

EOS C300 Mark III

EOS C500 Mark II

Digital Cinema Camera

Firmware ver. 1.0.0.1 (C300 Mk III)
ver. 1.0.2.1 (C500 Mk II)

Specifications

C300 Mark III / C500 Mark II

System

- Recording System

Clips:

RAW

Video format: Cinema RAW Light
 Audio format: Linear PCM, 24 bit, 48 kHz, 4 channels
 File format: CRM (Canon RAW Movie; Canon proprietary file format)

XF-AVC

Video compression: MPEG-4 AVC/H.264
 Audio format: Linear PCM, 24 bit, 48 kHz, 4 channels
 File format: MXF

Photos: DCF (Design rule for Camera File system), compatible with Exif Ver. 2.31, JPEG compression

- Video Configuration (recording/playback)

Primary clips:

RAW

	C300 Mk III	C500 Mk II
Bit rate:	1 Gbps, 250 Mbps	2.1 Gbps, 1 Gbps, 250 Mbps
Resolution:	4096x2160, 2048x1080	5952x3140, 4096x2160, 2048x1080
Color bit depth:	10 bit or 12 bit (depending on the frame rate)	
Frame rate:	59.94P, 50.00P, 29.97P, 23.98P, 25.00P, 24.00P	

XF-AVC

Bit rate:	810 Mbps, 410 Mbps, 310 Mbps, 160 Mbps / Intra-frame 260 Mbps, 160 Mbps, 50 Mbps, 24 Mbps / Long GOP
Resolution:	4096x2160, 3840x2160, 2048x1080, 1920x1080, 1280x720
Color sampling:	YCbCr 4:2:2, 10 bit
Frame rate:	59.94P, 59.94i, 50.00P, 50.00i, 29.97P, 23.98P, 25.00P, 24.00P

Proxy clips:

XF-AVC

Bit rate:	35 Mbps, 24 Mbps, 17 Mbps / Long GOP
Resolution:	2048x1080, 1920x1080, 1280x720
Color sampling:	YCbCr 4:2:0, 8 bit
Frame rate:	59.94P, 50.00P, 29.97P, 23.98P, 25.00P, 24.00P

- Recording Media (not included)

For approximate recording times, refer to the *Reference Tables* (□ 228)

Primary clips: CFexpress cards compliant with CFexpress 2.0 Type B specifications (2 slots)

Proxy clips and photos: SD, SDHC (SD High Capacity) or SDXC (SD eXtended Capacity) cards¹

¹ The SD card is used also to save/read other files in addition to proxy files.

- Image Sensor

C300 Mk III Super 35mm-equivalent CMOS sensor

Effective pixels (approximate, with [Super 35mm] sensor mode):
 8,850,000 pixels (4096x2160) when the resolution is 4096x2160 or 2048x1080
 8,290,000 pixels (3840x2160) when the resolution is 3840x2160 or 1920x1080

C500 Mk II Full frame CMOS sensor

Effective pixels (approximate, with [Full Frame] sensor mode):
 18,690,000 pixels (5952x3140) when the resolution is 5952x3140, 4096x2160 or 2048x1080
 17,520,000 pixels (5580x3140) when the resolution is 3840x2160 or 1920x1080

- **Lens Mount**

Canon EF mount compatible with Canon EF lenses (including EF-S lenses and EF Cinema lenses)
Lens mount shim thickness: 0.3 mm

- **Approximate lens multiplication factor (for 35mm equivalent focal length)**

C500 Mk II [Full Frame] sensor mode:

1.056 when the horizontal resolution is 3840 or 1920
1.000 for other resolution settings

C300 Mk III [Super 35mm], **C500 Mk II** [Super 35mm (Cropped)] sensor mode:

1.460 when the horizontal resolution is 4096 or 2048
1.534 when the horizontal resolution is 3840 or 1920

[Super 16mm (Cropped)] sensor mode:

2.920 when the horizontal resolution is 2048
3.069 when the horizontal resolution is 1920

- **Lens Correction**

Peripheral illumination/chromatic aberration/diffraction correction is available for Canon EF lenses, EF Cinema lenses and broadcast lenses²

² Some lenses are not compatible with in-camera correction.

