

EOS C400

REDEFINING VERSATILITY

The Canon EOS C400 redefines versatility – designed to excel in cinematic shooting, live broadcast, and virtual production.

- Full frame 6K BSI sensor
- Triple base ISO
- RF mount system
- Dual Pixel CMOS AF II
- 12-bit Cinema RAW Light LT / ST / HQ
- 4:2:2 10-bit XF-AVC / XF-AVC S / XF-HEVC S
- High Frame Rate Recording (8K 60 / 4K 120)
- Uncompromised Connectivity
- Adaptable in PL and EF Mount





Full frame 6K BSI sensor

Capture breathtaking footage with Canon's cutting-edge backside illuminated (BSI) sensor, delivering next-generation capabilities, triple base ISO (800 / 3200 / 12800), organic colour reproduction, and 16 stops of dynamic range.



Dual Pixel CMOS AF II with EOS iTR AF X

Enjoy updated, faster auto focus technology. Pin-sharp and ultra-responsive face, eye, head, body, and animal tracking covering the full sensor. Have full control with face-only recognition and customisable settings to help ensure your focus never slips.



Professional recording formats and high frame rates

Including 12-bit Cinema RAW Light LT / ST / HQ up to 6K 60P, and 4K 120P. Oversampled 4K 4:2:2 10-bit is available via XF-AVC and improved XF-AVCS / XF-HEVC S (MP4) formats, all featuring detailed metadata and filename structures.



RF mount

Rely on cutting-edge prime, zoom, and cinema lenses for unrivalled optical performance, real-time lens metadata, and ultra-responsive AF / IS systems. Easily use your PL and EF lenses with a Canon mount adapter.



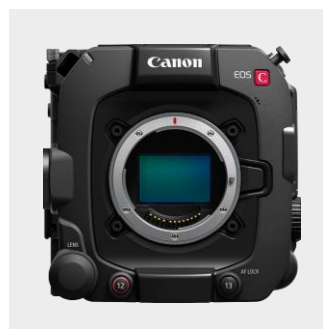
Uncompromised connectivity

On-body I/O including 12G-SDI, 3G-SDI, 2x mini-XLR, Mic In, Remote, Timecode, LENS, and Genlock / SYNC / Return. Built-in Wi-Fi / Ethernet enables real-time IP streaming (SRT / RTSP) and remote control via XC Protocol. Expandable with Canon's Multi-Function Shoe.

