

Canon

EOS *REBEL SL2* EOS 200D



Instruction Manual

Instruction manuals (PDF files) and software can be downloaded from the Canon Web site (p.4, 445).

www.canon.com/icpd



Specifications

• Type

Type:	Digital, single-lens reflex, AF/AE camera with built-in flash
Recording media:	SD/SDHC*/SDXC* memory cards * UHS-I cards supported
Image sensor size:	Approx. 22.3 x 14.9 mm
Compatible lenses:	Canon EF lenses (including EF-S lenses) * Excluding EF-M lenses (35mm-equivalent angle of view is that of a lens with approx. 1.6x the focal length indicated.)
Lens mount:	Canon EF mount

• Image Sensor

Type:	CMOS sensor
Effective pixels:	Approx. 24.2 megapixels * Rounded to the nearest 100,000.
Aspect ratio:	3:2
Dust deletion:	Auto, Manual, Dust Delete Data appending

• Recording System

Recording format:	Design rule for Camera File System (DCF) 2.0
Image type:	JPEG, RAW (14-bit Canon original), RAW+JPEG Large simultaneous recording possible
Pixels recorded:	L (Large) : 24.0 megapixels (6000 x 4000) M (Medium) : Approx. 10.6 megapixels (3984 x 2656) S1 (Small 1) : Approx. 5.9 megapixels (2976 x 1984) S2 (Small 2) : Approx. 3.8 megapixels (2400 x 1600) RAW : 24.0 megapixels (6000 x 4000)
Aspect ratio:	3:2, 4:3, 16:9, 1:1
Folder Creation/ selection:	Possible
File numbering:	Continuous, Auto reset, Manual reset

• Image Processing During Shooting

Picture Style:	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1 - 3
White balance:	Auto (Ambience priority), Auto (White priority), Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White balance correction, and White balance bracketing provided * Flash color temperature information transmission possible
Noise reduction:	Applicable to long exposures and high ISO speed shots
Automatic image brightness correction:	Auto Lighting Optimizer provided
Highlight tone priority:	Provided
Lens aberration correction:	Peripheral illumination correction, Chromatic aberration correction, Distortion correction, Diffraction correction

• Viewfinder

Type:	Eye-level pentamirror
Field of view coverage:	Vertical/Horizontal approx. 95% (with Eye point approx. 19 mm)
Magnification:	Approx. 0.87x (-1 m ⁻¹ with 50mm lens at infinity)
Eyepoint:	Approx. 19 mm (from eyepiece lens center at -1 m ⁻¹)
Dioptric adjustment range:	Approx. -3.0 - +1.0 m ⁻¹ (dpt)
Focusing screen:	Fixed, Precision Matte
Mirror:	Quick-return type
Depth-of-field preview:	Provided

• **Autofocus** (for viewfinder shooting)

Type:	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor
AF points:	9-point AF (Center point: cross-type, vertical line sensitive when supporting f/2.8)
Focusing brightness range:	EV -0.5 - 18 (with the center AF point supporting f/2.8, One-Shot AF, at room temperature, ISO 100)
Focus operation:	One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)
AF-assist beam:	Small series of flashes fired by built-in flash

• **Exposure Control**

Metering mode:	63-zone TTL open-aperture metering <ul style="list-style-type: none">• Evaluative metering (linked to all AF points)• Partial metering (approx. 9.0% of viewfinder at center)• Spot metering (approx. 4.0% of viewfinder at center)• Center-weighted average metering
Metering brightness range:	EV 1 - 20 (at room temperature, ISO 100)
Shooting mode:	Basic Zone modes: Scene Intelligent Auto, Flash Off, Creative Auto, Special scene modes (Portrait, Group Photo, Landscape, Sports, Kids, Close-up, Food, Candlelight, Night Portrait, Handheld Night Scene, HDR Backlight Control), Creative filters (Grainy B/W, Soft focus, Fish-eye effect, Water painting effect, Toy camera effect, Miniature effect, HDR art standard, HDR art vivid, HDR art bold, HDR art embossed) Creative Zone modes: Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure

ISO speed (Recommended exposure index):	Basic Zone modes: ISO speed set automatically Creative Zone modes: ISO Auto, ISO 100 - ISO 25600 set manually (whole-stop increments), and ISO expansion to H (equivalent to ISO 51200) provided
ISO speed settings: Exposure compensation:	Maximum limit for ISO Auto settable Manual: $\pm 5^*$ stops in 1/3- or 1/2-stop increments $^* \pm 3$ stops with [Shooting screen: Guided] set AEB: ± 2 stops in 1/3- or 1/2-stop increments (can be combined with manual exposure compensation)
AE lock:	Auto: Applied in One-Shot AF with evaluative metering when focus is achieved Manual: With AE lock button

• Shutter

Type:	Electronically-controlled, focal-plane shutter
Shutter speed:	1/4000 sec. to 30 sec. (total shutter speed range; available range varies by shooting mode), Bulb, X-sync at 1/200 sec.

