

## Canon EOS10D 6.3 megapixel Digital SLR

<b>Type</b>	Digital, single-lens reflex, AF/AE camera with built-in flash
<b>Recording medium</b>	Type I and II CF card
<b>Image size</b>	22.7 mm x 15.1 mm
<b>Compatible lenses</b>	Canon EF lenses (35mm-equivalent focal length is equal to approx.1.6 times the marked focal length.)
<b>Lens mount</b>	Canon EF mount

### IMAGE SENSOR

<b>Type</b>	High-sensitivity, high-resolution, single-plate CMOS sensor
<b>Pixels</b>	Effective pixels: Approx. 6.30 megapixels (3088x2056)
<b>Total pixels</b>	Approx. 6.50 megapixels (3152x2068)
<b>Aspect ratio</b>	3:2
<b>Color filter system</b>	RGB primary color filter
<b>Low-pass filter</b>	Located in front of the image sensor, non-removable

### RECORDING SYSTEM

<b>Recording format</b>	JPEG (except when Adobe RGB is set) supporting Design rule for Camera File system and RAW
<b>Image format</b>	JPEG and RAW (12-bit)
<b>File size</b>	(1) Large/Fine: Approx. 2.4 MB (3072x2048 pixels) (2) Large/Normal: Approx. 1.2 MB (3072x2048 pixels) (3) Medium/Fine: Approx. 1.3 MB (2048x1360 pixels) (4) Medium/Normal: Approx. 0.7 MB (2048x1360 pixels) (5) Small/Fine: Approx. 0.8 MB (1536x1024 pixels) (6) Small/Normal: Approx. 0.4 MB (1536x1024 pixels) (7) RAW (3072x2048 pixels) RAW + Small/Normal: Approx. 6.0 MB RAW + Small/Fine: Approx. 6.4 MB RAW + Medium/Normal: Approx. 6.2 MB RAW + Medium/Fine: Approx. 6.8 MB RAW + Large/Normal: Approx. 6.7 MB RAW + Large/Fine: Approx. 8.0 MB * Exact file sizes depend on the subject and ISO speed.
<b>File numbering</b>	Consecutive numbering, auto reset
<b>Color space</b>	sRGB, Adobe RGB Standard parameters plus up to three sets of custom processing parameters (4 items with 5 settings each) can be set.

### PROCESSING PARAMETER

<b>Interface</b>	USB (with dedicated cable)
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### WHITE BALANCE

<b>Settings</b>	Auto, daylight, shade, cloudy, tungsten light, fluorescent light, flash, manual, color temperature setting
<b>Auto white balance</b>	Auto white balance with the image sensor
<b>Color temperature compensation</b>	White balance bracketing: +/-3 stops in whole-stop increments

### VIEWFINDER

<b>Type</b>	Eye-level pentaprism
<b>Coverage</b>	95% vertically and horizontally with respect to the effective pixels
<b>Magnification</b>	0.88x (-1 diopter with 50mm lens at infinity)
<b>Eye point</b>	20 mm
<b>Dioptic adjustment range</b>	-3.0 - +1.0 diopter
<b>Focusing screen</b>	Fixed, New Laser Matte screen

<b>Mirror</b>	Quick-return half mirror (Transmission:reflection ratio of 40:60, no mirror cut-off with EF 600mm f/4 or shorter lens)
<b>Viewfinder information</b>	AF (AF points, focus confirmation light), exposure (shutter speed, aperture value, manual exposure, AE lock, exposure compensation amount, AEB level, partial metering area), flash (flash ready, red-eye reduction lamp on, high-speed sync, FE lock, flash exposure compensation amount), warnings (exposure warning, improper FE lock warning, CF card full warning, CF card error warning, no CF card warning, busy), maximum burst for continuous shooting, shots remaining Depth-of-field preview: Enabled with depth-of-field preview button
<b>AUTOFOCUS</b>	
<b>Type</b>	TTL-CT-SIR with a CMOS sensor (TTL secondary image-registration, phase detection)
<b>AF points</b>	7
<b>AF working range</b>	EV 0.5-18 (at 20°C, ISO 100)
<b>Focusing modes</b>	One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)
<b>AF point selection</b>	Automatic selection, manual selection, home position
<b>Active AF point indicator</b>	Superimposed in viewfinder and indicated on LCD panel
<b>AF-assist beam</b>	Stroboscopic flash
<b>Effective range</b>	Approx. 4.0m/13.1ft. at center, approx. 3.5m/11.5ft. off-center
<b>EXPOSURE CONTROL</b>	
<b>Metering system</b>	TTL full aperture metering with 35-zone SPC (1) Evaluative metering (linkable to any AF point) (2) Partial metering (approx. 9% of viewfinder at center) (3) Centerweighted average metering
<b>Metering range</b>	EV 1-20 (at 20°C with 50mm f/1.4 lens, ISO 100)
<b>Exposure control systems</b>	Program AE (Full Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, Flash Off, Program), shutter-priority AE, aperture-priority AE, depth-of-field AE, manual exposure, ETTL autoflash
<b>ISO speed</b>	Basic Zone modes: Automatic
<b>Creative Zone modes</b>	Equivalent to ISO 100, 200, 400, 800, 1600, and ISO 3200 with ISO speed extension.
<b>Exposure compensation</b>	AEB: +/-2 stops in 1/2- or 1/3-stop increments
<b>Manual</b>	+/-2 stops in 1/2- or 1/3-stop increments (can be combined with AEB)
<b>AE lock</b>	Auto: Applied when focus is achieved in the One Shot AF mode with evaluative metering.
<b>Manual</b>	Applied with AE lock button.
<b>SHUTTER</b>	
<b>Type</b>	Electronically-controlled focal-plane shutter 180 Specifications Shutter speeds: 1/4000 - 30 sec. (1/2- or 1/3-stop increments), bulb, X-sync at 1/200 sec.
<b>Shutter release</b>	Soft-touch electromagnetic release
<b>Self-timer</b>	10-sec. delay
<b>Remote control</b>	N3-type remote control
<b>BUILT-IN FLASH</b>	
<b>Type</b>	Auto pop-up E-TTL autoflash (retractable)
<b>Guide No</b>	13 (ISO 100, meters), 43 (ISO 100, ft.)
<b>Recycling time</b>	Approx. 3 sec.
<b>Flash-ready indicator</b>	Flash-ready icon lights in viewfinder
<b>Flash coverage</b>	18mm lens angle covered
<b>Flash metering system</b>	E-TTL autoflash (linked to all AF points)

