 x 24.0 mm 1.413 x 0.944 Inch	<b>X-OCN</b> 30 fps 8640 x 5760
<b>Image Circle</b> 43.20 mm 1.700 Inch	<b>Apple ProRes</b> 30 fps 4096 x 2160 3840 x 2160 <small>(w/Anamorphic De-Squeeze)</small>

### 8.6K 17:9 Full Frame



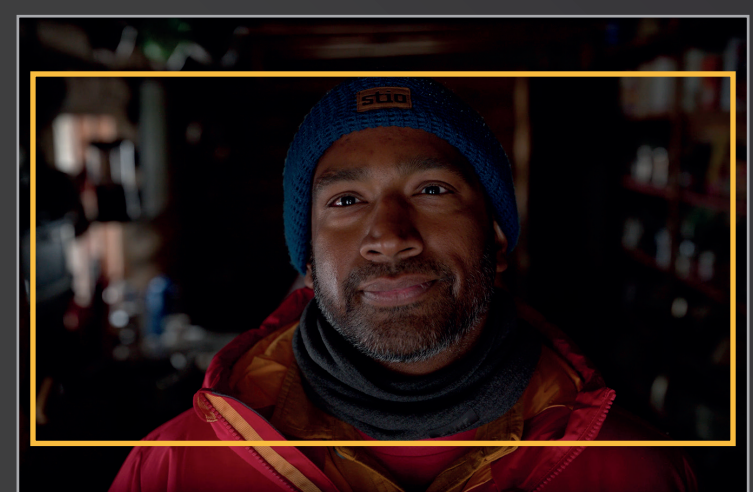
<b>Photosites</b> 8640 x 4556	<b>Codecs</b>
<b>Dimensions</b> 35.9 x 19.0 mm 1.413 x 0.748 Inch	<b>X-OCN</b> 48 fps 8640 x 4556
<b>Image Circle</b> 40.63 mm 1.599 Inch	<b>Apple ProRes</b> 48 fps 4096 x 2160

### 8.2K 2.39:1 Full Frame



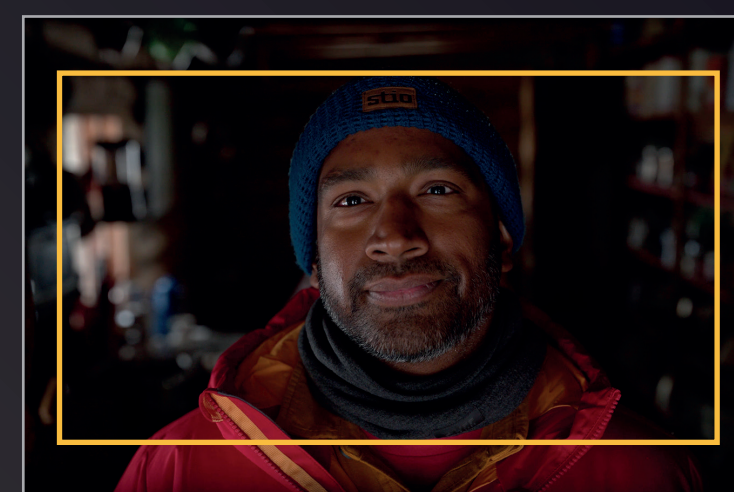
<b>Photosites</b> 8192 x 3432	<b>Codecs</b>
<b>Dimensions</b> 34.1 x 14.3 mm 1.342 x 0.563 Inch	<b>X-OCN</b> 72 fps 8192 x 3432
<b>Image Circle</b> 36.95 mm 1.454 Inch	<b>Apple ProRes</b> 72 fps 4096 x 2160