- **Shutter Speed**

Speed (1/3-stop increments, 1/4-stop increments), angle, clear scan, slow, off

- **Iris**

Manual (1/2-stop increments, 1/3-stop increments, fine adjustment available), push auto iris, automatic aperture

- **ISO Speed/Gain**

ISO Speed

Main recording format set to RAW: ISO 100³ to ISO 400³, ISO 800 to ISO 25600, ISO 51200³, ISO 102400³

Main recording format set to XF-AVC: ISO 100³, ISO 160 to ISO 25600, ISO 51200³, ISO 102400³

Gain

Main recording format set to RAW: -6 dB³ to 9 dB³, 12 dB to 42 dB, 45 dB³ to 54 dB³

Main recording format set to XF-AVC: -6 dB³ to -3 dB³, -2 dB to 42 dB, 45 dB³ to 54 dB³

³ With extended ISO/Gain range and 1 stop increments (ISO speed) or [Normal] increments (gain).

- **ND Filter:** Built-in (Off, 2, 4, 6, 8⁴ or 10⁴ stops), motor operated

⁴ With extended ND range.

- **Exposure:** AE shift, light metering modes (standard, spotlight, backlight)

- **White Balance**

Custom white balance (two sets, A and B); two preset settings (daylight, 5,600 K⁵ and tungsten lamp, 3,200 K⁵); color temperature setting (2,000 K to 15,000 K); automatic white balance (AWB)

Color temperature and color compensation (CC) adjustment available for all settings except custom white balance and AWB.

⁵ Color temperatures are approximate and given only as a reference.

- **Focus**

Manual focus, autofocus (one-shot AF, AF-boosted MF, continuous AF, Face AF); face detection and subject tracking available

