

EOS C200



**Cinema RAW
Light**



4K

UHD

EOS C200

Compact Cinema EOS System Digital Camera

The EOS C200 offers exceptional creativity and flexibility in a compact and lightweight design, ideal for single shooters.

Capability Drives Creativity

Canon's Super 35mm CMOS sensor along with newly developed Dual DIGIC DV6 image processors deliver Cinema RAW Light recording at 4K DCI 50P internally to a CFast 2.0 card. It can also deliver 4K UHD recording at 150Mbps, and 2K or Full HD at 35Mbps to SD cards in MP4 format.

Supporting up to 15-stops of dynamic range with Cinema RAW light and 13-stops of dynamic range in MP4 (Canon Log/log 3), the camera is perfect for capturing highlight and shadow detail.

Innovative Focus Control

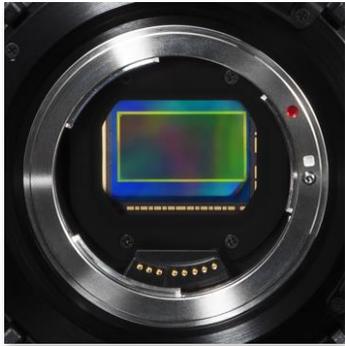
With Dual Pixel CMOS AF, superb tracking and smooth autofocus ideal for video capture is possible. Using the LM-V1 touch-panel LCD monitor, users can intuitively select the subject they wish to focus on with simple touch operation.



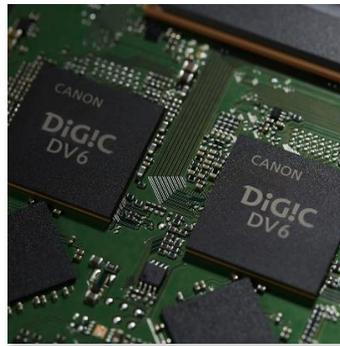
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The 8.85M sensor supports 4K recording up to 4096 × 2160 for high quality images. 2K/HD recording (Over Sampling HD Processing) that takes full advantage of data from the 4K sensor .



Dual DIGIC DV 6 image processors are the core technology of this 3rd generation CINEMA EOS SYSTEM that offers wide-ranging expressive capabilities and stress-free operation in a compact body

Cinema RAW Light
DCI 4K 60P/50P



New Cinema RAW Light format retains a high degree of post production freedom when colour grading similar to Cinema RAW while achieving between a one-third to one-fifth file size.



4K UHD 60P/50P

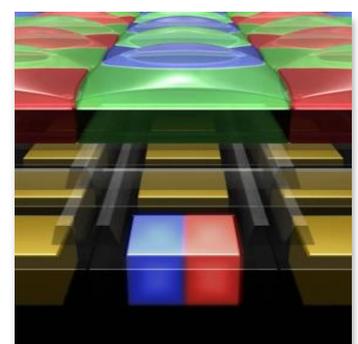


Support for UHD (3840 x 2160) 60P/50P makes long recording times possible on versatile SD cards while maintaining high image quality.

120fps **FHD**



The C200 supports high-speed recording with a maximum 120fps in Full HD without cropping, realising even greater emotion in visual expression



