EOS C300
Mark III

4K **HDR** **Cinema RAW Light** **XF-AVC** **DGO** Dual Gain Output

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EOS C300 Mark III

4K Super 35mm DGO (Dual Gain Output) sensor

The EOS C300 Mark III features a newly-developed imaging system that generates HDR video by reading out each pixel with different gains. It combines images using pixels shot with a saturation-prioritising amplifier for bright areas, and a lower-noise noise-prioritising amplifier for darker areas, resulting in higher dynamic range*.

4K 120P high-speed support

Shoot high frame rates for precise recording of moving subjects, with 120fps available when recording in 4K Cinema RAW Light or XF-AVC. Detailed settings from 12fps to a maximum 180fps: 2K (crop) are possible, realising greater emotion in visual expression.
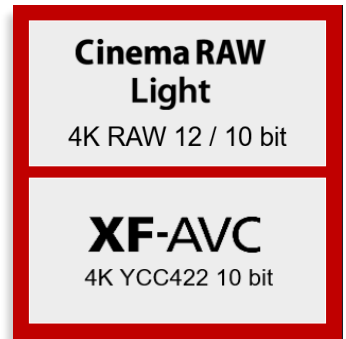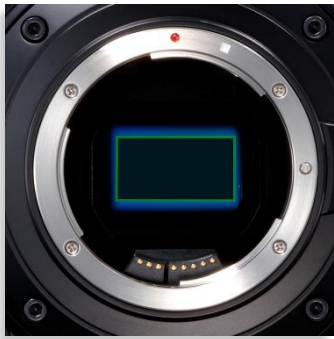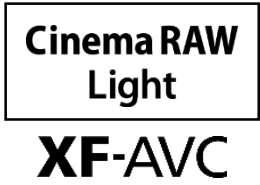
Expandability via Extension Units

Employing a modular design that allows users to freely customise the camera to meet their shooting needs, the camera features exceptional expandability to facilitate a wide range of video content productions.

* DGO sensor supports up to 4K 60P

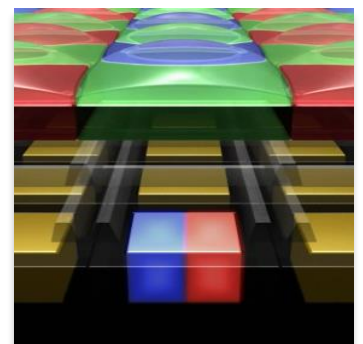**Canon**

REDEFINE WHAT YOU THOUGHT POSSIBLE

DGO
Dual Gain Output

The C300 Mark III features a DGO (Dual Gain Output) sensor offering broad-ranging tonality exceeding 16 stops.

DiG!C DV7

The newly developed DIGIC DV7 image processor boasting high data processing power while suppressing noise has been adopted.

Cinema RAW Light
XF-AVC

Cinema RAW Light 4K RAW 12 / 10 bit

XF-AVC 4K YCC422 10 bit

Support for two file formats, enables card recording for easier data ingestion, and makes 4K and HDR recording more accessible.

CFexpress 2.0 Type B

CFexpress and SD cards (UHS-II) allow high-speed, stress-free transfer of high-quality image data and makes data ingestion easier.

120fps 4K RAW
120fps 4K
180fps 2K(Crop)

120fps available when recording in 4K Cinema RAW Light. Detailed settings from 12fps to a maximum 180fps:2K (crop) are possible, realising greater emotion in visual expression.

Dual Pixel CMOS AF

Ground-breaking AF technology that uses a CMOS sensor with a construction that combines the functions of both imaging and phase difference AF.

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REDEFINE WHAT YOU THOUGHT POSSIBLE

High Frame Rate Support

Sensor mode	Frame Rate	Shooting Frame Rate
Super 35	59.94p	15, 30, 44, 48, 52, 56, **60**, 90, 120
	29.97p	15, 22, 24, 26, 28, **30**, 32, 36, 40, 44, 48, 52, 56, 60, 90, 120
	23.98p	12, 16, 18, 20, 22, **24**, 26, 28, 30, 32, 36, 40, 44, 48, 52, 56, 60, 72, 96, 120
	24.00p	12, 16, 18, 20, 22, **24**, 26, 28, 30, 32, 36, 40, 44, 48, 52, 56, 60, 72, 96, 120
	50.00p	15, 25, 34, 38, 42, 46, **50**, 54, 58, 60, 75, 100, 120
	25.00p	15, 17, 19, 21, 23, **25**, 26, 28, 30, 34, 38, 42, 46, 50, 54, 58, 60, 75, 100, 120
Super 16	59.94p	15, 30, 44, 48, 52, 56, **60**, 90, 120, 150, 180
	29.97p	12, 15, 22, 24, 26, 28, **30**, 32, 36, 40, 44, 48, 52, 56, 60, 90, 120, 150, 180
	23.98p	12, 16, 18, 20, 22, **24**, 26, 28, 30, 32, 36, 40, 44, 48, 52, 56, 60, 72, 96, 120, 144, 168, 180
	24.00p	12, 16, 18, 20, 22, **24**, 26, 28, 30, 32, 36, 40, 44, 48, 52, 56, 60, 72, 96, 120, 144, 168, 180
	50.00p	15, 25, 34, 38, 42, 46, **50**, 54, 58, 60, 75, 100, 120, 150, 175, 180
	25.00p	15, 17, 19, 21, 23, **25**, 26, 28, 30, 34, 38, 42, 46, 50, 54, 58, 60, 75, 100, 120, 125, 150, 175, 180