AF type: Dual Pixel CMOS AF, contrast-detection AF

- **Sensor Sensitivity (ISO 800, 2000 lux, 89.9% reflection)**

59.94 Hz: F10 (2048x1080 at 59.94P), F14 (1920x1080 at 29.97P)

50.00 Hz: F11 (2048x1080 at 50.00P), F16 (1920x1080 at 25.00P)

- **Built-in Microphone:** Monaural electret condenser microphone

- **Size of Photos:** 4096x2160, 3840x2160, 2048x1080, 1920x1080

Terminals

- **SDI OUT Terminal, MON. Terminal**
 BNC jack, output only, 0.8 Vp-p / 75 Ω , unbalanced
 HD-SDI: SMPTE 292, SMPTE ST 299-1
 3G-SDI: SMPTE 424, SMPTE 425, SMPTE ST 299-2
 6G-SDI: SMPTE ST 2081
 12G-SDI: SMPTE ST 2082
 - Embedded audio, time code (VITC/LTC).
 - LUTs can be applied (BT.709, BT.2020, DCI, PQ, HLG, ACESproxy and up to 4 user-defined LUTs).
 - MON. terminal only: Assistance displays can also be output (onscreen displays, peaking, zebra pattern, magnification, B&W image, video scope, false color, anamorphic desqueeze).
- **HDMI OUT Terminal**
 HDMI connector, output only
 - LUTs can be applied (BT.709, BT.2020, DCI, PQ, HLG, ACESproxy and up to 4 user-defined LUTs) and assistance displays can be output (onscreen displays, peaking, zebra pattern, magnification, B&W image, video scope, false color, anamorphic desqueeze).
- **VIDEO Terminal**
 Proprietary connector for the supplied LM-V2 LCD Monitor, optional LM-V1 LCD Monitor, or optional EVF-V70 OLED Electronic Viewfinder; output only
 - LUTs can be applied (BT.709, HDR Assist. 1600% or 400% and up to 4 user-defined LUTs) and assistance displays can be output (onscreen displays, peaking, zebra pattern, magnification, B&W image, video scope, false color, anamorphic desqueeze).
- **INPUT Terminals (INPUT 1 and INPUT 2)**
 XLR 3-pin jack (pin1: shield, pin2: hot, pin3: cold), 2 sets, balanced
Analog Inputs
 Sensitivity:
 MIC setting: -60 dBu (volume center, full scale -18 dB) / 600 Ω , microphone attenuator: 20 dB
 LINE setting: 4 dBu (volume center, full scale -18 dB) / 10 k Ω
Digital Inputs (AES/EBU)
 AES3 standard (48 kHz, 24 bit, 2ch) / 110 Ω
- **MIC Terminal**
 \varnothing 3.5 mm stereo mini-jack, -65 dBV (volume center, full scale -12 dB) / 1.5 k Ω
 Microphone attenuator: 20 dB
 Plug-in power supply: 2.4 V DC (bias resistance 2.2 k Ω)
- **🎧 (Headphone) Terminal**
 \varnothing 3.5 mm stereo mini-jack, -17 dBV (32 Ω load, Max volume) / 50 Ω or less
- **TIME CODE Terminal**
 BNC jack, input/output
 Input setting: 0.5 Vp-p to 18 Vp-p / 100 k Ω ; Output setting: 1.3 Vp-p / 50 Ω or less
- **USB Terminal**
 mini-B receptacle, Hi-Speed USB, input only
- **REMOTE A Terminal**
 \varnothing 2.5 mm stereo sub-mini jack
- **GRIP Terminal**
 Proprietary connector for the camera grip unit connection plug
- **Expansion Unit Connector**
 Proprietary connector for optional accessories
- **System Expansion Terminal**
 Proprietary connector for optional accessories

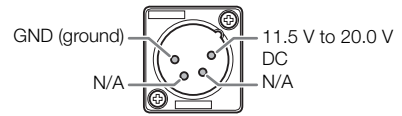
Power/Others

- **Power Supply (rated)**

Battery pack: 14.4 V DC

DC IN 12V terminal:

XLR 4-pin jack (male connector), 11.5 V to 20.0 V DC, 10 A
(acceptable maximum load current)



- **Power Consumption**

Values measured recording on a CFexpress card (double slot recording turned off), using an EF 50mm f/1.8 lens, LM-V2 LCD Monitor and with output from the SDI OUT terminal and MON. terminal active.

C300 Mk III

RAW

Approx. 31.0 W (Super 35mm sensor, 4096x2160 at 59.94P/50.00P)

Approx. 28.7 W (Super 16mm (cropped), 2048x1080 at 59.94P/50.00P)

XF-AVC

Approx. 31.2 W (Super 35mm sensor, 4096x2160 at 59.94P/50.00P)

Approx. 28.7 W (Super 16mm (cropped), 2048x1080 at 59.94P/50.00P)

C500 Mk II

RAW

Approx. 34.0 W (Full frame sensor, 5952x3140 at 59.94P/50.00P)

Approx. 28.0 W (Super 16mm (cropped), 2048x1080 at 59.94P/50.00P)

XF-AVC

Approx. 33.4 W (Full frame sensor, 4096x2160 at 59.94P/50.00P)

Approx. 28.0 W (Super 16mm (cropped), 2048x1080 at 59.94P/50.00P)

Maximum power consumption: 63 W

- **Operating Temperature:** 0 – 40 °C (32 – 104 °F)
- **Dimensions (W x H x D)⁶**
Camera body only: 153 x 148 x 168 mm (6.0 x 5.8 x 6.6 in.)
Camera and camera grip: 183 x 148 x 189 mm (7.2 x 5.8 x 7.4 in.)
Camera with all supplied accessories*: 343 x 277 x 333 mm (13.5 x 10.9 x 13.1 in.)
* Camera, handle unit, LCD monitor and attachment unit, camera grip and microphone holder.
- **Weight⁶**
Camera body only: 1,750 g (3.9 lb.)

