EOS C200

SHOOT 4K/50P INTERNALLY IN MP4 OR CINEMA RAW LIGHT FORMATS

Capture and record with ease UHD/50P footage to internal SD cards in MP4 format and use Cinema RAW Light to film moments in stunning 4K to internal CFast 2.0™ card. Explore your creativity in Full HD with high frame rate options up to 120P
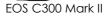
KEY FEATURE

Professional UHD/50P camera with internal SD card recording and High Frame Rate option

• Enter the world of professional 4K filmmaking with a camera boasting a Super 35mm CMOS sensor capable of recording high-definition UHD/50P MP4 footage internally to dual SD card and Full HD up to 120P with flexibility and ease

Internal RAW recording to CFast 2.0™ card

• Record 4K Cinema RAW Light footage in 10-bit/50P or 12-bit 24P/25P internally to CFast 2.0™ card with simultaneous MP4 proxy

Professional High Quality image and audio

• Up to 15-stops dynamic range with Cinema RAW Light, high sensitivity ISO 100-102, 400 and 4 channel audio recording

Dual Pixel CMOS AF and extensive shooting functions

• Advanced autofocus options with touchscreen control plus HDR monitoring and 10-stop electronically controlled optical ND filters

Easy operation and flexible configuration

• Robust, compact body featuring an EF mount supporting a huge range of EF and Cinema lenses. Built-in Wi-Fi, Ethernet, SDI and XLR terminals for professional use

Canon

4K **UHD** **Cinema RAW Light**

MP4 DiGiC DV6 **Touch Screen**

Dual Pixel CMOS AF

Product Range

EOS C300 Mark II

EOS C200

EOS C100 Mark II

EOS C700
EOS C500
EOS C300 Mark II
EOS C200
EOS C100 Mark II

TECHNICAL SPECIFICATIONS

EOS C200

CAMERA

IMAGE SENSOR

Sensor	Super 35mm type CMOS
System	RGB primary colour filter (Beyer array)
Total pixels per sensor	Approx. 9.84 megapixels (4206 x 2340)
Effective pixels per sensor	Approx. 8.85 megapixels (4096 x 2160): When 4096 x 2160 or 2048 x 1080 is selected as the resolution Approx. 8.29 megapixels (3840 x 2160): When 3840 x 2160 or 1920 x 1080 is selected as the resolution
Signal-to Noise Ratio	50.00 Hz mode: 53 dB (Typical) [3840x2160/25.00P, Canon Log 3 Base sensitivity ISO800 (Dynamic range 1600%), HDMI OUT]
Dynamic Range	15 Stops (Cinema RAW Light), 13 Stops (MP4/Canon Log3)

IMAGE PROCESSOR

Type	Dual DIGIC DV6

LENS

Lens Mount	Canon EF Mount
Lens Magnification Factor (for EF Mount lenses, including Cinema Primes)	At 4096 x 2160 or 2048 x 1080 resolution: Actual focal length x approx. 1.460 At 3840 x 2160 or 1920 x 1080 resolution: Actual focal length x approx. 1.534
Changeable Lens Mount	Yes, mount change to PL mount possible via Canon Service centre (Paid for service)
Peripheral illumination correction	Yes with compatible lenses
ND filter	Clear, 2, 4, 6, 8,10-stop
Focus control	Manual via lens, manual via RC-V100 Auto Focus (Dual Pixel AF Approximately 80%(vert.),80%(horiz.))
Iris control	Manual Via camera body or RC-V100, fine, 1/2 or 1/3 step increments, Auto (with compatible lenses), Push Auto Iris
Image stabilization system	Depends on lens used

RECORDING

RAW Recording options	RAW (Cinema RAW Light)
Internal Recording	Cinema RAW Light, MP4
Recording time (CFast 2.0™card)	128GB card 15 Mins (4K Cinema RAW Light 1Gbps VBR)
Recording time (SD Card)	128GB card 110 mins (MP4, 150Mbps) 485Mins (MP4, 35Mbps)
Recording Formats	Cinema RAW Light (CFast 2.0™¹), MP4 XF-AVC (SD card. XF-AVC²)
Recording Frame Rate	(1) 59.94 Hz mode (59.94P/29.97P/23.98P) (2) 50.00 Hz mode (50.00P/25.00P) (3) 24.00 Hz mode (24.00P)
Slow/Fast motion	YES
Interval Record	YES
Frame Record	YES
Pre Record (cache record)	YES, 3 seconds
Relay Recording	YES, SD Card recording only
Double Slot (simultaneous) Recording	YES, SD Card recording only
Scan Reverse	NO
HD->SD conversion	NO
Photo storage media	SD Card
Photo Recording Size	2048x1080 (when video image resolution is 4096x2160/2048x1080) 3840x2160 (when video image resolution is 3840x2160) 1920x1080 (when video image resolution is 1920x1080)