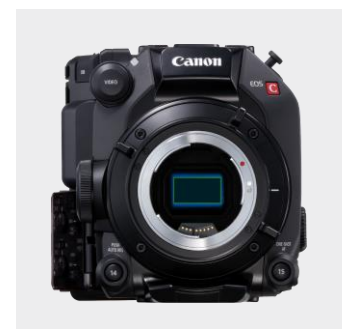
PRODUCT RANGE



EOS C500 Mk II



EOS C400



EOS C300 Mk III

TECHNICAL SPECIFICATIONS

EOS C400

IMAGE SENSOR		Recording Formats	
Sensor	Full Frame Back-Side Illuminated (BSI) CMOS sensor	Relay Recording³	Cinema RAW Light (CRM), XF-AVC (MXF), XF-AVC S (MP4), XF-HEVC S (MP4)
System	RGB primary color filter (Bayer array)	Double Slot (Simultaneous) Recording	Yes
Sensor Modes	Full Frame / Super 35mm (Crop) / Super 16mm (Crop)	Simultaneous Recording in Multiple Formats	Yes
Total Pixels	Approx. 26.67 megapixels (6202 x 4300)	System Frequency / Frame Rates	59.94 Hz mode (59.94P / 59.94i / 29.97P / 23.98P) 50.00 Hz mode (50.00P / 50.00i / 25.00P) 24.00 Hz mode (24.00P)
Effective Pixels	Approx. 19.05 megapixels (6008 x 3170) : When 6000 x 3164 / 4096 x 2160 / 2048 x 1080 is selected as the resolution Approx. 17.86 megapixels (5633 x 3170) : When 3840 x 2160 / 1920 x 1080 is selected as the resolution	Cinema RAW Light Bit Rate / Bit Depth (PAL)	12-bit Cinema RAW Light LT : FF / 6000 x 3164 / 50P [1160 Mbps] FF / 6000 x 3164 / 25P [576 Mbps] S35 / 4368 x 2304 / 50P [611 Mbps] S35 / 4368 x 2304 / 25P [306 Mbps] S16 / 2184 x 1152 / 50P [154 Mbps] S16 / 2184 x 1152 / 25P [77 Mbps]
Effective Sensor Screen Size	Full Frame: 38.4 x 20.2 mm (40.7 mm on the diagonal) : When 6000 x 3164 / 4096 x 2160 / 2048 x 1080 is selected as the resolution 36.0 x 20.2 mm (38.7 mm on the diagonal) : When 3840 x 2160 / 1920 x 1080 is selected as the resolution		12-bit Cinema RAW Light ST : FF / 6000 x 3164 / 50P [1780 Mbps] FF / 6000 x 3164 / 25P [886 Mbps] S35 / 4368 x 2304 / 50P [939 Mbps] S35 / 4368 x 2304 / 25P [470 Mbps] S16 / 2184 x 1152 / 50P [236 Mbps] S16 / 2184 x 1152 / 25P [118 Mbps]
Dynamic Range	Canon Log 2 : 1600% / 16 stops (at ISO 800) Canon Log 3 : 1600% / 14 stops (at ISO 800) Base ISO : 800 / 3200 / 12800		12-bit Cinema RAW Light HQ : FF / 6000 x 3164 / 25P [1800 Mbps] S35 / 4368 x 2304 / 50P [1910 Mbps] S35 / 4368 x 2304 / 25P [954 Mbps] S16 / 2184 x 1152 / 50P [479 Mbps] S16 / 2184 x 1152 / 25P [240 Mbps]
IMAGE PROCESSOR		XF-AVC Recording Bit Rate / Sampling (PAL / MXF)	4:2:2 10-bit (Intra-frame) : 4096 x 2160 or 3840 x 2160 / 50P [1000 / 750 / 500 Mbps] 4096 x 2160 or 3840 x 2160 / 25P [500 / 375 / 250 Mbps] 2048 x 1080 or 1920 x 1080 / 50P [250 Mbps] 2048 x 1080 or 1920 x 1080 / 50i [125 Mbps] 2048 x 1080 or 1920 x 1080 / 25P [125 Mbps]
Type	DIGIC DV7		4:2:2 10-bit (Long GOP) : 4096 x 2160 or 3840 x 2160 / 50P [250 Mbps] 4096 x 2160 or 3840 x 2160 / 25P [150 Mbps] 2048 x 1080 or 1920 x 1080 / 50P [50 Mbps] 2048 x 1080 or 1920 x 1080 / 50i [50 / 25 Mbps] 2048 x 1080 or 1920 x 1080 / 25P [50 Mbps]
LENS		XF-AVC S Recording Bit Rate / Sampling (PAL / MP4)	4:2:2 10-bit (Intra-frame) : 4096 x 2160 or 3840 x 2160 / 50P [1000 / 750 / 500 Mbps] 4096 x 2160 or 3840 x 2160 / 25P [500 / 375 / 250 Mbps] 2048 x 1080 or 1920 x 1080 / 50P [250 Mbps] 2048 x 1080 or 1920 x 1080 / 25P [125 Mbps]