Accessories

LM-V2 LCD Monitor

- **LCD Screen**
10.9 cm (4.3 in.) color LCD, 16:9 aspect ratio, approx. 2,760,000 dots, 100% coverage, capacitive touch screen operation
- **VIDEO Terminal**
Proprietary connector for connection to the camera; input only
- **Dimensions⁶ (W x H x D):** 133 x 87 x 38 mm (5.2 x 3.4 x 1.5 in.)
- **Weight⁶:** 204 g (7.2 oz.)

LA-V2 LCD Attachment Unit

Includes pivots that allow for rotation

- **Dimensions⁶ (W x H x D):** 156 x 117 x 75 mm (6.1 x 4.6 x 3.0 in.)
- **Weight⁶:** 265 g (9.3 oz.)

GR-V1 Camera Grip

Modular unit can be attached at any of 24 positions (6° intervals); includes limited recording controls.

- **Dimensions⁶ (W x H x D):** 60 x 124 x 75 mm (2.4 x 4.9 x 3.0 in.)
- **Weight⁶:** 260 g (9.2 oz.)

⁶ All dimensions and weights are approximate.

CG-A20 Battery Charger

- **Rated Input:** 24 V DC, 1.8 A
- **Rated Output:** 16.7 V DC, 1.5 A
- **Operating Temperature:** 0 – 40 °C (32 – 104 °F)
- **Dimensions⁶ (W x H x D):** 100 x 24 x 100 mm (3.9 x 0.9 x 3.9 in.)
- **Weight⁶:** 145 g (5.1 oz.)

CA-CP200 B Compact Power Adapter (for the CG-A20)

- **Rated Input:** 100 – 240 V AC, 50/60 Hz, 90 VA (100 V AC) – 120 VA (240 V AC)
- **Rated Output:** 24 V DC, 1.8 A
- **Operating Temperature:** 0 – 40 °C (32 – 104 °F)
- **Dimensions⁶ (W x H x D):** 67.5 x 37 x 134 mm (2.7 x 1.5 x 5.3 in.)
- **Weight⁶:** 290 g (10.2 oz.)

BP-A60 Battery Pack

- **Battery Type:** Rechargeable lithium ion battery, compatible with Intelligent System
- **Rated Voltage:** 14.4 V DC
- **Rated Battery Capacity:** 6,200 mAh / 90 Wh
- **Operating Temperature:** 0 – 40 °C (32 – 104 °F)
- **Dimensions⁶ (W x H x D):** 41.5 x 82.5 x 69.7 mm (1.6 x 3.2 x 2.7 in.)
- **Weight⁶:** 434 g (15.3 oz.)

⁶ All dimensions and weights are approximate.

Reference Tables

Approximate Recording Time on a Card

Approximate times, for reference only, based on a single recording that continues until the card is full. Recording times are determined by the bit rate used, which in turn is determined by various video configuration settings (□ 63). See the tables on the reference page for details.

Primary clips (CFexpress card)

Main recording format and bit rate		512 GB
RAW	C500 Mk II 2.1 Gbps	30 min.
	1 Gbps	64 min.
	250 Mbps	256 min.
XF-AVC	810 Mbps Intra-frame	79 min.
	410 Mbps Intra-frame	156 min.
	310 Mbps Intra-frame	207 min.
	160 Mbps Intra-frame	401 min.
	260 Mbps Long GOP	246 min.
	160 Mbps Long GOP	401 min.
	50 Mbps Long GOP	1284 min.
	24 Mbps Long GOP	2675 min.

Proxy clips (XF-AVC, SD card)

Bit rate	32 GB	64 GB	128 GB	256 GB	512 GB
35 Mbps Long GOP	115 min.	240 min.	485 min.	970 min.	1945 min.
24 Mbps Long GOP	170 min.	350 min.	705 min.	1415 min.	2840 min.
17 Mbps Long GOP	245 min.	495 min.	995 min.	2000 min.	4010 min.

Charging Times

Charging times are approximate and vary according to charging conditions, ambient temperature and initial charge of the battery pack.

Battery pack	BP-A30 (optional)	BP-A60 (supplied)
Charging time using the supplied CG-A20 Battery Charger	170 min.	300 min.