Dual pixel CMOS AF support

Lightweight - Compact Body

148 mm

153 mm

168 mm

At just 1,750 grams the C300 Mark III has a highly expandable body which can be combined with a variety of shooting accessories.

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REDEFINE WHAT YOU THOUGHT POSSIBLE

12G-SDI and HDMI Terminals

REMOTE A Terminal
MON. Terminal
HDMI Terminal
SDI OUT Terminal
MIC Terminal
TIME CODE Terminal
Headphone Terminal
INPUT 1 Terminal
INPUT 2 Terminal
DC IN 12V Terminal

Featuring 12G-SDI and HDMI terminals for better handling at shooting sites and other locations. This makes connecting to a display or external recorder easier.

Anamorphic Lens Support

Anamorphic lenses enable one-of-a-kind visual expression and are supported on both the EF/PL mount.

Faster Focus with Touch Panel

When used with the LCD Monitor LM-V2 with touch panel support, the Dual Pixel CMOS AF provides sophisticated focusing with a single operator.

Supports Two HDR Methods

When recording in XF-AVC (4:2:2 10 bit), select "HLG" or "PQ" with custom picture (CP) preset / gamma setting.
HDR video can be recorded with just one selection on the menu.

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Modular Design with Outstanding Flexibility

OLED
Electronic
Viewfinder
EVF-V50

Mount Kit
CM-V1

Mount Kit
PM-V1

Extension Unit 1
EU-V1

Extension Unit 2
EU-V2

Optional Extension Units to Suit Multiple Applications

GENLOCK/
SYNC OUT

REMOTE B
(RS422)

Ethernet

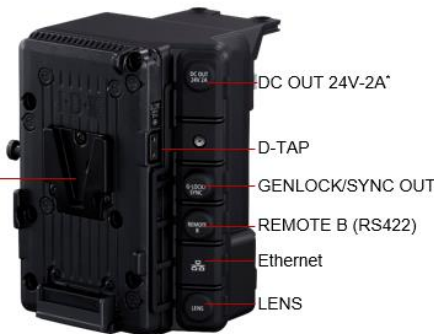Tilting 0.46" approx. 1.77 million dot
OLED EVF

DC OUT 24V-2A*

D-TAP

V-mount battery
attachment area

GENLOCK/SYNC OUT

REMOTE B (RS422)

Ethernet

LENS

Extension Unit 1

Supports remote operation of the camera.
This is ideal for multi-camera shooting or
special equipment such as gimbals,
cranes, and drones.

Extension Unit 2

Adding various input and output terminals
and attachment of a standard V-mount
battery. CINE-SERVO or B4 lenses
connected to the LENS terminal can be
controlled from the camera.

EVF-V50 OLED

The 0.46" OLED viewfinder unit offers
outstanding visibility. Ideal for single-
operator applications such as
documentaries or outdoor interviews.

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SUPPORTS MULTIPLE OPTIONAL ACCESSORIES FOR VARIOUS APPLICATIONS

User Interchangeable Mounts

PL
EF-C
EF

CM-V1
EF cinema lock mount

PM-V1
PL mount kit

Optional mount kits (sold separately), users can interchange EF cinema lock mounts and PL mounts on their own.

OLED Viewfinder EVF-V70

This high performance EVF offers industry-standard operability and quality worthy of a top-end cinema camera.
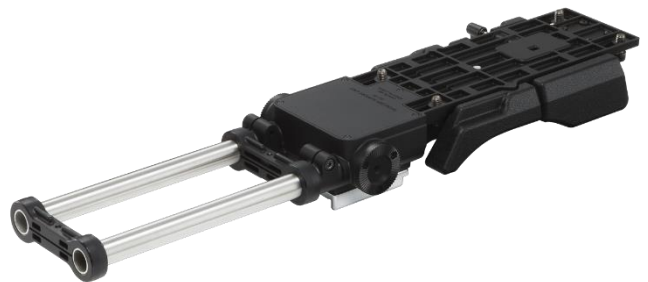
Shoulder-Style Grip Unit SG-1

The grip supports 12-pin lens connector to enable power supply from the main body. Set REC, zoom, and iris/aperture easily from right in front of you.