Lens Mount	Canon RF mount PL mount support via PL-RF Mount Adapter EF mount support via EF-EOS R Mount Adapters		4:2:2 10-bit (Long GOP) : 4096 x 2160 or 3840 x 2160 / 50P [250 Mbps] 4096 x 2160 or 3840 x 2160 / 25P [150 Mbps] 2048 x 1080 or 1920 x 1080 / 50P [50 Mbps] 2048 x 1080 or 1920 x 1080 / 25P [50 Mbps]
Lens Magnification Factor	Full Frame; 4096 x 2160 or 2048 x 1080 : Actual focal length x Approx. 1.06 3840 x 2160 or 1920 x 1080 : Actual focal length x Approx. 1.12 Super 35mm (Crop); 4096 x 2160 or 2048 x 1080 : Actual focal length x Approx. 1.46 3840 x 2160 or 1920 x 1080 : Actual focal length x Approx. 1.54 Super 16mm (Crop); 2048 x 1080 : Actual focal length x Approx. 2.92 1920 x 1080 : Actual focal length x Approx. 3.07		4:2:0 8-bit (Long GOP) : 4096 x 2160 or 3840 x 2160 / 50P [150 Mbps] 4096 x 2160 or 3840 x 2160 / 25P [100 Mbps] 2048 x 1080 or 1920 x 1080 / 50P [35 Mbps] 2048 x 1080 or 1920 x 1080 / 25P [35 Mbps]
Digital Lens Correction	Peripheral Illumination Correction Chromatic Aberration Correction Diffraction Correction Distortion Correction (RF lenses only)		4:2:2 10-bit (Long GOP) : 4096 x 2160 or 3840 x 2160 / 50P [225 Mbps] 4096 x 2160 or 3840 x 2160 / 25P [135 Mbps] 2048 x 1080 or 1920 x 1080 / 50P [50 Mbps] 2048 x 1080 or 1920 x 1080 / 25P [50 Mbps]
ND Filter	2, 4 or 6 Stops. Up to 10 stops via built in ND filter system (in extended mode)	XF-HEVC S Recording Bit Rate / Sampling (PAL / MP4)	4:2:0 10-bit (Long GOP) : 4096 x 2160 or 3840 x 2160 / 50P [150 Mbps] 4096 x 2160 or 3840 x 2160 / 25P [100 Mbps] 2048 x 1080 or 1920 x 1080 / 50P [35 Mbps] 2048 x 1080 or 1920 x 1080 / 25P [35 Mbps]
Iris Control (EF Mount Lenses)	1/2-stop, 1/3-stop or FINE control Auto Iris		4:2:0 8-bit (Long GOP) : 2048 x 1080 or 1920 x 1080 35 / 16 / 9 Mbps] 1280 x 720 [6 Mbps]
Cooke /i Technology Support™	Only when equipped with Mount Adapter PL-RF	Proxy Recording Bit Rate / Sampling (PAL) ⁴	4:2:0 10-bit (Long GOP) : 2048 x 1080 or 1920 x 1080 [16 / 9 Mbps] 6K RAW : up to 60FPS 4K : up to 120FPS 4.3K RAW (S35 Crop) : up to 100FPS 2K (S16 Crop) : up to 180 FPS
Anamorphic Lens Support	x2.0 / x1.8 / x1.3		
Image Stabilization System	5-Axis Combination IS (Optical and Digital) with supported lenses Digital 5-Axis IS for non IS lenses.		
RECORDING			
Internal Recording Media¹	1x CFexpress 2.0 (Type-B) 1x SD Card (SD / SDHC / SDXC)		
Recording Time²	Cinema RAW Light LT : 6000 x 3164 576 Mbps : approx. 118 Mins Cinema RAW Light ST : 6000 x 3164 886 Mbps : approx. 77 Mins Cinema RAW Light HQ : 6000 x 3164 1800 Mbps : approx. 37 Mins XF-AVC : 4096 x 2160 500 Mbps : approx. 136 Mins XF-AVC S : 4096 x 2160 500 Mbps : approx. 136 Mins XF-HEVC S : 4096 x 2160 135 Mbps : approx. 505 Mins		
		Slow / Fast Motion⁵	

