



# 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<sup>†</sup> 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 4.2K 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. 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 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	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			
	ISO	1 step, 1/3 step settings: 100** - 160 - 25600 - 102400**	1 step, 1/3 step settings: 100** - 160 - 25600 - 102400**	4K 60fps or lower/2K crop 120fps or lower: 400** - 640 - 25600 - 102400** 4K over 60fps/2K crop over 120fps: 400** - 640 - 25600 - 102400**	
ND Filter	5 density settings (2, 4, 6, 8 <sup>°</sup> , 10 <sup>°</sup> stops)				
Focus Control/Assist <sup>Ⓢ</sup>	Dual Pixel CMOS AF support, Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF, Focus Guide		Manual Focus	Manual Focus	Manual Focus
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			
	Format	ProRes 4444/ProRes 4444 XQ/ProRes 422 HQ/ProRes 422			
XF-AVC (proxy)	Resolution/Sampling	2048 x 1080 YCC420 8 bit/1920 x 1080 YCC420 8 bit			
	Bit Rate	24/35 Mbps Long GOP			
RAW	Bit Depth	RGB Bayer RAW (12/10 bit)			
	Resolution	4096 x 2160, 4512 x 2376	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, CTRL 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 EOS 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)	Approx. 6.6 x 6.1 x 13.2 in. (167 x 154 x 336mm)		
Weight	Approx. 7.6 lb. (3440g)	Approx. 7.9 lb. (3600g)	Approx. 7.9 lb. (3600g)		

\* 2/3" mount lenses which allow for 12-pin communication using B4 mount \*\* When the sensitivity is expanded ° When expansion is selected Ⓢ Lenses must support AF

\* At time of printing, the Cinema EOS C700 GS PL 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.

Certain images and effects are simulated. Specifications and availability subject to change without notice. Products not shown to scale. Weight and dimensions are approximate. Not responsible for typographical errors.

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