EOS C300 Mark III

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SKU: 3795C002

- December 2024 firmware enhancements include: displays digital tele-converter icon when activated.
- Super 35mm Dual Gain Output (DGO) Sensor
- DIGIC DV7 Image Processor

Show more

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In The Box

Imaging Sensor

Effective Pixels	4096x2160: when 4096 x 2160 or 2048 x 1080 is selected as the resolution (Approx. 8.85 megapixels) 3840 x 2160: when 3840 x 2160 or 1920 x 1080 is selected as the resolution (Approx. 8.29 megapixels)
Total Pixels	4206 x 2280; Approx. 9.6 megapixels
Sensor Type	CMOS
Sensor Size	Super 35mm 4K: 26.2 x 13.8 (29.6 mm diagonal) UHD: 4K: 24.6 x 13.8 (28.2 mm diagonal)
Sensor Modes	Super 35mm, Super 16mm(cropped)
Pixel Pitch	6.4 µm
Scanning System	Progressive
Number of Sensors	1
Filter	RGB Primary Color Filter (Bayer Array)
Imaging Processor	DiG!C DV 7

Lens System

Lens Mount	Default Mount: EF Optional: EF-C locking, PL **All mounts are interchangeable* ***Supports both EF and EF-S lens*
Zoom/Focus Preset	Not Available
Shockless Zoom	Not Available
Digital Teleconverter	1.5x/2.0x/2.5x/3.0x
ND Filter	Mechanical ND filter system with option of clear, 2, 4, and 6 stops; 8 and 10 stops in extended mode
Peripheral Illumination Correction	Available

Exposure and Metering

Exposure Modes	(1) Manual exposure based on shutter setting, iris setting, ISO/gain setting, and ND filter setting (2) Push auto iris control, auto iris control
Metering Modes	Standard, Spotlight and Backlight
Gain	Normal Setting -6dB to 54dB TBD Fine Setting -2dB to 54dB in 0.5 dB increments
ISO	100 to 102,400
Auto Gain Control (AGC)	Not Available
Shockless Gain	Not Available
Exposure Compensation/AE Shift	–2.0 to +2.0 in 0.25 point intervals
Shutter Modes	3 Modes: OFF; Speed; Angle; Slow Shutter; Clear Scan *Speed Mode is selected in 1/3 or 1/4 stop increments*
Shutter Speed Range	59.94Hz/24.00Hz: 1/12 to 1/2000 50.00Hz: 1/12 to 1/2000
Shutter Angle Settings	59.94Hz/50.00Hz/24.00Hz: 360, 240, 180, 120, 90, 60, 45, 30, 22.5, 15, 11.25
Iris Settings (EF)	Can be set to 1/2 stop, 1/3 stop or Fine. (1) Push auto iris control (2) Auto iris control (Compatible lens required) (1/2, 1/3 stop or fine setting can be selected)

Focus

Focus Control	Dual Pixel CMOS AF
Focus Modes	Manual focus, continuous AF, one-shot AF, AF-Boosted MF, face detection AF *Only lenses that support AF functions can be used in AF modes*

Recording Selection

System Frequency

59.94 Hz, 50.00 Hz, 24.00 Hz
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

Resolution

Mode	Resolution	Frame Rates
Cinema RAW Light	4096x2160	59.94p / 29.97p / 23.98p / 50.00p / 25.00p / 24.00p
	2048x1080	59.94p / 29.97p / 23.98p / 50.00p / 25.00p / 24.00p
XF-AVC	4096x2160 / 3840x2160	59.94p / 29.97p / 23.98p / 50.00p / 25.00p / 24.00p
	2048x1080 / 1920x1080	59.94p / 29.97p / 23.98p / 50.00p / 25.00p / 24.00p/59.94i / 50i
	1280x720	59.94p / 50p

Color Gamuts*

Cinema Gamut, BT.709, BT.2020

Gamma Curves*

BT.709, Wide DR, Canon Log 2, Canon Log 3, PQ, HLG

N/A4

**Enabled for recording (including proxy) and output from each terminal, but does not affect recorded Cinema RAW Light files.*

Recording / Codec

Codecs

XF-AVC (10 bit 4:2:2 (CFexpress) or 8 bit 4:2:0 (SD card))
Cinema RAW Light (CFexpress)

Recording Media

CFexpress 2.0 (Type B) x 2 slots

Media	Capacity (GB)
SanDisk Extreme Pro	512
Sony TOUGH	512
ProGrade Digital COBALT	650

SD Card (Still Images (JPEG), Custom Picture Data, Clip Metadata, and menu settings); SD/SDHC/SDXC Supported

Recording Time

	Cinema RAW Light			
CFexpress™	1 Gbps		250 Mbps	
512 GB	64 Minutes		256 Minutes	
	XF-AVC Intraframe			
CFexpress™	810 Mbps	410 Mbps	310 Mbps	160 Mbps
512 GB	79 Minutes	156 Minutes	207 Minutes	401 Minutes
	XF-AVC Long GOP			
CFexpress™	260 Mbps	160 Mbps	50 Mbps	24 Mbps
512 GB	246 Minutes	401 Minutes	1284 Minutes	2675 Minutes
	XF-AVC Long GOP			
SD	35 Mbps	24 Mbps	17 Mbps	
512 GB	1945 Minutes	2840 Minutes	4010 Minutes	