Interval Record	Yes	Default Function Button Settings	1. MAGN.
Frame Record	Yes		2. PEAKING
Pre Record (Cache Record) ⁶	3 Seconds		3. WFM
Digital Tele-converter	1.5x, 2x, 2.5x, 3x, Off		4. S&F
Photo Storage Media	SD Card		5. ISO / GAIN
Photo Recording Size ⁷	4096 x 2160 / 3840 x 2160 / 2048 x 1080 / 1920 x 1080		6. SHUTTER
			7. S&F FPS
			8. AUDIO STATUS
			9. WB
			10. SET WB
			11. FUNC
			12. (unassigned)
			13. AF LOCK
			13x (Body) / 3x (Hand Grip) / 2x (LCD Monitor)
SYSTEM		User Assignable Buttons	
Display Type	3.5 inch LCD Touch Panel		
Display Resolution	approx. 2.76 million dots (1280 x RGB x 720)		
Display Touch Screen Functions	Focus Point Selection Touch Screen UI for Shooting Settings	MISCELLANEOUS	
OSD for Vertical Shooting	Yes	Tally Lamp	Yes, 2x
Wave Form Monitor	Yes (Line / Line + Spot / RGB Parade / YPrPb Parade)	Custom Dial	Yes, 3x
		Software Application Support	Cinema RAW Development XF Utility EOS VR Utility Remote Camera Control Application RAW Plugin for Avid Media Access RAW Plugin for Final Cut Pro XF Plugin for Avid Media Access EOS VR Plugin for Adobe Premiere Pro CV Metadata Plugin for Adobe After Effects Live Link Plugin for Unreal Engine CV Metadata Extraction Tool MP4 Join Tool HEVC Activator Canon Multi-Camera Control Content Transfer Professional Browser Remote Control
False Colour Display (Exposure Indication)	Yes (6 Colour Index)		
Colour Bars	SMPTE / EBU / ARIB		
Peaking	Peaking 1, Peaking 2 (Colour, Gain, Frequency customisable)		
	Level 1; Level 2; Both		
Zebra	On / Off selectable: centre, horizontal / vertical, grid, aspect, safe area and user marker. Colour selectable		
Markers			
		Smartphone Application Support	
EVF			
Built-In EVF	No		
		EXPOSURE	
INPUTS / OUTPUTS		Exposure Metering	Standard / Spotlight / Backlight
Audio In	2x Mini XLR 3-pin connector 1x 3.5 mm stereo mini jack Built in Stereo microphones on camera body	Exposure Compensation	AE shift function available. Target value (±8 steps from center)
			Auto Iris / Auto ISO
Headphone Output	1x 3.5mm stereo mini jack		Yes
Video Monitor Output	1x 3G-SDI Output (BNC)		No
HDMI	1x HDMI (Type-A)		Yes
USB	1x USB-C Data Terminal (USB 3.2 Gen1)	Auto Exposure Mode	
SDI Output	1x 12G-SDI Output (BNC)	Push Auto Iris	
Time Code	1x DIN1.0 / 2.3 (Input / Output)	Exposure Lock	
Genlock	1x DIN1.0 / 2.3 (shared with Sync & Return)	Auto Gain Control Setting	
Sync	1x DIN1.0 / 2.3 (shared with Genlock & Return)	ISO Sensitivity ⁸	
DC Input	12V (4-pin XLR / 11.5-20V)		1-Stop Display : 100* / 160** / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600 / 51200 / 102400*
Multi-Accessory Shoe	Yes (via camera body or top handle)		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*
Remote Control Terminal	1x 2.5 mm stereo mini jack		*when ISO Extended Range is set to ON **when ISO Extended Range is set to OFF
Lens Terminal	1x 12-pin jack	Auto Focus System	Dual Pixel CMOS AF II + EOS iTR AF X
Ethernet Terminal	1x RJ45 Connector (1000BASE-T compatible)	AF Frame Sizes	Full: approx. 100% (Vertical) x approx. 100% (Horizontal) Large Zone (Vertical) : Video display range approx. 97% (Vertical) x 25% (Horizontal) Large Zone (Horizontal) : Video display range approx. 43% (Vertical) x 76% (Horizontal) Zone: Video display range approx. 43% (Vertical) x 25% (Horizontal) Small Zone : Video display range approx. 15.9% (Vertical) x 11.8% (Horizontal) Continuous AF / One-Shot AF Yes (Eye / Face / Head / Body) Yes (Dogs / Cats) Yes, with compatible Canon lenses -6dB*, -3dB*, -2dB**~48dB, 51dB*, 54dB* *when ISO Extended Range is set to ON **when ISO Extended Range is set to OFF
Grip	1x USB-C Terminal (for supplied Hand Grip only)		
IP Streaming / FTP	IP Streaming via Ethernet / Wi-Fi connection 9 Mbps / 4 Mbps: 1920 x 1080 (59.94p / 59.94i / 50.00p / 50.00i) UDP / RTP / SRT / RTP+FEC / RTSP+RTP		
		Auto Focus Modes	
User LUT Input	Yes, in-built LUTs available for monitoring. Custom LUTs can be applied directly to internal recordings via Look File function (compatible with 17 or 33 grid .cube files)	Face Detection AF	
		Animal Detection AF	
Video Connector	1x USB-C Terminal (for supplied LCD Monitor only)	Focus Guide	
Tally Signal	Yes, via Wi-Fi or Ethernet using XC Protocol	Gain Setting ⁹	
Return Signal Input	1x DIN1.0/2.3 (shared with Genlock & Sync)		

