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Informacije o proizvodu (EN)

CANON EOS 90D + 18-135 IS USM fotoaparat



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EOS 90D









SHOOT FROM ANY ANGLE

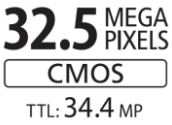
The EOS 90D is a powerful, fully equipped interchangeable lens camera providing you with everything you need at your fingertips to advance your photography and video skills. The EOS 90D shoots a fast 10 frames per second continuous shooting with full auto focus tracking. Paired with the 3” vari-angle LCD touch screen, the EOS 90D allows you to get creative and photograph your subject from any angle. The camera also comes equipped with a 32.5 MP APS-C CMOS sensor and the ability to shoot 4K 30p and Full HD 120p movies.

Quick upload and share

With integrated Wi-Fi and Bluetooth connectivity, you can share the images from your EOS 90D to your smart device quickly and easily with the Canon Camera Connect App. A constant connection between the EOS 90D and your smartphone can be maintained via Bluetooth® connectivity, letting you view your photographs without taking the camera from your bag. Connection to the app also enables you to remotely shoot from your smart device- so you can ensure you’re squeezing everyone in to those group shots.

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EOS 90D



Shoot your world with a brilliant 32.5 megapixel Canon CMOS sensor. The latest sensor provides stunning clarity and the freedom to crop in



For pin-point focusing or wide-area tracking, the 45 all cross type AF points are individually selectable or grouped into areas, giving you greater control over composition regardless of where your subject is in the frame



The EOS 90D delivers high-speed continuous shooting at up to 11 frames per second so you can be confident in catching fast moving action



Fast, powerful and innovative, Canon's advanced DIG!C 8 imaging processor commands cutting-edge technologies to deliver stunning quality, fast performance and intuitive operation



Dual Pixel CMOS AF delivers fast and smooth AF as well as exceptional tracking performance when shooting in Live View and movie mode



The Intelligent Viewfinder with approx 100% coverage lets photographers shoot and change settings whilst looking through the viewfinder so you wont need to take your eyes off the action



With built in Wi-Fi, its easy to share your images to your favourite social media platforms. You can also shoot remotely via your smartphone or tablet using the Canon Camera Connect App



Designed to shoot in varying light conditions, the camera has a native ISO 100-25,600 range, expandable to ISO 51,200 and the AF system will continue to work even under moonlight (-3EV)



Whether you're creating a travel vlog or cinematic-style movie, the EOS 90D offers total flexibility with 4K 30p and Full HD 120p shooting



The 220,000-pixel RGB+IR metering sensor measures both visible light and invisible infra-red light, giving accurate exposures



Convert images from RAW to JPEG in camera with the ability to change white balance or picture style settings. Multiple images can be converted in a batch for convenience



Find new angles high or low with the 3.0" Vari-angle Clear View LCD II screen. Touch screen interface makes it easy and intuitive to change settings, select focus points and review images

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Technical Specifications

EOS 90D

IMAGE SENSOR	
Type	APS-C CMOS
Effective Pixels	Approx. 32.5 megapixels
Total Pixels	Approx. 34.4 megapixels
Aspect Ratio	3:2
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 8
LENS	
Lens Mount	EF/EF-S
Focal Length	Equivalent to 1.6x the focal length of the lens
FOCUSING	
Live View Shooting	Dual Pixel CMOS AF
Viewfinder Shooting	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor
AF System/ Points	45 cross-type AF points
AF working range	EV -3 - 18 (at 23° C & ISO100)
AF Modes	Spot AF 1-Point AF Zone AF Large Zone AF Face Priority AF AI Focus One Shot AI Servo Movie Servo AF Continuous AF Eye Detection AF
AF area (live shooting)	Horizontal: approx. 88%, Vertical: approx. 100%
AF Lock	Locked when shutter button is pressed half way
AF Assist Beam	Intermittent firing of built-in flash or emitted by optional dedicated Speedlite
AF Microadjustment	Adjust all lenses by same amount Adjust by lens
Manual Focus	Selected on lens
EXPOSURE CONTROL	
Metering modes	<u>Viewfinder shooting:</u> Approx 220,000 pixels RGB+IR metering sensor 216-zone (18x12) TTL full-aperture metering <u>Live View shooting and Move recording:</u> 384-zone metering with image sensor
Metering Range	EV 1-20 (optical viewfinder) EV -2 – 20 (Live View) EV 0 – 20 (Movie recording)
AE Lock	Auto: In One-shot AF mode with evaluative metering exposure is locked when focus is achieved. Manual: By AE lock button in P, TV, AV and M mode.
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (viewfinder) +/-3 EV in 1/3 or 1/2 stop increments (Live View/ Movie)
AEB	+/-3 EV 1/3 or 1/2 stop increments
ISO Sensitivity (8)	Auto (100-12800min / 100-25600 max) in 1-stop increments. Manual (100-25600) in 1/3-stop increments, expanded to 51200 equivalent. Minimum limit may change depending on the lens
SHUTTER	
Type	Vertical-travel mechanical focal-plane shutter, electronically controlled at all speeds
Speed	Creative Zone: 1/16000 – 30 sec, bulb Basic Zone: 1/8000 – 1 sec Available range varies by shooting mode

