

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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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	Over sampling	4096 x 2160 3840 x 2160			810M / 410M / 260M / 160M bps		59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p, 59.94i, 50.00i	2G bps
			2048 x 1080	310M / 160M / 50M bps	-				
		1280 x 1080	310M / 160M / 50Mbps	-					
		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	Over sampling	4096 x 2160 3840 x 2160				810M / 410M / 260M / 160M bps	
2048 x 1080				310M / 160M / 50M bps	-				
1920 x 1080			310M / 160M / 50M bps	-					
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		Over sampling			310M / 160M / 50M bps		
	1920 x 1080		310M / 160M / 50M bps		-				
	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	113 - 180 fps		180M bps
		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		Over sampling			310M / 160M / 50M bps		
			1920 x 1080		310M / 160M / 50M bps	-			
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 - 112 fps	100M bps	
		1920 x 1080		35M / 24M bps	59.94p, 50.00p, 29.97p, 25.00p, 23.98p, 24.00p, 59.94i, 50.00i	-	-		