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CINEMA EOS CAMERAS

EOS C700 FF
EOS C700 FF PL

5.9K

Canon's new EOS C700 FF top-end digital cinema camera features a full-frame 5.9K CMOS sensor designed to meet an extensive range of production needs. The sensor provides higher resolution and produces footage with shallower depth of field than Canon cameras with Super 35mm sized sensors, giving filmmakers a variety of creative options. Capable of ProRes and XF-AVC internal recording up to 4K to CFast™ cards, the camera can also record 5.9K RAW up to 60 frames per second with the optional Codex CDX-36150 Recorder. The camera uses the full 5.9K of the sensor to create oversampled 4K, resulting in improved video quality. Available in EF and PL mount versions, the EF mount camera includes Canon's Dual Pixel CMOS AF technology.



EOS C700
EOS C700 PL
EOS C700 GS PL

4.5K 4.2K
(GS PL model)



The EOS C700 Digital Cinema Camera incorporates what Canon has learned through professional feedback since the original Cinema EOS C300 was announced. Designed for a wide range of shooting scenarios, the EOS C700 features both internal 4K ProRes and XF-AVC recording, and can record uncompressed RAW up to 120 frames per second with the optional 4K Codex CDX-36150 recorder. The EF and PL mount versions of the camera feature pixel resolution up to 4.5K and a dynamic range of 15 stops, while the EOS C700 GS PL features 14 stops of dynamic range, up to 4.2K resolution and a global shutter.

EOS C300 Mark II
EOS C300 Mark II PL

4K 2K HD



The EOS C300 Mark II Digital Cinema Camera is a 2nd generation Cinema EOS 4K camera system with powerful features including 4K/2K/Full HD internal and external recording (including 4K RAW output), a 10-bit Canon Log 2 Gamma and an 8.85 Megapixel Canon Super 35mm 16:9 CMOS image sensor. It helps deliver creative flexibility to professional studio applications, independent productions and more.

EOS C200
EOS C200B

4K UHD
2K HD



The EOS C200 and EOS C200B Digital Cinema Cameras bring high-quality digital imaging at an affordable price for applications from film to newsgathering. They can capture 4K RAW to a CFast™ Card* in our storage-friendly Cinema RAW Light format and provide a multitude of features, with the EOS C200 including a built-in electronic viewfinder and numerous accessories.

* Only CFast™ 2.0 with VPG-130 is supported.