SYSTEM

Wave Form Monitor	YES
Colour Bars	YES, SMPTE / EBU / ARIB
Peaking	YES
Zebra	YES. Zebra 1 Level 5 ±5% to 95 ±5% in 5 percentage point intervals (70 ±5%) Zebra 2 Level: 0% to 100% in 5 percentage point intervals (100%)
Markers	YES, Centre, Horizontal, Grid Aspect Ratio(4:3 / 13:9 / 14:9 / 16:9 / 1.375:1 / 1.66:1 / 1.75:1/1.85:1 / 1.90:1 / 2.35:1 / 2.39:1 / Custom), Safe Area (80% / 90% / 92.5% / 95%)

EVF

Built- In EVF	YES. 1.77M dots
Optional EVF Accessory	Canon EVF-V70 (Also requires CL-V2 bracket)

DISPLAY PANEL

Display Panel	4 inch/10.1cm diagonal LCD Monitor. Touch panel. Approx., 1.23M dots

INPUTS/OUTPUTS

Audio in	XLR x2, 3.5mm Audio, AES/EBU digital or Analog Audio input, Line, Mic, +48V Phantom Power supported
Headphone output	YES
HDMI	YES, HDMI 2.0, output only. Max. output resolution 3840 x 2160.Timecode out compatible
USB	YES. Mini-B Hi-Speed USB
3G/HD-SDI output	YES x 1.BNC jack Video [HD]:SMPTE 292. [3G]:SMPTE 424, SMPTE 425 Audio [HD]:SMPTE ST 299-1. [3G]:SMPTE ST 299-2, Output impedance 75 Ω, Output signal level 0.8 Vp-p
Time code	NO
Genlock	NO
Synch	NO
Component out	NO
AV terminal	NO
DC Output	NO
DC input	YES, 14.4V DC (Battery), 16.7V DC (DC-In)
Power Consumption	50.00P: Cinema RAW Light/MP4; 18.5W (Approx.)
Continuous Recording Time (battery)	BP-A30 (3100mAh) 130 Min (Approx.) BP-A60 (6200mAh) 280 Mins (Approx.) Cinema Raw Light/4096 x 2160 or MP4/3840 x 2160 recording
Remote Control Terminal	YES, 2.5mm proprietary connector
Wireless Control Terminal	Built-in Wi-Fi. FTP and Browser Remote/Preview
Lens terminal	NO
Ethernet terminal	YES. FTP CAPABLE, MP4 files only
Video connector (For Monitor or EVF)	YES, Canon proprietary connection

MISC

Tally lamp	YES
Custom Dial	YES

SHOOTING FUNCTIONS

EXPOSURE

Exposure metering	(a) Standard (centre-weighted metering) (b) Spotlight (c) Backlight (compensation)
Exposure compensation	AE shift function. The target value (±8 steps from centre) for the brightness can be set. Indicated as exposure values (EV). (±2.0, ±1.75, ±1.5, ±1.25, ±1.0, ±0.75, ±0.5, ±0.25, and ±0) are displayed on the screen as AE [numerical values]
Push Auto Iris	YES
Exposure Lock	NO
Auto Gain Control setting	NO

TECHNICAL SPECIFICATIONS

EOS C200

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.
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.
Auto Focus System	Dual Pixel CMOS AF supported Manual focus, one-shot AF, continuous AF, AF-Boosted MF, face detection AF (only lenses that support AF functions can be used in any of these modes), focus guide
AF Frame Sizes	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
Auto Focus Modes	One-Shot AF, Continuous AF and AF-Boosted MF are the available modes. All of these modes take effect when the AF/MF switch of the EF lens is at the AF setting. One-Shot AF: AF is performed only while the one-shot button to which it has been assigned is held down. No further lens movement is permitted after focusing. Continuous AF: AF control is performed at all times. AF-Boosted MF
Face Detection AF	Available; face Priority or Face Only. Face Priority: AF is set to face frame when a face is detected, to tracking frame when tracking, and AF frame when there is no face or tracking. Face Only: Switches to face frame when a face is detected, to tracking frame when tracking, and MF when there is no face or tracking. In both Face Priority and Face Only, the face to detect can be selected with the joystick.
Focus Guide	Available; displays focus status or unfocused status using the AF signal.

