TECHNICAL SPECIFICATIONS

EOS C300 Mark III

CAMERA	
IMAGE SENSOR	
Sensor	Super 35mm CMOS sensor
System	RGB primary colour filter (Bayer array)
Sensor Modes	Super 35 mm / Super 16 mm (Crop)
Total Pixels	Approx. 9.6 megapixels (4206 x 2280)
Effective Pixels (Full Frame Mode)	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
Effective Sensor Screen Size	Super 35 mm; 26.2 x 13.8 mm (29.6 mm on the diagonal): When 4096 x 2160 or 2048 x 1080 is selected as the resolution 24.6 x 13.8 mm (28.2 mm on the diagonal): When 3840 x 2160 or 1920 x 1080 is selected as the resolution
Dynamic Range	Canon Log 2: 1600% / 16+ stops** Canon Log 3: 1600% / 14 stops** Wide DR: 800% (at ISO 400) **At ISO800/Dual Gain Output: On
IMAGE PROCESSOR	
Type	DIGIC DV7
LENS	
Lens Mount	Canon EF Mount. User changeable to EF Mount with Cinema Lock or PL Mount B4 mount lens via adapter accessory (EF or PL)
Lens Magnification factor (for EF Mount lenses, including Cinema Primes)	Super 35 mm: 4096 x 2160 (RAW), 4096 x 2160, or 2048 x 1080 resolution: Actual focal length x approx. 1.460 3840 x 2160 or 1920 x 1080 resolution: Actual focal length x approx. 1.534 Super 16 mm (Cropped): 2048 x 1080 resolution: Actual focal length x approx. 2.920 1920 x 1080 resolution: Actual focal length x approx. 3.069
Changeable Lens Mount	Yes, User changeable to EF with Cinema Lock or PL Mount
Peripheral illumination correction	YES (dependent on lens used)
ND filter	Up to 10 stops via built in ND filter system (in extended mode)
Focus control	EF Mount: Via lens, wireless control or wired remote (dependent on lens used) PL Mount: Only Cine Servo lenses
Iris control (EF mount lenses)	Via body, grip, wireless control or wired remote. 1/2-stop, 1/3-stop or FINE control. Possible to maintain constant F-number during zoom.
Cooke /i Technology Support	Yes (PL Mount only after mount change)
Anamorphic Lens Support	Yes, x2.0/x1.3
Image stabilization system	Optical depending on lens used, Digital 5-Axis IS for non IS lenses. Combination of Optical IS and Digital IS to give combined 5-Axis IS
RECORDING	
Internal Recording	CFexpress card x2 for Cinema RAW Light or XF-AVC/MXF, SD card for XF-AVC Proxy recording SD card also used for Photo Storage (1920 x 1080), CP setting transfer and firmware update.
Recording time (CFexpress card, 512GB) Approx.	Cinema RAW Light: 4096 X 2160: 1 Gbps: 64 Mins 2048 X 1080: 250 Mbps 256 Mins XF-AVC/MXF:4096 X 2160: 810 Mbps 79 Mins/410 Mbps 156 Mins 2048 X 2160: 310 Mbps 207 Mins/160 Mbps 401 Mins
Recording Formats	Cinema RAW Light (CRM), XF-AVC (MXF) ALL-I or Long GOP
System Frequency/ Frame Rates	59.94Hz mode (59.94P / 59.94i / 29.97P / 23.98P) 50.00Hz mode (50.00P / 50.00i / 25.00P) 24.00 Hz mode (24.00P)
Cinema RAW Light Bit Rate/Bit Depth (PAL)	4096 X 2160: 50.00P, 1 Gbps 10-bit/25.00P, 1 Gbps 12-bit 2048 X 1080: 50.00P, 250Mbps 10-bit/25.00P 250 Mbps 12-bit
XF-AVC Recording Bit Rate/ Sampling (PAL)	4096 X 2160/3840 X 2160: 50.00P YCC 4:2:2 10-BIT 810 Mbps/25.00P YCC 4:2:2 10-bit 410 Mbps 2048 X 1080/1920 X 1080: 50.00P YCC 4:2:2 10-BIT 310 Mbps/25.00P YCC 4:2:2 10-bit 160 Mbps
XF-AVC Proxy Recording Bit Rate/ Sampling (PAL) To SD Card	2048 X 1080: 50.00P, YCC 4:2:0 8-bit 35 Mbps/25.00P, YCC 4:2:0 8-bit 24 Mbps Long GOP
Slow/Fast motion	Yes, Cinema RAW Light 4096 x 2160: 12 – 120 FPS/ 2048x1080/ 12 -120 FPS XF-AVC: 4096 x 2160: 12 - 120 FPS/2048 x1080/ 1920x1080 (2K/Super 16mm) 12 -180 FPS Proxy files recorded at same frame rate
Interval Record	No
Frame Record	No
Pre Record (cache record)	Yes, 3 seconds
Relay Recording	Yes
Double Slot (simultaneous) Recording	Yes
Scan Reverse	Yes
HD->SD conversion	No
Photo storage media	SD/SDHC memory card
Photo Recording Size	4096x2160/3840x2160/2048x1080/1920x1080
SYSTEM	
Wave Form Monitor	Yes. Via MON.1/2, VIDEO or HDMI Terminals (Not available from SDI Out 1 -4) Line Display/Line and Spot/Line Select/Field Display/RGB Display/YPrPb. HDR PQ/HLG output supported.
False Colour Display (Exposure Indication)	Yes. Via MON.1/2, VIDEO or HDMI Terminals
Colour Bars	SMPTE, EBU and ARIB colour bars available. See the menu.
Peaking	Peaking 1, Peaking 2 (Colour, Gain, Frequency customisable)
Zebra	Level 1; Level 2; Both Output via HD-SDI or HDMI
Markers	On/Off selectable: centre, horizontal, grid, aspect, safety zone, and rectangular marker. Colour selectable, yellow, blue, green, red, black, grey or white.
EVF	
Built- in EVF	No
Optional EVF Accessory	Yes. OLED Electronic Viewfinder, EVF-V50 or EVF-V70
INPUTS/OUTPUTS	
Audio in	XLR 3-pin connector x2 , 3.5 mm stereo mini jack (input only) Input 1 and 2 on camera body. Additional 2x 3-Pin XLR on optional Expansion Unit EU-V2 (Input 3 and 4)
Headphone output	3.5 mm stereo mini jack (output only, Camera Body).
Video monitor output	MON.: BNC jack , (output only, Camera Body).
HDMI	HDMI connector (type A) (output only, Camera Body).
USB	Yes, Input only, Camera Body. (GP-E2 connection)
SDI output	BNC jack 1 x 12G-SDI Out (output only, Camera Body).
Time code	BNC jack (input/output, Camera Body).
Genlock	Yes with optional Expansion Unit EU-V1 and EU-V2. BNC jack (input only/also serves as SYNC OUT connector)
Synch	BNC jack (output only/also serves as GENLOCK connector)
Component out	No
AV terminal	No

Canon

Live for the story_