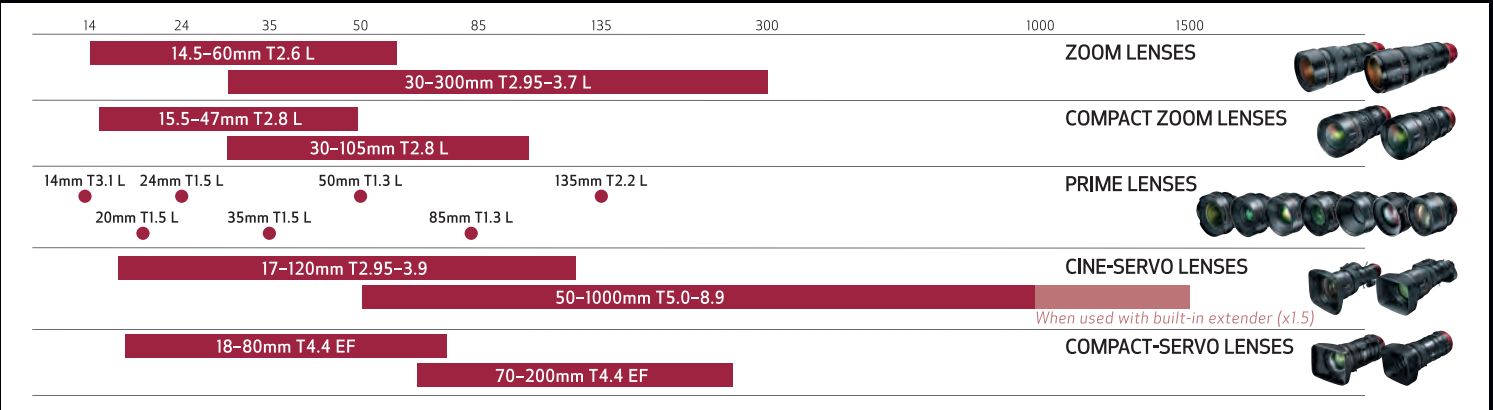
EOS C100 Mark II

HD



Featuring Canon's innovative Dual Pixel CMOS AF technology, the EOS C100 Mark II Digital HD camera provides advanced image processing for enhanced color resolution. Improved ergonomics and a tiltable electronic viewfinder help provide for a comfortable handling experience. It can record a variety of frame rates and codecs, including 1080/60p and MP4 files, offering vast potential to independent production companies, documentary filmmakers and event videographers.