SHUTTER SPEED

Control Modes	Manual only
Shutter speed	1/3 stop display: 1/1, 1/1.26, 1/1.59, ---, 1/1600, 1/2000 (total of 34 settings) 1/4 stop display: 1/1, 1/1.19, 1/1.41, 1.68 ---, 1/1700, 1/2000 (total of 45 settings). The slowest speed will differ depending on the frame rate setting.
Shutter Angle	360.00, 240.00, 180.00, 120.00, 90.00, 60.00, 45.00, 30.00, 22.50, 15.00, 11.25 Also, angle values equivalent to 1/120, 1/60, 1/40, 1/30, 1/100, 1/50, 3/100, and 1/25 are selectable within the minimum angle range from 360°.
Slow Shutter (SLS)	59.94(i/P) : 1/4, 1/8, 1/15, 1/30 29.97P frame rate has been set: 1/4, 1/8, 1/15 24.00P or 23.98P: 1/3, 1/6, 1/12
Clear Scan	24.00 Hz* to 250.40 Hz (*) The frequency will differ depending on the frame rate setting.

CUSTOM PICTURE

Stored Configurations	PRESET: Canon Log 3/Canon Log /BT.709/Off GAMMA: Canon Log 3/Canon Log/Wide DR/Normal 1 (Standard)/Normal 2 (x4.0)/Normal 3 (BT.709)/Normal 4 (x5.0) COLOUR MATRIX: Neutral/Production Camera/Cinema EOS/Original /Video/ Off
Storage Medium	Internal, SD Card
Master Pedestal	0 ± 50
Master Black Red	0 ± 50
Master Black Green	0 ± 50
Master Black Blue	0 ± 50
Black Gamma	0 ± 50
Low Key Saturation	0 ± 50
Knee Point	+ 50 - 95 - +109
Knee Slope	-35 - 0 - +50
Knee Saturation	0 - ±10
Sharpness Level	-10 - 0 - +50
Noise reduction	Off / 1 – 12
White balance Red/Blue Gain	0 - +50
Setup level	(0 - ±50)

WI-FI & GPS SPECIFICATIONS

GPS Information (Optional Accessory)	Location (latitude, longitude and altitude) and GPS information using Coordinated Universal Time (UTC) can be added to RAW movies, MP4 movies and photos. Satellite data acquisition status can be checked in camera mode.
W-Fi Specification	Standard: IEEE 802.11b/g/n (2.4 GHz band), IEEE 802.11a/n (5 GHz band) (not supported in Qatar, Indonesia or Iraq) IEEE 802.11b/g/n (2.4 GHz band) IEEE 802.11n/11a (5 GHz band): Differs depending on the model's destination. Authentication: Open system, WPA-PSK, WPA2-PSK Encryption systems: WEP-64, WEP-128, TKIP, AES

WHITE BALANCE

Auto	YES. Shockless WB available
Preset	Daylight (5600K), Tungsten (3200K)
Manual Setting	Preset A/B, Colour Temperature Setting: 2000K - 15000K

BLACK BALANCE

Black balance adjustment	Auto Black Balance Adjustment

TIME CODE

Countup system	Regen, RecRun, FreeRun, TC Hold. Drop Frame /NonDrop Frame (DF/NDF) in 59.94P/29.97P mode only

AUDIO

Recording	Cinema RAW Recording: Linear PCM: 16-bit / 48 kHz / 4 channels MP4: MPEG-4 AAC-LC (16-bit / 48 kHz / 2 channels), Linear PCM (16-bit / 48 kHz / 4 channels)

Canon

TECHNICAL SPECIFICATIONS

EOS C200

ACCESSORIES

Supplied

LCD Monitor LM-V1, LCD Attachment Unit LA-V1, Handle Unit HDU-2, Mic holder unit, Thumb rest, Eyecup, Shoulder strap (SS-1200), Battery Charger CG-A20, Compact Power Adapter, CA-CP200B, AC Adapter CA-A10, AC cable x 2, Ferrite core, Battery pack (BP-A30), Unit Cable UN-5, Allen wrench, bolts