### 8.2K 17:9 Full Frame



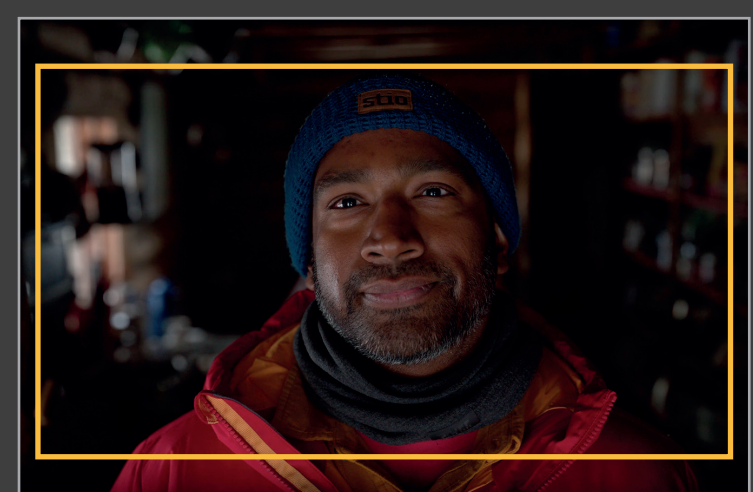
<b>Photosites</b> 8192 x 4320	<b>Codecs</b>
<b>Dimensions</b> 34.1 x 18.0 mm 34.1 x 0.708 Inch	<b>X-OCN</b> 60 fps 8192 x 4320
<b>Image Circle</b> 38.53 mm 1.516 Inch	<b>Apple ProRes</b> 60 fps 4096 x 2160

### 7.6K 16:9 Full Frame



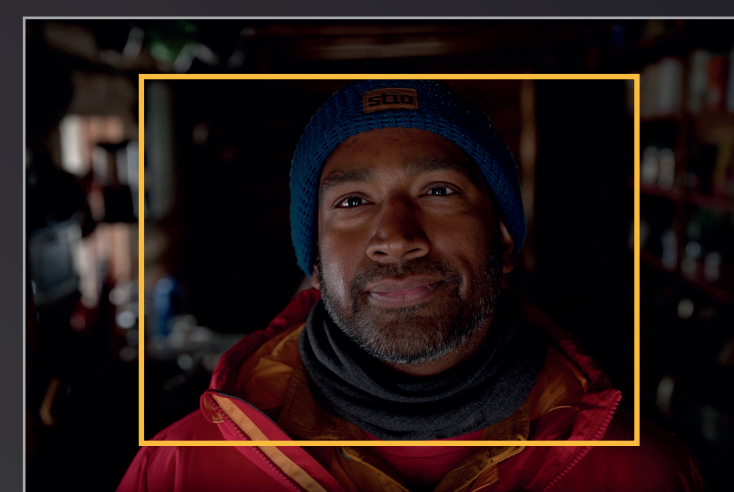
<b>Photosites</b> 7680 x 4320	<b>Codecs</b>
<b>Dimensions</b> 31.9 x 18.0 mm 1.259 x 0.708 Inch	<b>X-OCN</b> 60 fps 7680 x 4320
<b>Image Circle</b> 36.66 mm 1.443 Inch	<b>Apple ProRes</b> 60 fps 3840 x 2160

### 8.1K 16:9 Full Frame



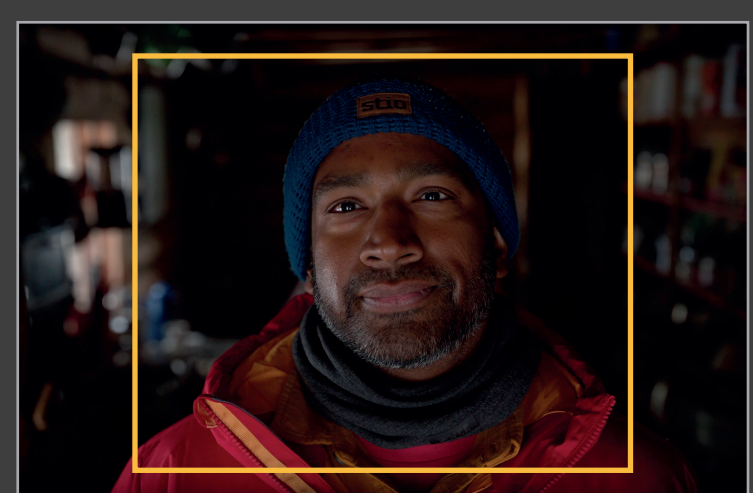
<b>Photosites</b> 8100 x 4556	<b>Codecs</b>
<b>Dimensions</b> 33.7 x 19.0 mm 1.330 x 0.748 Inch	<b>X-OCN</b> 48 fps 8100 x 4556
<b>Image Circle</b> 38.66 mm 1.522 Inch	<b>Apple ProRes</b> 48 fps 3840 x 2160