CINEMA LENS FOCAL LENGTH



CINEMA EOS CAMERA
COMPARISON CHART



CINEMA EOS

CINEMA EOS CAMERAS COMPARISON SPECIFICATIONS

		EOS C700 FF	EOS C700 FF PL	EOS C700	EOS C700 PL	EOS C700 PL GS	EOS C300 Mark II	EOS C300 Mark II PL	EOS C200	EOS C200B	EOS C100 Mark II	
Image Sensing Device	Sensor	Full-frame / Super 35mm (Crop) / Super 16mm (Crop) CMOS Sensor with DAF Technology	Full-frame / Super 35mm (Crop) / Super 16mm (Crop) CMOS Sensor	Super 35mm CMOS Sensor with DAF Technology	Super 35mm CMOS Sensor	Super 35mm CMOS Sensor with Global Shutter	Super 35mm CMOS Sensor with DAF Technology	Super 35mm CMOS Sensor	Super 35mm CMOS Sensor with DAF Technology		Super 35mm CMOS Sensor with DAF Technology	
	Total Pixels	20.8 Megapixels (6062 x 3432)			11.54 Megapixels (4622 x 2496)		10.92 Megapixels (4374 x 2496)		9.84 Megapixels (4206 x 2340)		9.84 Megapixels (4206 x 2340)	
	Effective Pixels	18.69 Megapixels (5952 x 3140): 4K/2K DCI Recording 17.52 Megapixels (5580 x 3140): UHD/FHD Recording			8.85 Megapixels (4096 x 2160): 4K/2K DCI Recording 8.29 Megapixels (3840 x 2160): UHD/FHD Recording 10.72 Megapixels (4512 x 2376): RAW Recording		10.92 Megapixels (4374 x 2496)		8.85 Megapixels (4096 x 2160): 4K/2K DCI Recording 8.29 Megapixels (3840 x 2160): UHD/FHD Recording		8.29 Megapixels (3840 x 2160): FHD Recording	
Lens Mount		EF-mount (cinema lock type)	PL-mount	EF-mount (cinema lock type)	PL-mount		EF-mount	PL-mount	EF-mount		EF-mount	
Image Processing Platform		Triple DIGIC DV 5			Triple DIGIC DV 5		Dual DIGIC DV 5		Dual DIGIC DV 6		DIGIC DV 4	
Exposure	Exposure Mode	Manual exposure (Based on shutter setting, iris setting, ISO/gain setting and ND filter setting) Push auto iris control, auto iris control (Light metering system selection/AE shift possible)			Manual exposure (Based on shutter setting iris setting, ISO/gain setting, and ND filter setting)		Manual exposure (Based on shutter setting, iris setting, ISO/gain setting and ND filter setting) Push auto iris control, auto iris control (Light metering system selection/AE shift possible)		Manual exposure (Based on shutter setting, iris setting, ISO/ gain setting and ND filter setting) Push auto iris control, auto iris control (Light metering system selection/AE shift possible)		Manual exposure Push auto iris control, auto iris control (STM lenses)	
	Shutter Setting	Speed, Angle, Clear Scan, Slow or Off mode. Either 1/3 or 1/4 steps selected as speed increment			Speed, Angle, Clear Scan, Slow or Off mode. Either 1/3 or 1/4 steps selected as speed increment		Speed, Angle, Clear Scan, Slow or Off mode selected. Either 1/3 or 1/4 steps selected as speed increment		Speed, Angle, Clear Scan, Slow or Off mode selected. Either 1/3 or 1/4 steps selected as speed increment		Speed, Angle, Clear Scan, Slow or Off mode selected. Either 1/3 or 1/4 steps selected as speed increment	
	Iris Setting	1/2-stop, 1/3-stop or fine setting selected: Push auto iris control, Auto iris control*			1/2-stop, 1/3-stop or fine setting selected: Push auto iris control, Auto iris control*		1/2-stop, 1/3-stop or fine setting selected: Push auto iris control, Auto iris control*		1/2-stop, 1/3-stop or fine setting: Push auto iris control, Auto iris control*		1.0 – 91 in 1/2 or 1/3 stop increments: EF/EF-S lenses only. Continuous manual: Canon Cinema lenses	
	ISO	1 step, 1/3 step settings: 100** – 160 – 25600 – 102400**			1 step, 1/3 step settings: 100** – 160 – 25600 – 102400**		1 step, 1/3 step settings: 100** – 160 – 25600 – 102400** 400** – 640 – 25600 – 102400**		1 step, 1/3 step settings: 100** – 160 – 25600 – 102400**		1-step, 1/3 step settings: 320 – 102400**	
