



















LVR's 2018 Cine Camera Data Chart

	 ARRI ALEXA LF	 ARRI ALEXA SXT	 ARRI ALEXA MINI	 ARRI ALEXA AMIRA	 SONY VENICE	 SONY F55	 SONY FS7 II	 CANON EOS C300 MARK II
Sensor Size	CMOS 44.7mm Ø 36.7 x 25.5mm	CMOS 33.6mm Ø 28.3 x 18.2mm	CMOS 33.6mm Ø 28.3 x 18.2mm	CMOS 27.2 mm Ø 23.8 x 13.4mm	CMOS 43.5mm Ø 36.2 x 24.1mm	CMOS 27.1mm Ø 24 x 12.7mm	CMOS 27.1 mm Ø 23.5 x 13.7mm	CMOS 29.8 mm Ø 26.4 x 13.8mm
Frame Rates	ARRIRAW LFOG LF16:9 LF2.39 .75-90 .75-90 .75-150 ProRes LFOG LF16:9 LF2.39 .75-60 .75-60 .75-100	.75-90fps OG .75-96fps 4:3 .75-96fps 6:5 .75-120fps 16:19 No Mirror .75-60fps All with Mirror	OG-.75-30 ARRIRAW 16:9 .75-48fps 4:3 ProRes .75-50 16:9 .75-200 6:5 ProRes .75-150 8:9 ProRes .75-150	.75-60fps - UHD .75-48fps - ARRIRAW .75-200fps - ProRes	6K 3:2 1.85 2.39 24 30 30 4K 6:5 4:3 17:9 30 48 60	1-120fps @4K 1-180fps @2K 1-180fps @HD 1-240fps @2K Raw	1-60fps @4K 1-180fps @HD	1-120fps @ 2K/HD 1-30fps @ 4K/UHD
ISO	800 Base	800 Base	800 Base	800 Base	Dual 500 & 2500 Base	1250 Base	2000 Base	800 Base
Resolution (Pixels)	ARRIRAW & ProRes LFOG - 4448x3096 LF16:9 - 3840x2160 LF2:39 - 4448x1856 ProRes Only LF16:9 2K 2048x1152 LF16:9 HD 1920x1080	OG 3424x2202 4:3 2880x2160 16:9 3168x1782	OG 3424x2022 4:3 2880x2160 UHD 16:9 3840x2160 16:9 2048x1152 16:9 1920x1080	3840x2160 3200x1800 2048x1152 1920x1080	FF 6048x4032 6K 17:9 6054x3192 4K 6:5 4096x3432 4K 4:3 4096x3432 4K 4096x2160 UHD 3840x2160 HD 1920x1080	4K 4096x2160 UHD 3840x2160 2K 2048x1080 HD 1920x1080	4K 4096x2160 UHD 3840x2160 HD 1920x1080	4096x2160 3840x2160 2048x1080 1920x1080
Dynamic Range	14+ Stops	14+ Stops	14+ Stops	14+ Stops	15+ Stops	14 Stops	14 Stops	15 Stops
Format and Run Time by Bit Rate	12 Bit Log ARRIRAW: LFOG 2TB SXR CD: 64min LF16:9 2TB SXR CD: 107min LF2.39 2TB SXR CD: 108min 12 Big Log C ProRes 4444: LFOG/2TB SXR CD: 64min LF16:9/2TB SXR CD: 107min LF2.39/2TB SXR CD: 108min	12 Bit ARRIRAW: OG 512GB XR CD: 29min 4:3 512GB XR CD: 39min 16:9 512GB XR CD: 47min OG 2TB SXR CD: 117min 4:3 2TB SXR CD: 142min 16:9 2TB SXR CD: 157min	12 Bit ARRIRAW: ProRes4444XQ UHD 512GB CFAST: 38min Records Classic Alexa Formats	12 Bit ARRIRAW: 512GB CFAST: 50min ProRes 4:4:4 XQ UHD 512GB CFAST: 38min	16 Bit XOCN ST 1TB AXS SSD: 60min	16 Bit 512GB AXSM 4K Raw: 60min 4K-X-OCNST: 84min XAVC 10 Bit 4:2:2 4K 2K HD	10 Bit 4:2:2 XAVC-I HD, UHD XQD 128GB: 55min ProRes 4:2:2 HQ XQD 128GB: 74min	12/10 Bit RGB XF-AVC-Intra 4:4:4 128GB CFAST: 75min 10 Bit YCC 4:2:2 XF-AVC Intra 128GB CFAST: 40min
Data (per minute)	ARRIRAW: LFOG 30GB LF16:9 18.2GB LF2.39 18.1GB ProRes: LFOG 15.4GB LF16:9 9.2GB LF2.39 9.1GB	OG 16.6GB 4:3 13.7GB 16:9 12.5GB	ARRIRAW 16.6GB ProRes 8.7GB	2.8K RAW 10GB ProRes UHD 13.4GB	14GB 6K 3:2 5GB 4K 17:9	7.1GB 4K RAW 2.3GB 4K XAVC	2.3GB 4K XAVC	2K 1.7GB 4K 3.1GB
Weight in lbs (Body Only)	17.2	14.3	5	9.2	8.5	4.9	4.5	4.4
Power Consumption	135W - RAW 120W - ProRes	90W	45W	50W	60w	25w	19W	21.2W
Netflix Approved	✓	✗	✗	✗	✓	✓	✓	✓
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