File Format

XF-AVC: MXF (OP-1a)
RAW: CRM

File System

CFexpress: exFat
SDHC card: (up to 32 GB): FAT32
SDXC card (more than 32 GB): exFAT
File division unit: 4 GB for FAT32, none for exFAT

Maximum Clip Number

999 (per media)

Audio

Recording Format	Linear PCM; 4-Channel; 24-Bit; 48 kHz
Built-in Microphone	Monaural
External Audio Inputs	2 – XLR inputs (Auto and Manual level settings) External microphone terminal: (3.5 mm diameter)
Recording Chanel Selection	Up to 4 channel audio recording is supported.
XLR Mic Trimming	Available; -12dB, -6 dB, 0dB or +12 dB
Limiter	Available
Recording Level Adjustment Range	- Infinity to +18dB
Phantom Power	Available; +48V
Headphone Adjustment	16 Settings; Volume is muted at lowest setting
Built-in Speaker	Available; Volume Adjustable
1KHz Tone	Available (off, -12, -18, or -20 dB)

Features and Performance

Playback

Clip Display: 3x4 Index Display.
Clip Playback: Forward Search (x5, x15, x60), Reverse Search (x5, x15, x60), Forward frame Advance, Reverse Frame Advance, Record Review, Skip to next clip, skip to previous clip
Clip information Display: Clip Metadata display, custom picture settings
Playback Functions: Clip Delete
Photo Playback: index, single playback, delete, protect

Slow and Fast Motion Recording

Available; Records at a different frame rate then the playback rate allowing for fast and slow motion effects:

Sensor Mode	Recording Mode	Available Frame Rates
Super35	Cinema RAW Light	23.98P/24P: 12-120 29.97P: 15-120 25P/50P: 15-120 59.94P: 15-120
Super16 (Crop)	Cinema RAW Light	23.98P/24P: 12-180 29.97P: 15-180 25P/50P: 15-180 59.94P: 15-180
Super35	XF-AVC	23.98P/24P: 12-120 23.98P/24P: 12-120 25P/50P: 15-120 59.94P: 15-120
Super16 (Crop)	XF-AVC	23.98P/24P: 12-120 29.97P: 15-180 25P/50P: 15-180 59.94P: 15-180

Special Recording Functions

Relay Recording*; Double-Slot Recording**
** Not available during Slow Motion recording*
*** Not available in combination with Slow and fast motion recording or relay recording*

Photo Recording Mode

Available; Images captured to SD Card

Waveform Monitor

Available (HDR Compatible);
(a) Line display
(b) Line + spot: Line display over a red waveform in a red frame.
(c) Line select display
(d) RGB (parade)
(e) YPrPb (parade)

Output gain can be selected as either 1x or 2x. With gain set to 2x, the vertical axis (Y-position) offset value can be chosen.

When gamma is set to PQ, an PQ index (nits index) can be displayed. When gamma is set to HLG, an HLG index (0.0–1.0 relative index) can be displayed.

Vectorscope	Available
False Color	Available
Exposure / Focus Aids	Peaking (2 types), Zebra Pattern, Magnify, Black and White Mode, Focus Guide
Frame Record	Not Available
Pre-Record	Yes, 3 seconds cache (Audio and Video)
Time code	Drop Frame (DF) and Non-Drop Frame (NDF)
Time Code Modes	Regeneration, Record Run, Free Run and External Source
Auto White Balance (AWB)	Available
White Balance	Kelvin Setting: 2,000K to 15,000K in 100K increment -20CC to +20CC in 1 CC increments
White Balance Presets	Daylight (5,600K); Tungsten (3,200K), Custom A, Custom B
Auto Black Balance	Available
Custom Picture Settings	20 Custom Picture settings Custom pictures can be adjusted using the following settings and saved for later recall: Gamma, Black, Black Gamma, Low Key Saturation, Knee, Sharpness, Noise Reduction, Skin Detail, Selective Noise Reduction, Color Matrix, White Balance, Color Correction, Setup Level Custom Pictures can be saved to an SD card for later use or transferring between cameras
Custom Display	Yes; LCD panel and EVF information display can be customized
On Screen Markers	Available marker options include center, horizontal, grid, aspect, safety zone, and user marker. With user markers, user can set their preferred size and position. Markers can be displayed in yellow, blue, green, red, black, gray, or white.
Assign Buttons	18 total assignable button (15 assign buttons provided on camera body, 1 on the grip and 2 buttons on the monitor unit)
lor Bars	Color bars compliant with SMPTE, EBU, or ARIB standards can be selected depending on system frequency selected