WHITE BALANCE	
Type	Auto white balance with the imaging sensor
Settings	AWB (Ambience priority, White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting. White balance compensation: 1. Blue/Amber +/-9. Magenta/ Green +/-9
Custom White Balance	Yes, 1 setting can be registered
WB Bracketing	+/-3 levels in single level increments
VIEWFINDER	
Type	Pentaprism
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	Approx. 0.95x (4)
Eyepoint	Approx. 22mm (from eyepiece lens centre)
Dioptre Correction	-3 to +1 m-1 (dioptre)
Focusing Screen	Fixed
Mirror	Quick-return half mirror
Viewfinder Information	AF information: AF points, focus confirmation, AF area selection modeExposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB.Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light.Image information: Card information, maximum burst (2 digit display), Highlight tone priority (D+).Composition information: Grid, Electronic level, Aspect RatioOther information: Battery check, Alert symbol, Flicker Detection
Depth of field preview	Yes, with Depth of Field preview button.
Eyepiece shutter	None. Eyepiece cover attached to strap
LCD MONITOR	
Type	Touch screen vari angle 7.7cm (3.0") 3:2 Clear View II TFT, approx. 1040K dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx. 170°
Coating	Anti smudge
Brightness Adjustment	Adjustable to one of seven levels
Touch Screen Operations	Touch Shutter Touchscreen sensitivity Beep
FLASH	
Type	Manual pop-up retractable flash in the pentaprism housing
Guide number	Approx 12/39.4 (ISO100 m/feet)
Flash coverage	Approx. 17mm focal length/angle of view
Flash exposure compensation	+/- 3 stops in 1/3 or ½ stop increments. It is available using either built-in flash on the side of the camera or an external flash unit.
Built-in Flash recycle time	Approx. 3 seconds
Modes	Auto, Manual flash, Integrated Speedlite Transmitter
Colour temperature	Equivalent to daylight
Red eye reduction	Using the red eye reduction lamp
FE lock flash metering	Supported
Flash sync speed	Max 1/250 sec
Slow synchro	1/250 – 30 sec (auto) 1/250 – 1/60 sec (auto 1/250 sec (fixed)
External Flash Compatibility	EL/EX series Speedlites supported
E-TTL II flash metering	Evaluative (Face Priority) Evaluative Average

Canon

Technical Specifications

EOS 90D

SHOOTING	
Modes	Scene Intelligent Auto (Stills and Movie), SCN (Portrait, Group Photo, Landscape, Close-up, Sports, Night Portrait, Handheld Night Scene, HDR Backlight Control, Food, Kids, Candlelight, Panning), HDR movies, Creative filters, Program AE, Shutter priority AE, Aperture priority AE, Manual (Stills and Movie), Bulb, Custom
Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)
Colour Space	Selectable between sRGB and Adobe RGB
Image Processing	Highlight Tone Priority (Disable/Enable/Enhanced) Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Multi Shot Noise Reduction Auto Correction of Lens Peripheral illumination and Chromatic aberration correction Diffraction correction Digital Lens Optimizer Creative filters (Grainy B/W, Soft focus, Fish-eye effect, Water painting effect, Toy camera effect, Miniature effect, HDR x 4) RAW image processing (Brightness adjustment, White balance, Picture Style, ALO, High ISO speed NR, image quality, Colour space, Lens aberration correction.)
Drive modes	Single, Continuous L, Continuous H, Continuous Shooting Panning, Silent Single Shooting, Self timer (2s+remote, 10s +remote, Continuous)
Continuous Shooting	One shot: Max approx. 10 fps (viewfinder) / 11 fps (live view) Servo: Max approx. 10 fps (viewfinder) / 11 fps (live view)

LIVE VIEW MODE	
Type	Electronic viewfinder with image sensor
Coverage	Approx. 100%
Frame Rate	30 fps
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen)Autofocus: Dual Pixel CMOS AF (Face detection and Tracking AF, FlexiZone-Multi, FlexiZone-Single), Tracking sensitivity (-3 to +3) and Movie Servo AF Speed (-7 to +2)
Metering	Real-time evaluative metering with image sensor. Evaluative metering, partial metering, spot metering, center-weighted average metering.
Display Options	Basic, Detailed, On-screen buttons, Histogram, Electronic level