Approximate Usage Times with a Fully Charged Battery Pack

The recording times in the tables below are approximate and were measured recording on a CFexpress card (double slot recording turned off), using an EF 50mm f/1.8 lens, LM-V2 LCD Monitor and with output from the SDI OUT terminal and MON. terminal active. Actual times may vary.

C300 Mk III

Video configuration			Recording times	
Sensor mode	Resolution and frame rate	Bit rate	BP-A30 (optional)	BP-A60 (supplied)
RAW clips				
Super 35mm	4096x2160 at 59.94P/50.00P	1 Gbps	55 min.	130 min.
Super 16mm (cropped)	2048x1080 at 59.94P/50.00P	250 Mbps	60 min.	140 min.
XF-AVC clips				
Super 35mm	4096x2160 at 59.94P/50.00P	810 Mbps	55 min.	130 min.
Super 16mm (cropped)	2048x1080 at 59.94P/50.00P	310 Mbps	60 min.	140 min.

C500 Mk II

Video configuration			Recording times	
Sensor mode	Resolution and frame rate	Bit rate	BP-A30 (optional)	BP-A60 (supplied)
RAW clips				
Full frame	5952x3140 at 59.94P/50.00P	2.1 Gbps	50 min.	115 min.
Super 16mm (cropped)	2048x1080 at 59.94P/50.00P	250 Mbps	60 min.	150 min.
XF-AVC clips				
Full frame	4096x2160 at 59.94P/50.00P	810 Mbps	50 min.	125 min.
Super 16mm (cropped)	2048x1080 at 59.94P/50.00P	310 Mbps	60 min.	150 min.

Appendix: Compatible Lenses and Functions

Following is a list of lenses compatible with this camera and the various functions that can be used depending on the lens. Depending on the lens's purchase date, you may need to update the lens's firmware to use these functions. For details, visit your local Canon website or consult a Canon Service Center.

PL mount lenses and the optional MO-4P B4 Mount Adapter can only be used after replacing the camera's lens mount with a PL mount using the optional PM-V1 PL Mount Kit.

Lens	12-pin interface cable	B4 mount adapter ¹	Iris control from the camera			Zoom control from the camera
			Manual	Push auto iris	Automatic	
EF lenses			●	●	–	–
EF lenses compatible with auto iris			●	●	●	● ²
EF Cinema lenses						
CN7x17 KAS S/E1	Required		●	●	●	●
CN7x17 KAS S/P1	Required		●	●	●	●
CN10x25 IAS S/E1	Required		●	●	●	●
CN10x25 IAS S/P1	Required		●	●	●	●
CN20x50 IAS H/E1	Required		●	●	●	●
CN20x50 IAS H/P1	Required		●	●	●	●
CN-E18-80mm T4.4 L IS KAS S, CN-E70-200mm T4.4 L IS KAS S			●	●	●	●
Prime lenses compatible with focus guide			–	–	–	–
Broadcast lenses	Required	Required	●	●	●	●

¹ Optional MO-4E or MO-4P B4 Mount Adapter.

² Only lenses compatible with the optional PZ-E1 Power Zoom Adapter.

Lens	Focus control from the camera					Focus guide
	Manual	One-shot AF	Continuous AF	Face AF	Tracking	
EF lenses	●	●	●	●	●	●
CE300MkIII When slow & fast motion recording is activated while using one of the following lenses*: EF24-105mm f/3.5-5.6 IS STM EF70-300mm f/4-5.6 IS II USM EF-S10-18mm f/4.5-5.6 IS STM EF-S18-55mm f/3.5-5.6 IS STM EF-S18-55mm f/4-5.6 IS STM EF-S18-135mm f/3.5-5.6 IS STM EF-S18-135mm f/3.5-5.6 IS USM EF-S35mm f/2.8 MACRO IS STM EF-S55-250mm f/4-5.6 IS STM	●	-	-	-	-	●
EF Cinema lenses						
CN7x17 KAS S/E1	●	●	●	●	●	●
CN7x17 KAS S/P1	●	-	-	-	-	-
CN10x25 IAS S/E1	●	●	●	●	●	●
CN10x25 IAS S/P1	●	-	-	-	-	-
CN20x50 IAS H/E1	●	-	-	-	-	-
CN20x50 IAS H/P1	●	-	-	-	-	-
CN-E18-80mm T4.4 L IS KAS S, CN-E70-200mm T4.4 L IS KAS S	●	●	●	●	●	●
Prime lenses compatible with focus guide	-	-	-	-	-	●
Broadcast lenses	●	-	-	-	-	-