	Internal ND Filter	5 density settings (2, 4, 6, 8°, 10° stops)			5 density settings (2, 4, 6, 8°, 10° stops)		5 density settings (2, 4, 6, 8°, 10° stops)		5 density settings (2, 4, 6, 8°, 10° stops)		3 density settings (2, 4, 6 stops)	
Focus Control/Assist ⁰⁰		Dual Pixel CMOS AF (DAF) supported, Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF, Focus Guide	Manual Focus	Dual Pixel CMOS AF (DAF) supported, Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF, Focus Guide	Manual Focus		Dual Pixel CMOS AF (DAF) supported, Manual focus, One-shot AF, Continuous AF, AF-Boosted MF, Face Detection AF	Manual Focus	Dual Pixel CMOS AF (DAF) supported, Manual focus, One-shot AF, Continuous AF, AF-Boosted MF, Face Detection AF, Focus Guide		Dual Pixel CMOS AF (DAF) supported (screen center), TTL-Video Signal Sensing System (contrast detection system) when Face AF is selected	
LCD Monitor		Control Display: 3.0-inch LCD, Approx. 1.04 million dots			Control Display: 3.0-inch LCD, Approx. 1.04 million dots		4.0-inch wide-screen LCD with 16:9 aspect ratio, Approx. 1.23 million dots, 100% field of view coverage		LM-V1 LCD Monitor (Included) 4.0-inch LCD with 16:9 aspect ratio, Approx. 1.23 million dots	LM-V1 LCD Monitor (Sold Separately) 4.0-inch LCD with 16:9 aspect ratio, Approx. 1.23 million dots	3.5-inch OLED, Approx. 1.23 million dots	
Viewfinder		0.7-inch OLED, Approx. 2.07 million dots, optional OLED Electronic Viewfinder (EVF-V70) sold separately			0.7-inch OLED, Approx. 2.07 million dots, optional OLED Electronic Viewfinder (EVF-V70) sold separately		0.46-inch OLED with a widescreen 16:9 aspect ratio, Approx. 1.17 million dots, 100% field of view ratio		0.46-inch OLED, Approx. 1.77 million dots, 100% field of view ratio	–	0.45-inch LCD, Approx. 1.23 million dots	
White Balance		Kelvin setting (setting range: 2000K to 15000K / -20CC to +20CC), AWB, Daylight, Tungsten, Set A, Set B			Kelvin setting (setting range: 2000K to 15000K / -20CC to +20CC), AWB, Daylight, Tungsten, Set A, Set B		Kelvin setting (setting range: 2000K to 15000K), AWB, Daylight, Tungsten, Set A, Set B		Kelvin setting (setting range: 2000K to 15000K / -20CC to +20CC), AWB, Daylight, Tungsten, Set A, Set B		Kelvin setting (5,500K default), AWB, Daylight, Tungsten, Set A, Set B	
System Frequency Selection	Frame Rate	59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P, 24.00 Hz mode: 24.00P			59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P, 24.00 Hz mode: 24.00P		59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P, 24.00 Hz mode 24.00P		59.94 Hz mode: 59.94P/29.97P/23.98P, 24.00 Hz mode: 24.00P		AVCHD: 59.94 Hz Mode: 59.94P/ 59.94i/PF29.97/23.98P, MP4: 59.94 Hz Mode: 59.94P/29.97P/23.98P	
Recording Media	CFast™ Card	2 slots: Recording of movie (XF-AVC/ProRes), custom pictures, metadata			2 slots: Recording of movie (XF-AVC/ProRes), custom pictures, metadata		2 slots: Recording of movie (XF-AVC), custom pictures, metadata		1 slot: Recording of movies (RAW)		–	
	SD Card	Recording of movie (XF-AVC (proxy)), photos (JPEG), custom pictures, metadata, menus and other data			Recording of movie (XF-AVC (proxy)), photos (JPEG), custom pictures, metadata, menus and other data		Recording of movie (XF-AVC (proxy)), photos (JPEG), custom pictures, metadata, menus and other data		2 slots: Recording of movies (MP4), photos (JPEG), custom pictures, menus and other data		2 slots: Recording of movie (AVCHD/ MP4), photos (JPEG), custom picture, menu and other data	
	External Recorder	Recording of video (RAW (Available with Codex Recorder Attached)/ProRes)			Recording of video (RAW (Available with Codex Recorder Attached)/ProRes)		Recording of video (RAW)		–		–	