• Drive System

Drive mode:	Single shooting, Continuous shooting, Silent single shooting, Silent continuous shooting, 10-sec. self-timer/remote control*, 2-sec. delay, 10-sec. delay with continuous shooting * When Wireless Remote Control BR-E1 (sold separately) is used.
Continuous shooting speed:	Max. approx. 5.0 shots/sec.* * Max. approx. 3.5 shots/sec. during Live View shooting or when [Servo AF] is set.
Max. burst:	Silent continuous shooting: Max. approx. 2.5 shots/sec. JPEG Large/Fine: Full (Full) RAW: Approx. 6 shots (approx. 6 shots) RAW+JPEG Large/Fine: Approx. 6 shots (approx. 6 shots) * Figures are based on Canon's testing standards (3:2 aspect ratio, ISO 100 and Standard Picture Style) using a Canon's standard testing 8 GB card. * Figures in parentheses are the number of shots when a Canon's standard testing UHS-I 16 GB card is used. * "Full" indicates that shooting is possible until the card becomes full.

• Flash

Built-in flash:	Retractable, auto pop-up flash Guide No.: Approx. 9.8/32.1 (ISO 100, in meters/feet) Flash coverage: Approx. 18mm lens angle of view Recharge time: Approx. 3 sec.
External Speedlite:	Compatible with EX-series Speedlites
Flash metering:	E-TTL II autoflash
Flash exposure compensation:	±2 stops in 1/3- or 1/2-stop increments
FE lock:	Provided
PC terminal:	Not provided
Flash control:	Built-in flash function settings, external Speedlite function settings, external Speedlite Custom Function settings

• Live View Shooting

Focus method:	Dual Pixel CMOS AF system
AF method:	Face+Tracking, Smooth zone, Live 1-point AF Manual focus (approx. 5x / 10x magnification possible)
AF operation:	One-Shot AF, Servo AF
Focusing brightness range:	EV -2 - 18 (at room temperature, ISO 100, One-Shot AF)
Metering mode:	Evaluative metering (315 zones), Partial metering (approx. 6.0% of Live View screen), Spot metering (approx. 2.6% of Live View screen), Center-weighted average metering
Metering brightness range:	EV 0 - 20 (at room temperature, ISO 100)
Exposure compensation:	±3 stops in 1/3-stop or 1/2-stop increments
Creative filters:	Provided
Touch Shutter:	Provided
Grid display:	Three types

• Movie Shooting

Recording format:	MP4
Movie:	* Time-lapse movie shooting: MOV MPEG-4 AVC / H.264 Variable (average) bit rate
Audio:	AAC
Recording size and frame rate:	Full HD (1920x1080): 59.94p/50.00p/29.97p/25.00p/ 23.98p HD (1280x720) : 59.94p/50.00p/29.97p/25.00p VGA (640x480) : 29.97p/25.00p
Compression method:	IPB (Standard), IPB (Light) * Time-lapse movie shooting: ALL-I
Bit rate:	Full HD (59.94p/50.00p)/IPB (Standard) : Approx. 60 Mbps Full HD (29.97p/25.00p/23.98p)/IPB (Standard) : Approx. 30 Mbps Full HD (29.97p/25.00p)/IPB (Light) : Approx. 12 Mbps HD (59.94p/50.00p)/IPB (Standard) : Approx. 26 Mbps HD (29.97p/25.00p)/IPB (Light) : Approx. 4 Mbps VGA (29.97p/25.00p) (Standard) : Approx. 9 Mbps VGA (29.97p/25.00p) (Light) : Approx. 3 Mbps HDR movie : Approx. 30 Mbps Time-lapse movie : Approx. 90 Mbps
Focus system:	Dual Pixel CMOS AF system
AF method:	Face+Tracking, Smooth zone, Live 1-point AF Manual focus (approx. 5x / 10x magnification available for focus check)
Movie Servo AF:	Provided
Digital zoom:	Approx. 3x - 10x
Focusing brightness range:	EV -2 - 18 (at room temperature, ISO 100, One-Shot AF)
Metering mode:	Center-weighted average and Evaluative metering with the image sensor * Automatically set by the AF method

