



EOS C70 EOS C70 PL EOS C70 GS PL



OUR FLAGSHIP CINEMA EOS CAMERA

Canon's new EOS C70 Super 35mm format Digital Cinema Camera[†] is designed to be a flexible "A" camera for various types of shooting scenarios. The EOS C70 features both internal 4K ProRes and XF-AVC recording. With the optional 4K Codex CDX-36150 recorder, the EOS C70 is capable of recording uncompressed RAW up to 120 frames per second. As Canon's flagship cinema camera, the EOS C70 features the choice of one of two Super 35mm CMOS sensors. With three models to choose from, users can choose the best tool for their shooting requirements. The EOS C70 is available in both EF and PL versions, and features a pixel resolution up to 4.5K as well as a dynamic range of 15 stops. The EF-mount version of the camera includes Dual Pixel CMOS AF. The PL-mount only EOS C70 GS PL features 14 stops of dynamic range, up to 4K resolution and a global shutter.

- 4.5K Sensor (4.2K for GS PL)
- Refined Ergonomics and Design
- RAW Recording
- Canon XF-AVC and ProRes Internal Recording
- Internal CFast™ and SD Card Recording
- Canon Log 3 / Canon Log 2 / Canon Log
- SMPTE ST 2084 Support for HDR Productions
- Cinema Gamut / BT.2020 Gamut
- ACES Support
- Dual Pixel CMOS AF (EF-mount camera only)
- Triple DIGIC DV 5 Image Processors
- Internal ND Filters
- Anamorphic Lens Support
- Intelligent Metadata /i (PL-mount cameras only)
- B4 mount adapters
- Slow and Fast Motion Recording
- IP Streaming
- Wireless Remote Capabilities
- GPS
- RC-V100 Remote Controller Support
- Optional Accessories

SPECIFICATIONS



EOS C700



EOS C700 PL



EOS C700 GS PL

Image Sensing Device	Total Pixels	Approx. 11.54 megapixels (4622 x 2496)		Approx. 10.92 megapixels (4374 x 2496)
	Number of Effective Pixels	Approx. 8.85 megapixels (4096 x 2160): When 4096 x 2160 or 2048 x 1080 is selected as the resolution Approx. 8.29 megapixels (3840 x 2160): When 3840 x 2160 or 1920 x 1080 is selected as the resolution RAW Recording Pixels 4512 x 2376*		Approx. 8.85 megapixels (4096 x 2160): When 4096 x 2160 or 2048 x 1080 is selected as the resolution Approx. 8.29 megapixels (3840 x 2160): When 3840 x 2160 or 1920 x 1080 is selected as the resolution RAW Recording Pixels 4272 x 2376*
	Sensor	CMOS Sensor with DAF Technology	CMOS Sensor	CMOS Sensor with Global Shutter
Lens Mount	EF mount (cinema lock type)		PL mount	PL mount
Exposure	Exposure Mode	(1) Manual exposure based on shutter setting, iris setting, ISO/gain setting and ND filter setting (2) Push auto iris control (Light metering system selection, shift possible)		
	Shutter Setting	Speed, Angle, Clear Scan, Slow or Off mode. Either 1/3 or 1/4 steps selected as speed increment.		
	Iris Setting	1/2-stop, 1/3-stop or fine setting selected (1) Push auto iris control (2) Auto iris control		
		Lenses that support Auto Iris:	EF Lenses EF-S 18-135mm f/3.5-5.6 IS STM, EF-S 18-55mm f/3.5-5.6 IS STM, EF-S 55-250mm f/4-5.6 IS STM, EF-S 10-18mm f/4.5-5.6 IS STM, EF 24-105mm f/3.5-5.6 IS STM, EF-S 18-135mm f/3.5-5.6 IS USM	CINE-SERVO Lenses CN7x17 KAS S/EI, CN20x50 IAS H/EI, CN-E18-80mm T4.4 L IS KAS S, CN7x17 KAS S/PI, CN20x50 IAS H/PI
	ISO	1 step, 1/3 step settings: 100*** - 160 - 25600 - 102400***	4K 60fps or lower/2K crop 120fps or lower: 200*** - 320 - 25600 - 102400*** 4K over 60fps/2K crop over 120fps: 400*** - 640 - 25600 - 102400***	
ND Filter	5 density settings (2, 4, 6, 8 ^o , 10 ^o stops)			
Focus Control/Assist ^{oo}	Dual Pixel CMOS AF support, Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF, Focus Guide		Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF	
Control Display	3.0-inch (7.66cm on the diagonal) color liquid crystal. Approximately 1.036 million dots			
Viewfinder	FHD 1920 x 1080 0.7", Optional OLED Electronic View Finder (EVF-V70) sold separately			
White Balance	Kelvin setting (setting range: 2000K to 15000K/ -20CC to +20CC), AWB, daylight, tungsten, settings (A/B)			
System Frequency Selection	Frame Rate	59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P, 50.00 Hz mode: 50.00i/50.00P/25.00P, 24.00 Hz mode: 24.00P		
Recording Media	CFast™ Card (2 slots)	Movie recording (XF-AVC/ProRes), custom pictures, metadata recording		
	SD Card	Records movies XF-AVC (proxy), photos (JPEG), custom pictures, metadata, menus and other data		
	Codex Capture Drive	Video (RAW) [Available with Codex Recorder Attached to C700] / ProRes*		
Compression Formats	Video	(1) XF-AVC, MPEG-4 AVC/H.264, (2) ProRes, Apple ProRes Codec, (3) RAW, Uncompressed		
	Audio	Linear PCM (24 bit- 48kHz), 4-channel Recording		
XF-AVC	Resolution/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	810/440/410/310/225/210/170/160/90Mbps Intra-frame, 50 Mbps Long GOP		
ProRes	Resolution/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	ProRes4444/ProRes422HQ/ProRes422		
XF-AVC (proxy)	Resolution/Sampling	2048 x 1080 YCC420 8 bit/1920 x 1080 YCC420 8 bit		
	Bit Rate	24/35Mbps Long GOP		
RAW	Bit Depth	12/10 bit		
	Resolution	4096 x 2160, 4512 x 2376	4096 x 2160, 4272 x 2376	
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		
	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		
	Input/Output Control	LENS terminal, Ethernet terminal		
Related Accessories	EVF-V70, UN-5/UN-10, OU-700, SU-15, SG-1, UC-V75, UC-V1000, MO-4E / MO-4P, RC-V100, WFT-E6A, WFT-E8A, GP-E1			
Third-party Products	(1) Codex: CDX-36150 (Codex Recorder for Canon C700) / 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)	
Weight	Approx. 7.6 lb. (3440 g)		Approx. 7.9 lb. (3600 g)	

* With March 2017 update ** ENG Broadcast Lenses (2/3" mount lenses which allow for 12-pin communication using B4 mount) *** When the sensitivity is expanded ° When expansion is selected oo Lenses must support AF

* The Cinema EOS C700 has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

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