### 5.8K 4:3 Super 35



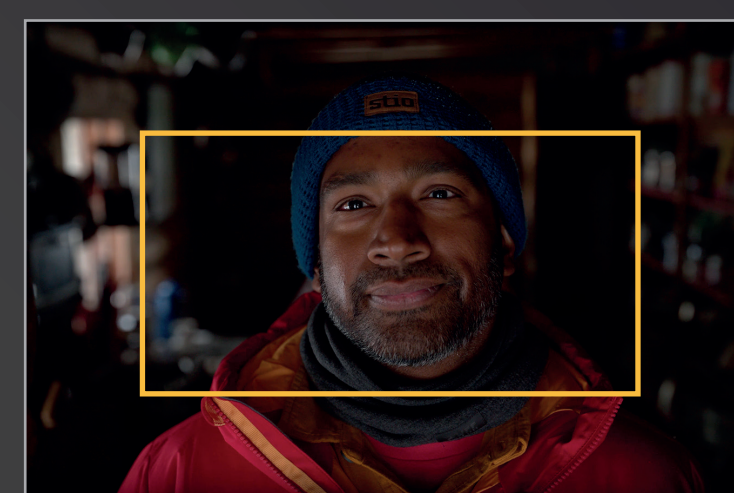
<b>Photosites</b> 5792 x 4276	<b>Codecs</b>
<b>Dimensions</b> 24.1 x 17.8 mm 0.948 x 0.700 Inch	<b>X-OCN</b> 60 fps 5792 x 4276
<b>Image Circle</b> 29.95 mm 1.179 Inch	<b>Apple ProRes</b> 60 fps 4096 x 2160 <small>(w/Anamorphic De-Squeeze)</small>

### 5.8K 6:5 Super 35



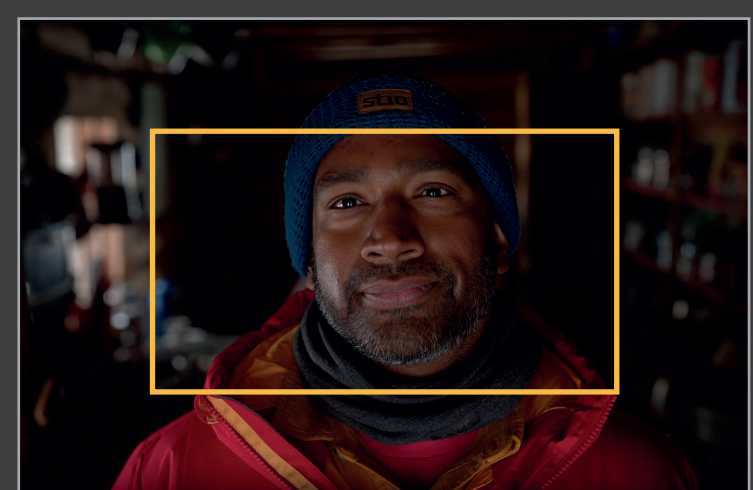
<b>Photosites</b> 5792 x 4854	<b>Codecs</b>
<b>Dimensions</b> 24.1 x 20.2 mm 0.948 x 0.795 Inch	<b>X-OCN</b> 48 fps 5792 x 4854
<b>Image Circle</b> 31.44 mm 1.237 Inch	<b>Apple ProRes</b> 48 fps 4096 x 2160 <small>(w/Anamorphic De-Squeeze)</small>

### 5.8K 17:9 Super 35



<b>Photosites</b> 5792 x 3056	<b>Codecs</b>
<b>Dimensions</b> 24.1 x 12.7 mm 0.948 x 0.5 Inch	<b>X-OCN</b> 90 fps 5792 x 3056
<b>Image Circle</b> 27.24 mm 1.072 Inch	<b>Apple ProRes</b> 75 fps 4096 x 2160

### 5.4K 16:9 Super 35



<b>Photosites</b> 5434 x 3056	<b>Codecs</b>
<b>Dimensions</b> 22.6 x 12.7 mm 0.889 x 0.5 Inch	<b>X-OCN</b> 90 fps 5434 x 3056
<b>Image Circle</b> 25.94 mm 1.021 Inch	<b>Apple ProRes</b> 75 fps 3840 x 2160