Specifications

Metering brightness range:	EV 0 - 20 (at room temperature, ISO 100, with center-weighted average metering)
Exposure control:	Autoexposure shooting (Program AE for movie shooting) and manual exposure
Exposure compensation:	±3 stops in 1/3- or 1/2-stop increments
ISO speed (Recommended exposure index):	For autoexposure shooting: ISO 100 - ISO 12800 set automatically. In Creative Zone modes, the upper limit is expandable to H (equivalent to ISO 25600). For manual exposure shooting: ISO Auto (ISO 100 - ISO 12800 set automatically), ISO 100 - ISO 12800 set manually (whole-stop increments), expandable to H (equivalent to ISO 25600)
ISO speed settings:	Maximum limit for ISO Auto settable
HDR movie shooting:	Possible
Creative filters for movies:	Dream, Old Movies, Memory, Dramatic B&W, Miniature effect movie
Video snapshots:	Settable to 2 sec., 4 sec., 8 sec.
Sound recording:	Built-in stereo microphones, external stereo microphone terminal provided Sound-recording level adjustable, wind filter provided, attenuator provided
Grid display:	Three types
Time-lapse movie:	Shooting interval (hours:minutes:seconds), Number of shots, Auto exposure (Fixed 1st frame, Each frame), LCD auto off, Beep as image shot settable
Still photo shooting:	Not possible during movie shooting

• LCD Monitor

Type:	TFT color, liquid-crystal monitor
Monitor size and dots:	Wide 7.7 cm (3.0 in) (3:2) with approx. 1.04 million dots
Brightness adjustment:	Manual (7 levels)
Interface languages:	25
Touch screen technology:	Capacitive sensing

• Playback

Image display format:	Single-image display (without shooting information), Single-image display (with basic information), Single-image display (Shooting information displayed: Detailed information, Lens/histogram, White balance, Picture Style 1, Picture Style 2, Color space/noise reduction, Lens aberration correction), Index display (4/9/36/100 images)
Highlight alert:	Overexposed highlights blink
AF point display:	Provided (may not be displayed depending on shooting conditions)
Zoom magnification ratio:	Approx. 1.5x - 10x
Image search:	Search conditions settable (Rating, Date, Folder, Protect, File type)
Image browsing methods:	Single image, 10 images, specified number, date, folder, movies, stills, protect, rating
Image rotation:	Provided
Image protection:	Provided
Rating:	Provided
Movie playback:	Possible (LCD monitor, HDMI), built-in speaker
Slide show:	Automatically play back all images or the images that match search conditions
Background music:	Selectable for slide shows and movie playback

• Post-Processing of Images

Creative filters:	Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect
Resize:	Provided
Cropping:	Provided

• Print Ordering

DPOF:	Version 1.1 compliant
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• Customization Features

Custom Functions:	11
My Menu:	Up to 5 screens can be registered
Copyright information:	Text entry and appending possible
Display level settings:	Shooting screen, Menu display, Mode guide, Feature guide

• Interface

DIGITAL terminal:	Computer communication (Hi-Speed USB equivalent), Connect Station CS100 connection
HDMI mini OUT terminal:	Type C (Auto switching of resolution), CEC-compatible
External microphone IN terminal:	3.5 mm diameter stereo mini-jack Directional Stereo Microphone DM-E1 connection
Remote control terminal:	For Remote Switch RS-60E3
Wireless remote control:	Compatible with Wireless Remote Control BR-E1 (Bluetooth connection)
Eye-Fi card:	Supported

• Power

Battery:	Battery Pack LP-E17 (Quantity 1) * AC power usable with household power outlet accessories.
Number of possible shots:	With viewfinder shooting: Approx. 650 shots at room temperature (23°C/73°F), approx. 620 shots at low temperatures (0°C/32°F) With Live View shooting: Approx. 260 shots at room temperature (23°C/73°F), approx. 240 shots at low temperatures (0°C/32°F) * With a fully-charged Battery Pack LP-E17
Movie shooting time:	Approx. 2 hr. at room temperature (23°C/73°F) Approx. 1 hr. 45 min. at low temperatures (0°C/32°F) * With a fully-charged Battery Pack LP-E17

• Dimensions and Weight

Dimensions (W x H x D): Approx. 122.4 x 92.6 x 69.8 mm / 4.82 x 3.65 x 2.75 in.

Weight (Black): Approx. 453 g / 15.98 oz. (Including battery and card)
Approx. 406 g / 14.32 oz. (Body only)

Weight (Silver): Approx. 454 g / 16.01 oz. (Including battery and card)
Approx. 407 g / 14.36 oz. (Body only)

Weight (White): Approx. 456 g / 16.08 oz. (Including battery and card)
Approx. 409 g / 14.43 oz. (Body only)

• Operation Environment

Working temperature range: 0°C - 40°C / 32°F - 104°F

Working humidity: 85% or less

- All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.
- Dimensions and weight listed above are based on CIPA Guidelines (except weight for camera body only).
- Product specifications and the exterior are subject to change without notice.
- If a problem occurs with a non-Canon lens attached to the camera, consult the respective lens manufacturer.