* However, when a lens not listed above is used, autofocus functions can be used during slow & fast motion recording if the shooting frame rate is set to one of the following values: 24, 25, 30, 48, 50, 60, 100, 120 (fps).

- Broadcast lenses:

CJ14ex4.3B IRSE S / IASE S
CJ15ex4.3B IASE S
CJ18ex7.6B IRSE S / IASE S
CJ24ex7.5B IRSE S / IASE S
CJ25ex7.6B IASE S
CJ45ex9.7B IASE-V H
CJ45ex13.6B IASE-V H

HJ14ex4.3B IASE S
HJ17ex7.6B IASE S
HJ18ex7.6B IASE S
HJ22ex7.6B IASE S
HJ24ex7.5B IASE S

- EF lenses compatible with auto iris:

EF24-105mm f/3.5-5.6 IS STM
EF70-200mm f/4L IS II USM
EF70-300mm f/4-5.6 IS II USM
EF85mm f/1.4L IS USM
EF400mm f/2.8L IS III USM
EF600mm f/4L IS III USM

EF-S10-18mm f/4.5-5.6 IS STM
EF-S18-55mm f/3.5-5.6 IS STM
EF-S18-55mm f/4-5.6 IS STM
EF-S18-135mm f/3.5-5.6 IS STM
EF-S18-135mm f/3.5-5.6 IS USM
EF-S35mm f/2.8 MACRO IS STM
EF-S55-250mm f/4-5.6 IS STM


- Prime lenses compatible with focus guide:

CN-E14mm T3.1 L F
CN-E20mm T1.5 L F
CN-E24mm T1.5 L F
CN-E35mm T1.5 L F

CN-E50mm T1.3 L F
CN-E85mm T1.3 L F
CN-E135mm T2.2 L F


Selecting the Frame Rate

When shooting RAW clips, the frame rate will determine also the color depth. Refer to the following tables. This procedure is not necessary when the system frequency is set to 24.00 Hz.

- 1 Select **MENU** > [ Recording/Media Setup] > [Frame Rate].
- 2 Select the desired option.
 - The selected frame rate will appear at the top of the screen.

Selecting the Bit Rate

This setting is only available for XF-AVC clips, depending on the resolution used. For RAW clips and when **MENU** > [ Recording/Media Setup] > [Resolution/Color Sampling] is set to [1280x720 YCC422 10 bit], the bit rate is determined automatically.

- 1 Select **MENU** > [ Recording/Media Setup] > [Bit Rate].
- 2 Select the desired option.

Available video configuration settings (RAW)

Sensor mode	Resolution	Color depth	Bit rate*	System frequency/Frame rate		
				59.94 Hz		
				59.94P	29.97P	23.98P
C500 Mk II Full frame	5952x3140	10 bit	2.1 Gbps	●	–	–
		12 bit		–	●	●
C300 Mk III Super 35mm	4096x2160	10 bit	1 Gbps	●	–	–
C500 Mk II Super 35mm (cropped)		12 bit		–	●	●
Super 16mm (cropped)	2048x1080	10 bit	250 Mbps	●	–	–
		12 bit		–	●	●

Sensor mode	Resolution	Color depth	Bit rate*	System frequency/Frame rate		
				50.00 Hz		24.00 Hz
				50.00P	25.00P	24.00P
C500 Mk II Full frame	5952x3140	10 bit	2.1 Gbps	●	–	–
		12 bit		–	●	●
C300 Mk III Super 35mm	4096x2160	10 bit	1 Gbps	●	–	–
C500 Mk II Super 35mm (cropped)		12 bit		–	●	●
Super 16mm (cropped)	2048x1080	10 bit	250 Mbps	●	–	–
		12 bit		–	●	●

* The camera uses a variable bit rate (VBR).