Shoulder Support Unit SU-15

This official Canon shoulder rig is designed for better balance and comfort when shooting from the shoulder.

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Technical Specifications

C300 Mark III	
Sensor size	Super 35mm
Dynamic range	16+ stops - when DGO (Dual Gain Output) sensor driving*
Resolution	4K
Mount	EF mount EF-CL／PL (Optional. User interchangeable) B4 (optional support)
Recording format	Cinema RAW Light (internal recording) XF-AVC
Recording mode	Cinema RAW Light 4K, 2K 10/12 bit 4K, 2K 422 10 bit 2K Crop 422 10 bit
HFR	4K 120fps, 2K 120fps (4K 60fps DGO sensor) 2KCrop 180fps
Gamma	Log 2 / Log 3 PQ / HLG BT.709 Wide DR
Recording media	CFexpress 2.0 Type B x 2, SD Card (UHS-II) x 1
ND *with extension	Clear, 2, 4, 6, 8*, 10* stops
AF/Focus Guide	YES (Dual Pixel CMOS AF/ Dual Pixel Focus Guide)
SDI	12G-SDI x 1, 3G-SDI x 1
HDMI	YES (4K)
Time code / GenLocK	Yes / (optional)
Ethernet	Extension unit 1/2
Wireless	Wireless File Transmitter WFT-E9
EF mount EF mount (Cinema Lock) PL mount B4 mount	Yes (optional/user interchangeable) (optional/user interchangeable) (optional)
Weight (body only)	approx. 3.9 lbs. / 1750 g

* DGO sensor supports up to 4K 60P

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Technical Specifications

C300 Mark III Recording Mode List

Sensor mode	Recording format	Recording resolution		Bitrate	Frame rate	S & F	Max. bitrate (S & F)	Recording media
Super35 (4K non-additive)	Cinema RAW Light 12 / 10 bit	4096 x 2160		1G bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	61 - 120 fps	2.1G bps	CFexpress
	XF-AVC 4:2:2 10 bit All-I / LongGOP	4096 x 2160 3840 x 2160		810M / 410M / 260M / 160M bps			2G bps	
		Over sampling	2048 x 1080	310M / 160M / 50M bps				
			1920 x 1080	310M / 160M / 50Mbps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i	-	-	
			1280 x 720 (Long GOP only)	24M bps	59.94p, 50.00p	-	-	
	XF-AVC 4:2:0 8 bit L-GOP	Over sampling	2048 x 1080	35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	61 - 120 fps	120M bps	SD UHS-II
			1920 x 1080	35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i	-	-	
			1280 x 720	17M bps	59.94p, 50.00p	-	17M bps	
Super35 (4K DGO Sensor)	Cinema RAW Light 12 / 10 bit	4096 x 2160		1G bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	12 - 60 fps	2.1G bps	CFexpress
	XF-AVC 4:2:2 10 bit All-I / LongGOP	4096 x 2160 3840 x 2160		810M / 410M / 260M /160M bps			1G bps	
		Over sampling	2048 x 1080	310M / 160M / 50M bps				
			1920 x 1080	310M / 160M / 50M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i	-	-	
			1280 x 720 (Long GOP only)	24M bps	59.94p, 50.00p	-	-	
	XF-AVC 4:2:0 8 bit L-GOP	Over sampling	2048 x 1080	35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	12 - 60 fps	60M bps	SD UHS-II
			1920 x 1080	35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i			
			1280x720	17M bps	59.94p, 50.00p	-	-	
Super16 (2K crop non-additive)	Cinema RAW Light 12 / 10 bit	2048 x 1080		250M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	113 - 180 fps	1.9G bps	CFexpress
	XF-AVC 4:2:2 10 bit All-I / LongGOP			310M / 160M / 50M bps			1.2G bps	
		1920 x 1080		310M / 160M / 50M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i	-	-	
		1280 x 720 (Long GOP only)		24M bps	59.94p, 50.00p	-	-	
	XF-AVC 4:2:0 8 bit L-GOP	2048 x 1080		35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	113 - 180 fps	180M bps	SD UHS-II
		1920 x 1080		35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i	-	-	
		1280 x 720		17M bps	59.94p, 50.00p	-	-	
Super16 (2K DGO)	Cinema RAW Light 12 / 10 bit	2048 x 1080		250M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	12 - 112 fps	1G bps	CFexpress
	XF-AVC 4:2:2 10 bit All-I / LongGOP			310M / 160M / 50M bps			200M bps	
		1920 x 1080		310M / 160M / 50M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i	-	-	
		1280 x 720 (Long GOP only)		24M bps	59.94p, 50.00p	-	-	
	XF-AVC 4:2:0 8 bit L-GOP	2048 x 1080		35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p	12 - 112 fps	100M bps	SD UHS-II
		1920 x 1080		35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p,			
					59.94i, 50.00i	-	-	

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