FILE TYPE	
Still Image Type	JPEG: (Exif 2.31 compliant) RAW: RAW (14bit, Canon original RAW CR3),
RAW+JPEG simultaneous recording	RAW/C-RAW and JPEG simultaneous image recording quality is supported.
Image Size	JPEG 3:2: (L) 6960 x 4640, (M) 4800 x 3200, (S1) 3472 x 2320, (S2) 2400 x 1600, (RAW/CRAW) 6960 x 4640 JPEG 4:3: (L) 6160 x 4640, (M) 4256x3200, (S1) 3072x2320, (S2) 2112x1600, (RAW/CRAW) 6960 x 4640 JPEG 16:9: (L) 6960x3904, (M) 4800x2688, (S1) 3472x1952, (S2) 2400x1344, (RAW/CRAW) 6960 x 4640 JPEG 1:1: (L) 4646x4646, (M) 3200x3200, (S1) 2320x2320, (S2) 1600x1600, (RAW/CRAW) 6960 x 4640
Movie Type	MP4 MPEG-4 AVC/H.264 (variable averaged bit rate) Audio: AAC/Linea PCM
Movie Size	4K (3840 x 2160) Uncropped/Cropped 29.97 fps Full HD (1920 x 1080) 119.88 fps HD (1280 x 720) 59.94 fps HDR (1920 x 1080) 29.97 fps
Movie Length	Max duration 29min 59sec, Max file size 4GB (If file size exceeds 4GB a new file will be created automatically)

OTHER FEATURES	
Custom Functions	29 Custom Functions
Water / Dust resistance	Yes
Playback zoom	1.5x - 10x
Histogram	Brightness: Yes RGB: Yes
Image Erase/Protection	Erase: Single image, All images in folder, All images on card Protection: 6 options
Menu Languages	29 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malay, Indonesian and Japanese
Firmware Update	Update possible by the user.

Technical Specifications

EOS 90D

INTERFACE	
Computer	Hi-Speed USB
Other	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI mini output (Typce C only, CEC not supported), External microphone (3.5mm Stereo mini jack), Headphone socket (Stereo mini jack)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
PictBridge	Yes
STORAGE	
Type	SD, SDHC or SDXC (UHS-II) card
SUPPORTED OPERATING SYSTEMS	
PC & Macintosh	Windows 10 / 8.1 / 8 / 7(*)* With Microsoft .NET Framework 4.5 is installed. Mac OS X 10.9, 10.10, 10.11
SOFTWARE	
Image Processing	Digital Photo Professional 4.4.0 (RAW Image Processing)
Other	EOS Utility Canon Camera Connect App

POWER SOURCE	
Batteries	Rechargeable Li-ion Battery LP-E6N (supplied)
Battery life	Approx. 1860 (at 23° C)- Not including battery packs
Battery Indicator	6 levels + percentage
Power saving	Power turns off after 30 sec, 1, 2, 4, 8, 15min
Power Supply & Battery Chargers	AC Adapter AC-E6(N), DC coupler: DR-E6, Battery charger LC-E6/LC-E6E
ACCESSORIES	
Viewfinder	Eyecup Eb, E-series Dioptric Adjustment Lens, Eyepiece Extender EP-EX15, Angle Finder C
Wireless File Transmitter	Built in Wi-Fi transmission GPS Receiver GP-E2, Wireless remote BR-E1, Remote Controller RC-6, Remote Switch RS-60E3, Timer Remote Controller TC-80N3, Remote Controller Adapter RA-E3
Lenses	All EF and EF-S lenses
Flash	ST-E2, ST-E3-RT, EL-100, 270EX II, 430EX III RT/ 430 EX III, 470EX-AI, 600EX II-RT, Macro Ring Lite MR-14EX II, Macro Twin Lite MT-26EX-RT
Battery	Battery Park LP-E6N Battery Charger LC-E6 or LC-E6E Car Battery Cable CB-570 Care Battery Charger CBC-E6 Grip: BG-E14
Other	Hand Strap E2 Battery Magazine BGM-E14L / BGM-E14A
PHYSICAL SPECIFICATIONS	
Body Materials	Aluminum alloy and polycarbonate resin with glass fibre
Operating Environment	0 – 40 ° C, 85% or less humidity
Dimensions (WxHxD)	140.7 x 104.8 x 76.8mm
Weight (body only)	Approx. 701g (CIPA testing standard, including battery and memory card)

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.

Subject to change without notice.

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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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