### 5.5K 2.39:1 Super 35



<b>Photosites</b> 5480 x 2296	<b>Codecs</b>
<b>Dimensions</b> 22.8 x 9.6 mm 0.948 x 0.5 Inch	<b>X-OCN</b> 120 fps 5480 x 2296
<b>Image Circle</b> 24.72 mm 0.973 Inch	<b>Apple ProRes</b> 75 fps 4096 x 2160

# VENICE 2 8K Record Time and Codec/Frame Rate comparison

**AXS 512GB S48 (black media)**

**VS**

**AXS 1TB S66 (white media)**

RESOLUTION	FRAME RATE	AXS 512GB S48 RECORD TIME mins			AXS 1TB S66 RECORD TIME mins		
		X-OCN XT	X-OCN ST	X-OCN LT	X-OCN XT	X-OCN ST	X-OCN LT
8.6K 3:2	23.98	12	17	29	23	34	58
	24	12	17	29	23	34	58
	25	11	16	28	22	33	56
	29.97	Requires S66	14	23	19	27	46
8.6K 17:9	23.98	14	21	36	29	43	73
	24	14	21	36	29	43	73
	25	14	20	35	28	41	70
	29.97	Requires S66	17	29	23	34	58
	47.95		Requires S66	18		21	36
8.2K 17:9	23.98	16	23	40	32	47	80
	24	16	23	40	32	47	80
	25	15	22	38	31	45	77
	29.97	13	19	32	26	38	64
	47.95		Requires S66	20		24	40
	50		Requires S66	19		23	38
59.94		Requires S66	16		19	32	
8.1K 16:9	23.98	14	21	36	29	43	73
	24	14	21	36	29	43	73
	25	14	20	35	28	41	70
	29.97	Requires S66	17	29	23	34	58
	48 (Variable-FPS)		Requires S66	29		21	36
7.6K 16:9	23.98	16	23	40	32	47	80
	24	16	23	40	32	47	80
	25	15	22	38	31	45	77
	29.97	13	19	32	26	38	64
	50		Requires S66	19		23	38
59.94		Requires S66	16		19	32	
5.8K 6:5	23.98	20	30	51	41	60	102
	24	20	30	51	41	60	102
	25	20	29	49	39	58	98
	29.97	16	24	41	33	48	81
	47.95	Requires S66	15	25	21	30	51
5.8K 4:3	23.98	23	34	57	46	68	115
	24	23	34	57	46	68	115
	25	22	32	55	44	65	110
	29.97	18	27	46	37	54	92
	47.95	Requires S66	17	29	23	34	57
	50	Requires S66	16	27	22	32	55
59.94	Requires S66	13	23	18	27	46	
5.8K 17:9	23.98	32	47	80	65	95	161
	24	32	47	80	65	95	161
	25	31	45	77	62	91	155
	29.97	26	38	64	52	76	129
	47.95	16	24	40	32	47	81
	50	16	23	38	31	46	77
	59.94	13	19	32	26	38	64
	75 (Variable-FPS)	10	15	26	21	30	52
	90 (Variable-FPS)		Requires S66	21		25	43
5.5K 2.39:1	23.98	43	62	105	86	125	212
	24	43	62	105	86	125	212
	25	41	60	101	82	120	203
	29.97	34	50	84	69	100	170
	47.95	21	31	53	43	62	106
	50	20	30	51	41	60	102
	59.94	17	25	42	34	50	85
	72 (Variable-FPS)	14	21	35	28	41	70
	96 (Variable-FPS)	Requires S66	15	26	21	31	53
	110 (Variable-FPS)	Requires S66	13	23	18	27	46
	120 (Variable-FPS)	Requires S66	Requires S66	21		25	42
5.4K 16:9	23.98	32	47	80	65	95	161
	24	32	47	80	65	95	161
	25	31	45	77	62	91	155
	29.97	26	38	64	52	76	129
	47.95	16	24	40	32	47	81
	50	16	23	38	31	46	77
	59.94	13	19	32	26	38	64
	75 (Variable-FPS)	10	15	26	21	30	52
	90 (Variable-FPS)		Requires S66	21		25	43