Sensitivity	59.94 Hz: f/10 (2048x1080/59.94P) or f/14 (1920x1080/29.97P) 50.00 Hz: f/11 (2048x1080/50.00P) or f/16 (1920x1080/25.00P) All values for ISO 800, 2000 lux, and reflectance rate of 89.9%
Dynamic Range	Canon Log 2: 1600% / 16+ stops (ISO 800) Canon Log 3: 1600% / 14 stops (ISO 800)

LCD Monitor

Type	4.3-inch (10.9 cm diagonal) color wide-screen LCD Approx. 2,760,000 dots (1280 x RGB x 720),
Aspect Ratio	16:9
Field of View Coverage	100%
Display Adjustments	Brightness, Contrast, Color, Sharpness, and Luminance

Input/Output

SDI Out	HD: SMPTE 292 3G: SMPTE 424, SMPTE 425 6G: SMPTE ST 2081 12G: SMPTE ST 2082 Audio: SMPTE ST 299 BNC Connector, output only
Monitor Out	Available Resolution: 2048x1080 / 1920x1080 Frame Rates: 23.98p/24.00p/25.00p/29.97p/30p/59.94p/50p/60p
Time code In/Out	Yes; BNC Connector (Input and Output)
Genlock	Supported when optional expansion unit EU-V1 or EU-V2 in attached (Shares function with Synch Out) Adjustment range: -1023 to +1023
Synch Out	Supported when optional expansion unit EU-V1 or EU-V2 in attached (Shares function with Genlock) HD tri-level signal (HD Sync) 1920x1080: 59.94i/50i/23.98/24.00, 1280x720: 59.94p/50p/23.98, 24.00
HDMI	Yes (Type A) [4096x2160/3840x2160]/1920x1080/1280x720
Audio Input Terminal	2 – Balanced 3-pin XLR (Mic Level, Mic Level with phantom power and Line Level) 3.5mm Microphone terminal
Headphone Jack	Available; 3.5mm stereo mini-jack
Remote Terminals	Remote A (Standard – LANC Compatible or RC-V100) Remote B available In conjunction with expansion unit EU-V1 and EU-V2 Remote control through WFT-E9
USB	Available
CCU	Optional RC-V100

Power

Supply	14.4V DC (Battery Pack)
Power Terminal	DC IN 12V jack: DC 11.5V - 20V DC 12–20V (using V-mount battery with EU-V2)
Battery	BP-A Series
Compact Power Adapter	CA-CP200B

Accessories

Tripod Adapter	Canon TA-100
Wi-Fi Adapter	WFT-E9 (optional accessory)
Expansion Units	EU-V1, EU-V2, EU-V3
EVF	EVF-V50, EVF-V70
Mounts	PL Mount Kit PM-V1, EF Cinema Lock Mount Kit CM-V1
Adapter	MO-4E (EF to B4), MO-4P (PL to B4)

Other

Dimensions	(Width x height x depth, excluding cable and grip belt) Body Only: Approx. 153 x 148 x 168 mm (6.0 x 5.8 x 6.6 in.) Body and Grip: Approx. 183 x 148 x 189 mm (7.2 x 5.8 x 7.4 in.) Body, Grip, Handle, Mic Holder, LCD Monitor LM-V2 and Expansion Unit EU-V2: Approx. 343 x 277 x 333 mm (13.5 x 10.9 x 13.1 in)
Weight	EF Camera body (without Camera Grip GR-V1 or thumb rest) Approx. 1.75 kg (3.9 lb)* **Body with PL Mount body; Approx. 2030g (4.5 lb.)* **Body with EF Cinema lock Mount body; Approx. 1860g (4.1 lb.)* Camera Grip GR-V1: Approx. 260 g (9.2 oz.) LCD Monitor LM-V2: Approx. 204 g (7.2 oz.) Handle unit: Approx. 227 g (8.0 oz.) Battery Pack BP-A60: Approx. 434 g (15.3 oz.) Compact Power Adapter CA-CP200B: Approx. 290 g (10.2 oz.) *Not including AC cable Battery Charger CG-A20: Approx. 145 g (5.10 oz.) Eyecap: Approx. 26 g (0.92 oz.) Mic holder unit:Approx. 56 g (2.0 oz.) LCD Attachment Unit LA-V2: Approx. 265 g (9.3 oz.) Thumb rest: Approx. 9 g (0.32 oz.) Extension System Attachment Bracket: Approx. 11 g (0.39 oz.) Unit Cable UN-5: Approx. 80 g (2.8 oz.) Body cap: Approx. 17 g (0.60 oz.)
Temperature and Humidity	Performance requirements: 0°C to 40°C, 85% (relative humidity) Operating requirements: -5°C to 45°C, 60% (relative humidity)
Language Support	English, Japanese, Chinese, German, Spanish, French, Italian, Korean, Russian
Time and Date	Automatic Calendar range January 1st, 2020 through December 31, 2050
World Clock	World Clock support – UTC time setting: Setting range from +14:00 to -12:00

Product Disclaimer

* Does not include 4 Pin XLR AC Adapter

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