File Formats		MXF, ProRes, Cinema RAW			MXF, ProRes, Cinema RAW		MXF, Cinema RAW		Cinema RAW Light, MP4		AVCHD, MP4	
Codec	Video	XF-AVC: MPEG-4 AVC/H.264, ProRes: Apple ProRes Codec, RAW: Uncompressed			XF-AVC: MPEG-4 AVC/H.264, ProRes: Apple ProRes Codec, RAW: Uncompressed		XF-AVC: MPEG-4 AVC/H.264, RAW: Uncompressed		RAW: Cinema RAW Light, MP4: MPEG-4 AVC/H.264		AVCHD: MPEG-4 AVC/H.264, MP4: MPEG-4 AVC/H.264	
	Audio	Linear PCM (24 bit - 48kHz - 4 channels)			Linear PCM (24 bit - 48kHz - 4 channels)		Linear PCM (16 bit/24 bit - 48 kHz - 4 channels)		RAW: Linear PCM (16 bit - 48 kHz - 4 channels) MP4: MPEG-4 AAC-LC (16 bit - 48 kHz - 2 channels), Linear PCM (16 bit - 48 kHz - 4 channels)		AVCHD: Linear PCM (16 bits - 48 kHz - 2 channels), MP4: MPEG-4 AAC-LC (16 bit - 48kHz - 2 channels)	
Video Formats		XF-AVC: Resolution / Color Sampling: 4096 x 2160 YCC422 10 bit, 3840 x 2160 YCC422 10 bit, 2048 x 1080 YCC422 10 bit/1920 x 1080 YCC422 10 bit, 2048 x 1080 RGB444 12 bit, 1920 x 1080 RGB444 12 bit, 2048 x 1080 RGB444 10 bit, 1920 x 1080 RGB444 10 bit Bit Rate: 810/440/410/310/225/210/170/160/90 Mbps Intra-frame, 50 Mbps Long GOP ProRes: Resolution / Color Sampling: 4096 x 2160 YCC422 10 bit, 3840 x 2160 YCC422 10 bit, 2048 x 1080 YCC422 10 bit, 1920 x 1080 YCC422 10 bit, 2048 x 1080 RGB444 12 bit, 1920 x 1080 RGB444 12 bit Bit Rate: ProRes 4444 XQ/ProRes 4444/ProRes 422 HQ/ProRes 422 XF-AVC (Proxy) Resolution / Color Sampling: 2048 x 1080 YCC420 8 bit, 1920 x 1080 YCC420 8 bit Bit Rate: 24/35 Mbps Long GOP RAW: Resolution: 5952 x 3140/5952 x 2532/4096 x 2160 (cropped)/ 2048 x 1080 (cropped) Bit Depth: RGB Bayer RAW (12/10 bit)			XF-AVC: Resolution / Color Sampling: 4096 x 2160 YCC422 10 bit, 3840 x 2160 YCC422 10 bit, 2048 x 1080 YCC422 10 bit, 2048 x 1080 RGB444 12 bit/10 bit, 1920 x 1080 RGB 444 12 bit/10 bit Bit Rate: 810/440/410/310/225/210/170/160/90 Mbps Intra-frame, 50 Mbps Long GOP ProRes: Resolution / Color Sampling: 4096 x 2160 YCC422 10 bit, 3840 x 2160 YCC422 10 bit, 2048 x 1080 YCC422 10 bit, 1920 x 1080 YCC422 10 bit, 2048 x 1080 RGB444 12 bit, 1920 x 1080 RGB444 12 bit Formats: ProRes 4444/ProRes 4444 XQ/ProRes 422 HQ/ProRes 422 XF-AVC (Proxy): Resolution / Color Sampling: 2048 x 1080 YCC420 8 bit, 1920 x 1080 YCC420 8 bit Bit Rate: 24/35 Mbps Long GOP RAW: Resolution: 4096 x 2160, 4512 x 2376 (EOS C700/C700 PL), 4272 x 2376 (EOS C700 PL GS) Bit Depth: RGB Bayer RAW (12/10 bit)		XF-AVC (Intra-frame recording): Resolution / Color Sampling: 4096 x 2160 YCC422 10 bit, 3840 x 2160 YCC422 10 bit , 2048 x 1080 YCC422 10 bit , 2048 x 1080 YCC422 10 bit, 1920 x 1080 YCC422 10 bit, 2048 x 1080 RGB444 12 bit/10 bit, 1920 x 1080 RGB444 12 bit/10 bit Bit Rate: 410/310/225/ 210/160Mbps XF-AVC (Long GOP recording): Resolution / Color Sampling: 2048 x 1080 YCC422 10 bit, 1920 x 1080 YCC422 10 bit Bit Rate: 50Mbps XF-AVC (Proxy): Resolution / Color Sampling: 2048 x 1080 YCC420 8bit, 1920 x 1080 YCC420 8bit Bit Rate: 24/35 Mbps Long GOP RAW: Resolution: 4096 x 2160 Bit Depth: RGB Bayer RAW (12/10 bit)		Cinema RAW Light: Resolution: 4096 x 2160 Bit Depth: 10 bit (59.94P/50.00P), 12 bit (29.97P/23.98P/ 25.00P/24.00P) Bit Rate: 1 Gbps MP4: Resolution / Color sampling: 3840 x 2160 YCC420 8 bit, 1920 x 1080 YCC420 8 bit Bit Rate: 150 Mbps (3840 x 2160), 35 Mbps (1920 x 1080) MP4 (Proxy): Resolution / Color sampling: 2048 x 1080 YCC420 8 bit Bit Rate: 35 Mbps (2048 x 1080)		AVCHD: Resolution: 1920 x 1080 Bit Rate: 28/24/17/7 Mbps MP4: Resolution: 1920 x 1080 Bit Rate: 35/24/17/4/3 Mbps	