SHUTTER

Control Modes

Shutter Speed

Shutter Angle

Slow Shutter (SLS)

Clear Scan

Speed / Angle / Clear Scan / Slow Shutter

1/1~1/2000 (total of 45 settings)

11.25° to 360° depending on frame rate

1/3, 1/4, 1/6, 1/8, 1/12, 1/15, 1/25, 1/30 depending on frame rate

23.97 Hz~2000 Hz depending on sensor mode / frame rate

CUSTOM PICTURE

Stored Configurations

C1 : Canon 709

C2 : Canon Log 2

C3 : Canon Log 3

C4 : BT.709 Wide DR

C5 : BT.709 Standard

C6 : PQ

C7 : HLG

C8 : EOS Standard

C9 : EOS Neutral

C10 : User10 ~User20

HDR-HLG Profile

BT.2100 : Corresponds to ITU-R BT.2100

Vivid : Corresponds to Traditional Colour in ITU-R BT.2390

Colour Matrix

Neutral : Accurate colour reproduction

Production Camera : Colour reproduction for use in movie production

Video : Colour reproduction with contrast for TV broadcasts.

Image Adjustment Parameters

Master Pedestal

Master Black

Black Gamma

Low Key Saturation

Knee

Sharpness

Noise Reduction

Skin Detail

Colour Matrix Tuning

White Balance

Colour Correction

WI-FI & GPS

SPECIFICATIONS

Wi-Fi (Optional Third Party Accessory)

In-built (2.4 / 5GHz bands)
Supporting 802.11a/b/g/n/ac

GPS Information (Optional Accessory)

Only when equipped with GP-E2 GPS Receiver)

WHITE BALANCE

Auto

Preset

Yes

Daylight (5600K), Tungsten (3200K), Kelvin (2000K-15000K, 100K intervals), Set A, Set B
-5 CC - +5 CC (Daylight / Tungsten)
-20 CC - +20 CC (Kelvin)

White Balance Shift

TIME CODE

Count Up System

Regen / RecRun / Free Run / External / Frame Count

AUDIO

Recording Format

RAW / XF-AVC : Linear PCM (24-bit / 48 kHz, 4 channels)
XF-AVC S / XF-HEVC S : Linear PCM (24-bit / 48 kHz, 4 channels) or MPEG2-AAC LC (16-bit 48kHz) 2 channels

ACCESSORIES

Supplied

LCD Monitor
LCD Attachment Unit
MC-5U Monitor Cable
Handle Unit
Camera Grip
BP-A60N Battery Pack
CA-CP300 B Compact Power Adapter
CG-A20 Battery Charger
Microphone Holder

Optional

BP-A60N / BP-A30N Battery Pack
BP-A30 / BP-A60 Battery Pack
CG-A20 / CG-A10 Battery Charger
CA-CP300 B Compact Power Adapter
MC-5U Monitor Cable
PL-RF Mount Adapter
EF-EOS R Mount Adapter
EF-EOS R Control Ring Mount Adapter
EF-EOS R Drop-In Filter Mount Adapter
EF-EOS R 0.71x Mount Adapter
Remote Camera Controller RC-V100
Remote Camera Controller RC-IP100
Remote Camera Controller RC-IP1000
DM-E1D Multi-Function Shoe Directional Stereo Microphone OC-E4A Off-Camera Shoe Cord
IFC-100U / IFC-400U Interface Cable
Tascam CA-XLR2d XLR Microphone Adapter