**Flash exposure compensation** +/-2 stops in 1/2- and 1/3-stop increments

**EXTERNAL SPEEDLITE**

**EOS-dedicated Speedlites** E-TTL autoflash set with EX-series Speedlites

**PC terminal** Provided

**DRIVE SYSTEM**

**Drive modes** Single frame, continuous, self-timer

**Continuous shooting speed** Approx. 3 fps (at 1/250 sec. or faster speeds)

**Max. burst during continuous shooting** 9 shots

**LCD MONITOR**

**Type** TFT color liquid-crystal monitor

**Screen size** 1.8 inches

**Pixels** Approx. 118,000

**Image coverage** Approx. 100% with respect to the effective pixels

**Brightness control** 5 levels

**PLAYBACK**

**Image display format** Single image, single image (Info), magnified view (approx. 1.5x - 10x in 15 steps, consecutive magnified image viewing enabled), 9-image index, autoplay, image rotation, and jump

**Highlight alert** In the single image and single image (Info) modes, any overexposed highlight areas with no image information will blink.

**IMAGE PROTECTION & ERASE**

**Protection** Single images can be protected or cancelled.

**Erase** Single image or all images in the CF card can be erased (except protected images).

**DIRECT PRINTING FROM THE CAMERA**

**Compatible printers** Canon card photo printers and BJ printers for direct printing from the camera

**Printable images** JPEG images

**Settings** Print quantity, style (image, paper, borders, date), and trimming

**MENUS**

**Menu categories** Shooting menu: Red Playback menu: Blue Setup menu: Yellow

**LCD monitor language** 12 languages provided (English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, and Japanese.)

**Firmware update** Update possible by the user

**CUSTOMIZE FUNCTION**

**Custom Functions** 17 Custom Functions with 61 settings

**POWER SOURCE**

**Battery** One Battery Pack BP-511/BP-512 \*AC power can be supplied via the DC coupler.

**Battery life**

Temperature	Shooting Conditions	
	No Flash	50% Flash Use
At 20°C / 68°F	650	500
At 0°C / 32°F	500	400

\*The above figures apply when a fully-charged Battery Pack BP-511/BP-512 is used.

**Battery check** Automatic

**Power saving** Provided. Power turns off after 1, 2, 4, 8, 15, or 30 min.

**Date/time back-up battery** One CR2025 lithium battery

#### **DIMENSIONS & WEIGHT**

**Dimensions (W x H x D)** 149.7 x 107.5 x 75.0 mm / 5.9 x 4.2 x 3.0 in

**Weight** 790 g / 27.9 oz (body only)

#### **OPERATING ENVIRONMENT**

**Operating temperature range** 0 - 40°C / 32 - 104°F

**Operating humidity range** 85% or lower

#### **BATTERY CHARGER CB-5L**

**Compatible batteries** Battery Pack BP-511/BP-512

**Battery mount** 1

**Power cord length** Approx. 1.8 m / 5.9 ft.

**Recharging time** Approx. 90 min.

**Rated input** AC 100-240 V (50/60 Hz)

**Rated output** DC 8.4 V

**Operating temperature range** 0 - 40°C / 32 - 104°F

**Operating humidity range** 85% or lower

**Dimensions (W x H x D)** 91.0 x 32.3 x 67.0 mm / 3.6 x 1.3 x 2.6 in

**Weight** 105 g / 3.7 oz (excluding power cord)