

TECHNICAL SPECIFICATIONS

EOS C300 Mark III

DC Output	Yes, with optional EU-V2. DC 24V 2A jack Fischer 3-pin jack (output only). D-Tap connection, 50W maximum	CUSTOM PICTURE	
DC input	XLR 4-pin jack	Stored Configurations	C1: BT.709 (Wide DR / BT.709 Gamut) C2: LOG2 (Canon Log 2 / Cinema Gamut) C3: LOG3 (Canon Log3 / Cinema Gamut) C4: PQ (PQ / BT.2020 Gamut) C5: HLG (HLG / BT.2020 Gamut) USER5 to USER20 (Wide DR / BT.709 Gamut)
Remote Control Terminal	REMOTE A connector 2.5 mm stereo mini-mini jack (input only) REMOTE B connector Round 8-pin jack (for RS-422) with optional EU-V1 or EU-V2	Colour Matrix	Neutral: Accurate colour reproduction Production Camera: Colour reproduction for use in movie production Video: Colour reproduction equivalent to C300/500 CP-OFF (for commercial cameras) -50 to +50 Adjustable for each channel RGB -50 to +50 plus Master Black -50 to +50
Wireless Control Terminal	Yes	Master Pedestal	-50 to +50
Lens terminal	Yes, with optional EU-V2. 12-pin jack	Master Black	Adjustable Level -50 to +50, Range -20 to +50 and Point -20 to +50
Ethernet terminal	Yes, with optional EU-V1 and EU-V2. Ethernet connector (RJ45) (supports 1000 BASE-T)	Black Gamma	Adjustable: -50 to +50
IP Streaming	Yes. Via Ethernet connection. Wi-Fi capability 9 Mbps/4 Mbps: 1920 X 1080 (59.94p/59.94i/50.00p/50.00i) optional EU-V1 or EU-V2 required	Low Key Saturation	Adjustable: -50 to +50
User Viewing LUT input	Yes	Knee	Point -50 to +109, Slope -35 to +50, Saturation -10 to +10
Video connector	Canon's proprietary specification (special 13-pin jack) for LM-V2 Monitor or optional EVF-V70 viewfinder or LM-V1 monitor or	Sharpness	Adjustment for Level, H Detail Freq., Coring, HV Detail Balance, Limit, Select, Knee Aperture and Level dependent sharpness Off, On (1 to 12)
MISC.		Noise reduction	Off, Low, Middle, High / Hue, Chroma, Area, Luminance, 32 steps
Tally lamp	Yes	Skin detail	Off, Low, Middle, High / Hue, Chroma, Area, Luminance.
Custom Dial	Yes	Selective Noise Reduction	Off, Low, Middle, High / Hue, Chroma, Area, Luminance.
SHOOTING FUNCTIONS		Colour matrix	Phase, Gain and RGB adjustment, in tandem with Gamma selection
EXPOSURE		White balance	AWB, USER setting 01 (setting range: 2000K to 15000K / -20CC to +20CC), daylight, tungsten, settings (A/B) Area selection / area revision of two areas -50 to +50 On/Off
Exposure metering	Manual exposure determined by shutter setting, iris setting, ISO/gain setting and ND filter setting. Push Auto Iris, Auto Iris	Colour correction	
Exposure compensation	Yes	Setup level	
Auto Exposure mode	Auto Iris with compatible lenses	WI-FI & GPS SPECIFICATIONS	
Push Auto Iris	Yes EF model all compatible lenses. PL Version compatible Canon Cine Servo Lenses only with 12-pin connection on optional EU-V2	Wi-Fi (Optional Accessory)	1) WPS (Wi-Fi Protected Setup) (push-button system, PIN code system) 2) Manual setup 3) Search for access points Open system, WPA-PSK, WPA2-PSK, WEP-64, WEP-128, TKIP, AES, Auto / manual Latitude/Longitude/Elevation, Coordinated Universal Time (UTC)
Exposure Lock	No	GPS Information (Optional Accessory)	
Auto Gain Control setting	Yes	WHITE BALANCE	
ISO Sensitivity	1-Stop Display: [100], 160(*), 200, 400, 800, 1600, 3200, 6400, 12800, 25600, [51200, 102400] [—] Displayed when ISO speed expansion is ON. (*) Displayed when ISO speed expansion is OFF 1/3 Stop Display: [100, 125], 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800, 16000, 20000, 25600. [32000, 40000, 51200, 64000, 80000, 102400] [—] When ISO speed expansion is ON.	Auto	YES.
Auto Focus System (EF Mount)	Dual Pixel CMOS AF, Contrast AF	Preset	Daylight (5400K), Tungsten (3200K), Kelvin (2000K-15000K, 100K intervals), Set A, Set B
AF Frame Sizes (EF Mount)	Large: size equivalent to approx. 20% (vertical) x 25% (horizontal) of the image display range Small: size equivalent to approx. 20% (vertical) x 8% (horizontal) of the image display range Selectable AF point over 80% (approx.) of sensor	White Balance Matching	Yes, for previous models
Auto Focus Modes (EF Mount)	One-Shot AF, Continuous AF and AF-Boosted MF. All modes take effect when the AF/MF switch of the EF lens is at the AF setting. One-Shot AF, Continuous AF, AF-Boosted MF	White Balance Shift	YES, -9 to +9 (Daylight and Tungsten only)
Face Detection AF (EF Version Only)	Face Priority or Face Only.	BLACK BALANCE	
Focus Guide	EF version: All compatible Canon EF lenses, Canon Cine Servo Lenses	Black balance adjustment	YES
Gain setting	[-6dB, -3dB], -2dB(*), 0dB, 3dB, 6dB, 9dB, 12dB, 15dB, 18dB, 21dB, 24dB, 27dB, 30dB, 33dB, 36dB, 39dB, 42dB, [45dB, 48dB, 51dB, 54dB] [—] Displayed when ISO speed expansion is ON. (*) Displayed when ISO speed expansion is OFF. When ISO speed expansion is ON: between -2 dB and 54 dB When ISO speed expansion is OFF: Any value from -2 dB to 42 dB in 0.5 dB increments can be set.	TIME CODE	
SHUTTER		Count up system	Regen, RecRun, Free Run, External, Hold (Drop frame available for some frame rates)
Control Modes	Off; Speed; Angle; Clear Scan (CS); Slow Shutter (SLS)	Start value setting	"00:00:00:00", Set/Reset selectable
Shutter speed	1 sec to 1/2000 depending on frame rate and Shutter Control Mode, 39 setting options	AUDIO	
Shutter Angle	11.25° to 360° depending on frame rate	Recording	Linear PCM (24-bit / 48kHz), 4 channels
Slow Shutter (SLS)	1/3, 1/4, 1/6, 1/8, 1/12, 1/15, 1/25, 1/30 depending on frame rate		
Clear Scan	24.00 Hz* to 250.40 Hz (*) The frequency will differ depending on the frame rate setting.		