Third Party Accessories

POWER SOURCE

Power Supply (Battery)¹⁰

BP-A60N (Supplied)
BP-A30N / BP-A30* / BP-A60* (Optional)
DC IN 12V terminal : DC 11.5V - 20V (4-pin XLR)
Cinema RAW Light: FF / 6K / 59.94P - 32.5W
Cinema RAW Light: S35 / 4.3K / 59.94P - 30.4W
XF-AVC: FF / 4K / 59.94P - 31.6W
XF-AVC: FF / 2K / 59.94P - 29.7W

Power supply (Mains)

Power Consumption

With supplied BP-A60N battery pack:
Approx. 155 - 170mins (depending on recording mode)

Recording Time

PHYSICAL

SPECIFICATIONS

Dimensions (Main Body Only)

Weight (Body Only)

Weight (Accessories)

Approx. 142 x 135 x 135 mm

Approx. 1540 g

LCD Monitor: Approx. 155g
LCD Attachment Unit: 260g
MC-5U Monitor Cable: Approx. 25g
Handle Unit: Approx. 300g
Camera Grip: Approx. 270 g
BP-A60N Battery Pack: Approx. 465g
CA-CP300 B Compact Power Adapter: Approx. 219g
Battery Charger CG-A20: Approx. 145g
Microphone Holder + 2 screws: Approx. 60g
Approx. 0 to 40°C, (85% relative humidity)
Approx. -5 to 45°C, (60% relative humidity)

Operating Temperature Range

Footnotes:

- ^[1] RAW Recording only available via CFexpress
- ^[2] Based on 25P recording on a 512GB card at maximum bitrate
- ^[3] Relay Recording not available during RAW or S&F Recording
- ^[4] Proxy recording available in XFAVC, XF-AVC S and XF-HEVC S (depending on the main format selected). Not available in S&F mode above 60FPS
- ^[5] Dual Pixel CMOS AF unavailable when recording above 60FPS
- ^[6] Pre Record not available during RAW Recording
- ^[7] Depending on Sensor Mode and Format selected
- ^[8] Available when Base ISO is set to Automatic
- ^[9] Available when Base ISO is set to Automatic
- ^[10] Multi-Accessory Shoe power supply and communication via LENS terminal are unavailable when using original BP-A30 / BP-A60 batteries

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Sales Start Date: September 2024



Product details

Product Name	Mercury Code	EAN Code	Recommended Retail Price
EOS C400 EMEA	6388C003AA	4549292224603	<Please fill in RRP>

Optional accessories

Accessory Name	Mercury Code	EAN Code	Recommended Retail Price
Power Supply			
BATTERY PACK BP-A30N	6663C001AA	4549292233445	<Please fill in RRP>
BATTERY PACK BP-A60N	6664C001AA	4549292233452	<Please fill in RRP>
MONITOR CABLE MC-5U	6712C001AA	4549292235647	<Please fill in RRP>
MOUNT ADAPTER PL-RF	6890C001AA	4549292240856	<Please fill in RRP>
CP ADAPTER CA-CP300B (EU)	6922C003AA	4549292242034	<Please fill in RRP>

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Measurement / logistic information

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Net Weight (kg)	Gross Weight (kg)
EOS C400 EMEA	6388C003AA	EA	Each	1	38	28.8	22.6	3.9	4.8
		CT	Carton	2	TBD	TBD	TBD	TBD	TBD
		EP	Euro Pallet	24	120	80	TBD	TBD	TBD
			Layers per Pallet	TBD					
			Cartons per Layer	TBD					
			Products per Layer	TBD					

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What's in the box

EOS C400 EMEA

- EOS C400 EU BODY
- Camera Cover
- Measure Hook
- Camera Grip
- Microphone Holder Unit
- Screws for Microphone Holder Unit
- LCD Monitor
- LCD Attachment Unit
- Rod
- Handle Unit
- Hex Wrench (1/4 inch)
- Battery Charger CG-A20
- Compact Power Adapter CA-CP300B
- AC Cable EU
- BP-A60N Battery Pack
- MC-5U Monitor Cable
- Printed Matter Unit
- Packaging



Canon