Optional

Canon Battery Pack BP-A30 (provided with camera)/BP-A60
Canon Battery Charger CG-A10/ CG-A20
Canon LCD Monitor LM-V1
Canon LCD Attachment Unit LA-V1
Canon Clamp Base CL-V2
Canon Camera Grip GR-V1
Canon Handle Unit HDU-2
Canon OLED Electronic View Finder EVF-V70
Canon Shoulder Support Unit SU-15
Canon Rod Clamp RD-1
Canon AC Adapter CA-A10
Canon Compact Power Adapter CA-CP200B
Canon Unit Cable UN-5/UN-10
Canon Remote Controller RC-V100
Canon GPS Receiver GP-E2
Canon Shoulder Strap SS-1200
Canon EF lenses, EF cinema lenses (EF mount)

MISCELLANEOUS

Dimensions (Main Body Only)

Approx. 144 x 153 x 179 mm (5.7 x 6.0 x 7.0 in)
Approx. 178 x 153 x 204 mm (7.0 x 6.0 x 8.0 in) [With camera grip attached]

Weight (Body Only)

Approx. 1430g (3.2lb)

Weight (Supplied Accessories)

Camera Grip GR-V1: Approx.260 g (9.2 oz.)
LCD Monitor LM-V1: Approx. 185 g (6.5 oz.)
LCD Attachment Unit LA-V1: Approx. 255 g (9.0 oz.) Mic holder unit: Approx. 50 g (1.8 oz.)
Handle Unit HDU-2: Approx. 220 g (7.8 oz.)
Hex Socket Head Bolt: Approx. 5 g (0.18oz.)
BP-A30: Approx. 225 g (7.9 oz.)Unit Cable UN-5: Approx. 80 g (2.8 oz.)
Thumb rest: Approx. 10 g (0.35 oz.)
Eyecup: Approx. 25 g (0.88 oz.)

Operating Temperature range

Approx. 0 to 40°C, 85% (relative humidity)
Approx. -5 to 45°C, 60% (relative humidity)

Disclaimers

[1] When recording RAW footage it is recommended that only Cfast 2.0™ that support VPG-130 are used to ensure recording integrity.

[2] Future firmware upgrades may be required to enable all camera features. Visit the Canon Support website for more information, or contact your local Canon representative.

Footnotes

• Canon is an authorised licensee of the CFast 2.0™ trademark, which may be registered in various jurisdictions

EOS C200

Shoot 4K/50P internally in MP4 or Cinema RAW Light formats

Capture and record with ease UHD/50P footage to internal SD cards in MP4 format and use Cinema RAW Light to film moments in stunning 4K to internal CFast 2.0™ card. Explore your creativity in Full HD with high frame rate options up to 120P

Product Details:

Product Name	Mercury Code	EAN Code
EOS C200	2215C003AA	4549292089806

Optional Accessories:

Product Name	Mercury Code	EAN Code
OLED Electronic Viewfinder EVF-V70	1754C001AA	4549292080476
Canon Clamp Base CL-V2 (use with EVF-V70)	2416C005AA	8714574651781
Remote Control RC-V100	9660B001AA	4549292014013
Battery Charger CG-A10 (twin charger)	0872C003AA	4549292047585
Battery Pack A30	0868C002AA	4549292047493
Battery Pack A60 (high capacity)	0870C002AA	4549292047523
GPS Receiver GP-E2	6363B001AA	4960999848358
Unit Cable UN-5 (50cm)	0886C001AA	4549292047950
Unit Cable UN-10 (100cm)	0887C001AA	4549292047967
Shoulder Support Unit SU-15	1752C001AA	4549292080483
Rod Clamp RD-1	0888C001AA	4549292047974

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Sales Start Date: July 2017

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Gross Weight (kg)
EOS C200	2215C003AA	EA	Each	1	454	354	307	5.88
		CT	Carton	6	467	367	328	38.8
		EP	Euro Pallet	72	120	80	113.4	476
			Layers per Pallet	3				
			Cartons per Layer	4				
			Products per layer	24				

What's in the box?

- Camera body
- Camera Grip GR-V1
- LCD Monitor LM-V1
- LCD Attachment LA-V1
- Unit Cable UN-5
- Handle unit HDU-2
- Mic holder
- Eye cup
- Battery Charger CG-A20
- Compact Power Adapter CA-CP200B
- Battery pack BP-A30
- AC Adapter CA-A10
- Shoulder strap
- Thumb rest
- Body cap
- Tape measure hook

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