Available video configuration settings (XF-AVC)

Sensor mode	Resolution/Color sampling		Bit rate*	System frequency/Frame rate			
				59.94 Hz			
				59.94P	59.94i	29.97P	23.98P
C300 Mk II Super 35mm C500 Mk II Full frame, Super 35mm (cropped)	4096x2160	YCbCr 4:2:2, 10 bit	810 Mbps, Intra-frame	●	-	-	-
			410 Mbps, Intra-frame	-	-	●	●
			260 Mbps, Long GOP	●	-	-	-
			160 Mbps, Long GOP	-	-	●	●
	3840x2160		810 Mbps, Intra-frame	●	-	-	-
			410 Mbps, Intra-frame	-	-	●	●
			260 Mbps, Long GOP	●	-	-	-
			160 Mbps, Long GOP	-	-	●	●
	2048x1080, 1920x1080		310 Mbps, Intra-frame	●	-	-	-
			160 Mbps, Intra-frame	-	●**	●	●
			50 Mbps, Long GOP	●	●**	●	●
			24 Mbps, Long GOP	●	-	-	-
1280x720	310 Mbps, Intra-frame	●	-	-	-		
	160 Mbps, Intra-frame	-	●**	●	●		
	50 Mbps, Long GOP	●	●**	●	●		
	24 Mbps, Long GOP	●	-	-	-		
Super 16mm (cropped)	2048x1080, 1920x1080	310 Mbps, Intra-frame	●	-	-	-	
		160 Mbps, Intra-frame	-	●**	●	●	
		50 Mbps, Long GOP	●	●**	●	●	
		24 Mbps, Long GOP	●	-	-	-	
1280x720	2048x1080, 1920x1080	310 Mbps, Intra-frame	●	-	-	-	
		160 Mbps, Intra-frame	-	●**	●	●	
		50 Mbps, Long GOP	●	●**	●	●	
		24 Mbps, Long GOP	●	-	-	-	

Sensor mode	Resolution/Color sampling		Bit rate*	System frequency/Frame rate			
				50.00 Hz			24.00 Hz
				50.00P	50.00i	25.00P	24.00P
C300 Mk II Super 35mm C500 Mk II Super 35mm (cropped)	4096x2160	YCbCr 4:2:2, 10 bit	810 Mbps, Intra-frame	●	–	–	–
			410 Mbps, Intra-frame	–	–	●	●
			260 Mbps, Long GOP	●	–	–	–
			160 Mbps, Long GOP	–	–	●	●
	3840x2160		810 Mbps, Intra-frame	●	–	–	–
			410 Mbps, Intra-frame	–	–	●	●
			260 Mbps, Long GOP	●	–	–	–
			160 Mbps, Long GOP	–	–	●	●
	2048x1080, 1920x1080		310 Mbps, Intra-frame	●	–	–	–
			160 Mbps, Intra-frame	–	●**	●	●
			50 Mbps, Long GOP	●	●**	●	●
	1280x720		24 Mbps, Long GOP	●	–	–	–
Super 16mm (cropped)	2048x1080, 1920x1080	310 Mbps, Intra-frame	●	–	–	–	
		160 Mbps, Intra-frame	–	●**	●	●	
	1280x720	50 Mbps, Long GOP	●	●**	●	●	
		24 Mbps, Long GOP	●	–	–	–	

* The camera uses a variable bit rate (VBR).

** Only when **MENU** > [ Recording/Media Setup] > [Resolution/Color Sampling] is set to [1920x1080 YCC422 10 bit].

 NOTES

- For details on the signal output from each terminal, refer to *Video Output Configuration* ( 143).