Terminal	Input	GENLOCK terminal (also serves as SYNC OUT terminal), TIME CODE terminal (input/output switching), REMOTE terminals (A/B), MIC jack, XLR (2 sets)			GENLOCK terminal (also serves as SYNC OUT terminal), TIME CODE terminal (input/output switching), REMOTE terminals (A/B), MIC jack, XLR (2 sets)		GENLOCK terminal (also serves as SYNC OUT terminal), TIME CODE terminal (input/output switching), REMOTE terminal, MIC terminal, AUDIO terminal		REMOTE terminal, MIC jack, INPUT terminals (2 sets)		2 XLR (Mic Level, Mic Level with phantom power and Line Level) on handle unit, REMOTE terminals, MIC jack	
	Output	MON. (1/2) terminals, SDI OUT terminal (4 sets), HDMI OUT terminal, headphones jack, SYNC OUT terminal (also serves as GENLOCK terminal), TIME CODE terminal (input/output switching), VIDEO terminal			MON. (1/2) terminals, SDI OUT terminal (4 sets), HDMI OUT terminal, headphones jack, SYNC OUT terminal (also serves as GENLOCK terminal), TIME CODE terminal (input/output switching), VIDEO terminal		MON terminal, REC OUT terminal, HDMI OUT terminal, headphones terminal, SYNC OUT terminal (also serves as GENLOCK terminal), TIME CODE terminal (input/output switching), VIDEO terminal		SDI OUT terminal, HDMI OUT terminal, headphones jack, USB terminal,VIDEO terminal		HDMI with SMPTE time code	
	Input/Output Control	LENS terminal, Ethernet terminal, CTRL terminal, expansion system terminal			LENS terminal, Ethernet terminal, CTRL terminal		System extension terminal (WFT/other unit)		Ethernet terminal		–	
Related Accessories		OLED Electronic Viewfinder EVF-V70, Remote Operation Unit OU-700, Unit Cable UN-5/UN-10, Remote Operation Unit Cable UC-V75/UC-V1000, Shoulder Support Unit SU-15, Shoulder Style Grip Unit SG-1, B4 Mount Adapter MO-4E/MO-4P, Remote Controller RC-V100, Wireless File Transmitter WFT-E6/WFT-E8, GPS Receiver GP-E1			OLED Electronic Viewfinder EVF-V70, Remote Operation Unit OU-700, Unit Cable UN-5/UN-10, Remote Operation Unit Cable UC-V75/UC-V1000, Shoulder Support Unit SU-15, Shoulder Style Grip Unit SG-1, B4 Mount Adapter MO-4E/MO-4P, Remote Controller RC-V100, Wireless File Transmitter WFT-E6A/WFT-E8A, GPS Receiver GP-E1		Microphone Adapter MA-400, Unit Cable UN-5/UN-10, CL-V1 Clamp Base, Rod Clamp RD-1, Remote Controller RC-V100, Wireless File Transmitter WFT-E6A/WFT-E8A, GPS Receiver GP-E1		LCD Monitor LM-V1, LCD Attachment Unit LA-V1, Handle Unit HDU-2, Clamp Base CL-V2, Camera Grip GR-V1, OLED Electronic Viewfinder EVF-V70, Shoulder Support Unit SU-15, Unit Cable UN-5/UN-10, 8-pin Remote Cable RR-10/RR-100, Rod Clamp RD-1, Remote Controller RC-V100, GPS Receiver GP-E2		Tripod Adapter Canon TA-100, Remote Controller RC-V100, GPS Receiver GP-E2	
Third-party Products		(1) Codex: Codex Recorder CDX-36150/Removable Capture Drive for CDX-36150 (2) IDX: V-Mount battery (Also IDX AC adapter and cable, etc.)			(1) Codex: Codex Recorder CDX-36150/Removable Capture Drive for CDX-36150 (2) IDX: V-Mount battery (Also IDX AC adapter and cable, etc.)		–		–		–	
Dimensions (W x H x D)		Approx. 6.6 x 6.1 x 12.9 in. (167 x 154 x 327mm)	Approx. 6.6 x 6.1 x 13.2 in. (167 x 154 x 336mm)	Approx. 6.6 x 6.1 x 12.9 in. (167 x 154 x 327mm)	Approx. 6.6 x 6.1 x 13.2 in. (167 x 154 x 336mm)		Approx. 5.9 x 7.2 x 7.2 in. (149 x 183 x 183mm) with thumb rest		Approx. 5.7 x 6.0 x 7.0 in. (144 x 153 x 179mm) Body only	Approx. 5.7 x 5.7 x 5.4 in. (144 x 146 x 137mm) Body only	Approx. 5.8 x 6.9 x 6.7 in. (147 x 174 x 169mm) with thumb rest	
Weight		Approx. 7.6 lbs. (3455g)	Approx. 8.0 lbs. (3615g)	Approx. 7.6 lbs. (3440g)	Approx. 7.9 lbs. (3600g)		Approx. 3.9 lbs. (1770g)		Approx. 4.4 lbs. (2000g)	Approx. 3.2 lbs. (1430g)	Approx. 2.9 lbs. (1335g)	

* For a list of compatible lenses, please visit the respective product pages on [usa.canon.com](#).

** When the sensitivity is expanded. ◇ When expansion is selected. ◇◇ Lenses must support AF.