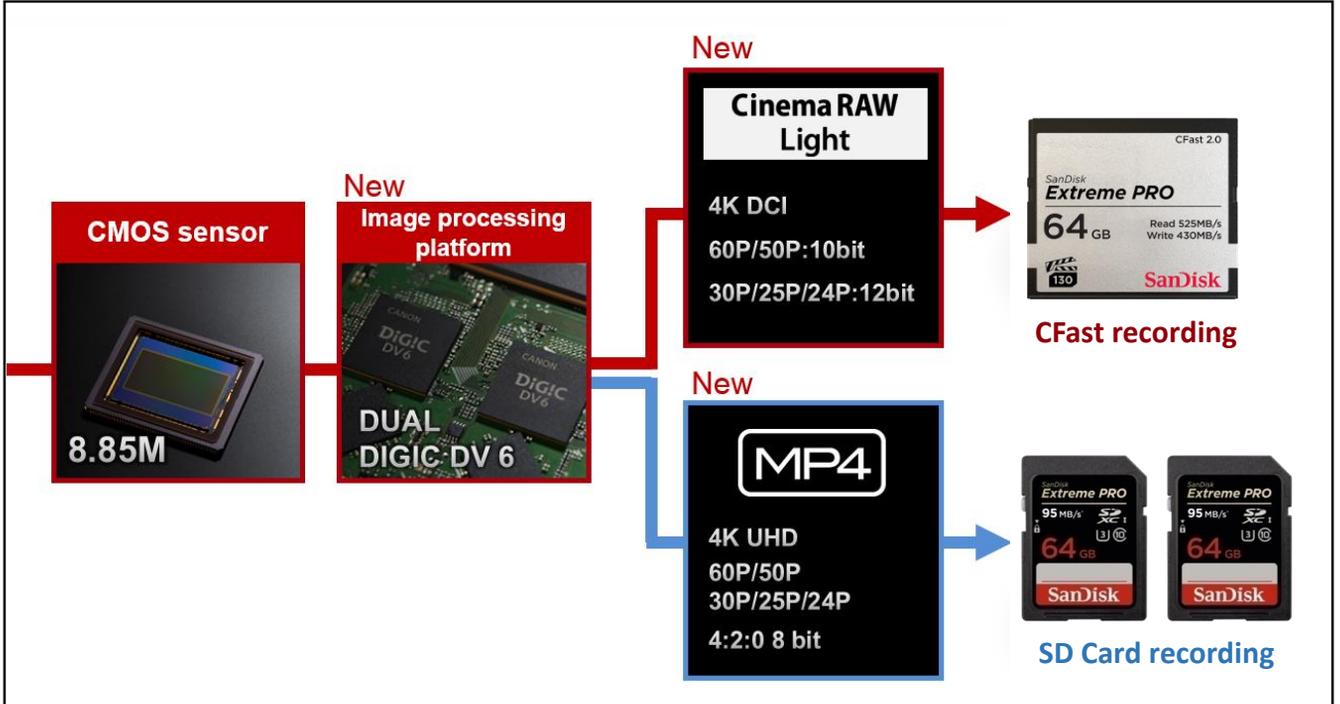
Ground-breaking AF technology that uses a CMOS sensor with a construction that combines the functions of both imaging and phase difference AF.

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Support for two 4K File Formats



Advanced operability and ergonomic design



The C200's lightweight body of just 1.4kg and is designed for comfortable hand-held shooting.



Offering exceptional creativity, the compact size makes the C200 suitable for mounting onto a drone or gimbal.

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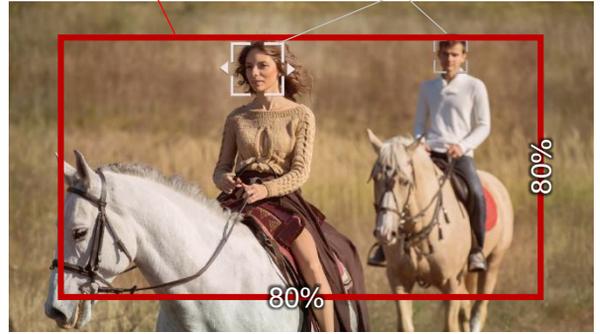
LCD Monitor LM-V1 (Touch Panel)



Combine Dual Pixel CMOS AF with the LCD Monitor LM-V1, with touch panel support, focusing becomes even more intuitive, with the capability to choose the subject for focusing with a touch.

Dual Pixel CMOS AF

Distance Measuring Area Face Detection AF frame (selectable)



The C200 offers high-speed One-Push AF and continuous AF within a horizontal and vertical range of the screen of approx. 80%.

Wide-ranging Inputs and Outputs



The C200 supports a variety of output signals via HD-SDI and HDMI. High quality on-board audio is delivered via 2 x XLR terminals.

Support for viewing HDR



An EVF LUT with partial HDR simulation enables a view close to an HDR display. HDR View Assist (400%/1600%) checking is also possible on the LM-V1.

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MULTIPLE ACCESSORIES SUPPLIED FOR VARIOUS APPLICATIONS



SUPPORTS MULTIPLE OPTIONAL ACCESSORIES

OLED Viewfinder EVF-V70



This EVF offers industry-standard operability and quality worthy of a top-end cinema camera.

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

EOS C200	
Camera	
Image Sensor	
Sensor	Super 35mm type CMOS
System	RGB primary colour filter (Bayer 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 (CinemaRAW 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™) MP4 XF-AVC (SD card. XF-AVC ²)
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

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Technical Specifications

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
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.

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Technical Specifications

Shutter speed	
Control Modes	Manual only
Shutter speed	1/3 stop display: 1/1, 1/1.26, 1/1.59, ---, 1/1.600, 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)
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)

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Technical Specifications

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)
<p>Disclaimers</p> <p>All specifications are subject to change without notice.</p> <p>*When recording RAW footage it is recommended that only Cfast 2.0™ that support VPG-130 are used to ensure recording integrity.</p> <p>?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</p> <p>FOOTNOTES</p> <ul style="list-style-type: none"> • Canon is an authorised licensee of the CFast 2.0™ trademark, which may be registered in various jurisdictions 	



* main body included accessories

For more information visit
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