

EOS 40D
DIGITAL

Canon
Delighting You Always



Take your **PHOTOGRAPHY** to the next level



Embark on a new journey of photography with the Canon EOS 40D. Featuring a newly developed 10.1-megapixel CMOS sensor and the powerful DIGIC III imaging processor, the EOS 40D gives you outstanding images with superior picture quality with every click of the shutter. The innovative Live View mode adds an extra dimension to your shooting experience, while the

EOS Integrated Cleaning System counters the effects of dust generation for clear and unblemished images every time. In addition, the EOS 40D is supported by the complete Canon EOS system of over 60 interchangeable lenses and its extensive range of accessories to complement all your photography needs.

WHEN YOU WANT TO GET SERIOUS ABOUT PHOTOGRAPHY, THE CANON EOS 40D IS THE CAMERA OF CHOICE.

10.1
Megapixel
CMOS Sensor

9-point
Cross Type
AF System

6.5fps
Continuous
Shooting

**LIVE
VIEW**
Mode

**DIGIC
III**
Imaging
Processor

EOS
Integrated
Cleaning
System

KEY FEATURES OF EOS 40D

10.1-megapixel CMOS sensor (APS-C size)

- Captures high-resolution images with low noise
- Wide ISO speed range from 100 to 1600 (H: 3200)

DIGIC III imaging processor

- 14-bit A/D conversion gives rapid processing speeds
- Maintains fine detail and accurate colour reproduction

New sRAW file format

- Gives you the versatility of RAW at a smaller file size

Fast continuous shooting at 6.5 fps

- Powerful DIGIC III imaging processor lets you fire off 6.5 fps up to a maximum of 75 shots

High-Precision 9-point Cross Type AF System

- Achieve extraordinarily fast and precise focusing
- All AF points operate as cross-type points at aperture size of f/5.6 (f/2.8 at centre AF point)

Live View mode

- Shooting from the LCD monitor allows easy verification of focus, composition and exposure
- Silent shooting mode for quiet environments
- Shoot remotely from your computer via a wired/wireless connection (with WFT-E3)

EOS Integrated Cleaning System

- Comprehensive measures to minimise the effects of dust particles on images
- Includes Self Cleaning Sensor Unit and Dust Delete Function

Picture Style

- Preset Picture Style settings enhance images to achieve desired effect
- Picture Style Editor lets you set your own image variables



Standard	Portrait	Landscape
Vivid, sharp and crisp images that appear sharply focused	Warm and lifelike skin tones with a softer focus	Vivid blue skies and greenery with a sharp, crisp focus



Neutral	Faithful	Monochrome
Natural colour reproduction and more subdued images	Highly accurate colour reproduction and sharpness that is faithful to the original	Black-and-white or sepia images

PictBridge Compatible

- Print without the need for a computer
- Advanced printing options like borderless printing, contact sheet printing and angle correction

Comprehensive EOS System

- Over 60 interchangeable auto-focus lenses from macro lenses to telephoto zoom lenses
- Extensive range of accessories such as Speedlite flashes and battery grips

SPECIFICATIONS

Type Type: Recording media:	Digital, single-lens reflex, AF/AE camera with built-in flash Type I or II CF card * Compatible with Microdrive and 2GB and larger CF cards * Recording to USB external media enabled with Wireless File Transmitter WFT-E3/E3A attached
Image sensor size: Compatible lenses: equivalent Lens mount:	22.2 x 14.8mm Canon EF lenses (including EF-S lenses) (35mm-focal length is approx. 1.6 times the lens focal length) Canon EF mount
Imaging Element Type:	High-sensitivity, high-resolution, large single-plate CMOS sensor
Effective pixels: Total pixels: Aspect ratio: colour filter system: Low-pass filter: Dust deletion feature:	Approx. 10.10 megapixels Approx. 10.50 megapixels 3:2 RGB primary colour filter Located in front of the image sensor, non-removable (1) Automatic sensor cleaning (2) Manual cleaning of sensor (3) Dust Delete Data appended to the captured image
Recording System Recording format: Image type: simultaneous recording:	Design rule for Camera File System 2.0 & EXIF 2.21 JPEG, RAW (14-bit) RAW+JPEG (1) Large/Fine: Approx. 3.5 MB (3888 x 2592 pixels) (2) Large/Normal: Approx. 1.8 MB (3888 x 2592 pixels) (3) Medium/Normal: Approx. 2.1 MB (2816 x 1880 pixels) (4) Medium/Fine: Approx. 1.1 MB (2816 x 1880 pixels) (5) Small/Fine: Approx. 1.2 MB (1936 x 1288 pixels) (6) Small/Normal: Approx. 0.7 MB (1936 x 1288 pixels) (7) RAW: Approx. 12.4 MB (3888 x 2592 pixels) (8) sRAW (Small RAW): Approx. 7.1 MB (1936 x 1288 pixels) * Exact file sizes depend on the subject, ISO speed, Picture Style, etc. Consecutive numbering, auto reset, manual reset sRGB, Adobe RGB Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3 With the WFT-E3/E3A attached, image recording to the CF card and to USB external media connected to the WFT-E3/E3A will be possible as follows: (1) Standard (2) Automatic switching of recording media (3) Set each recording media to record a specific image quality (4) Recording identical images to both recording media Enabled with WFT-E3/E3A attached (external storage excluded)
White Balance Type: Modes:	Auto white balance with the image sensor Auto, daylight, shade, cloudy, tungsten light, white fluorescent light, flash, custom, colour temperature setting
Colour temperature compensation:	White balance correction: ±9 stops in full-stop increments White balance bracketing: ±3 stops in full-stop increments * Blue/amber direction or magenta/green direction possible
Colour temperature information transmission:	Provided
Viewfinder Type: Coverage: Magnification: Eyepoint: Built-in diopter adjustment: Focusing screen:	Eye-level pentaprism Vertical/Horizontal approx. 95% Approx. 0.95x (1 diopter with 50mm lens at infinity) Approx. 22 mm -3.0 - +1.0 diopter Interchangeable (2 types sold separately), Ef-A standard focusing screen provided
Mirror:	Quick-return half mirror (Transmission:reflection ratio of 40/60, no mirror cut-off with EF600mm f/4L IS USM or shorter lenses) AF information (AF points, focus confirmation light), exposure information (shutter speed, aperture, AE lock, exposure level, ISO speed, exposure warning), flash information (flash ready, high-speed sync, FE lock, flash exposure compensation), monochrome shooting, white balance correction, maximum burst, CF card information Enabled with depth-of-field preview button
Viewfinder information:	AF information (AF points, focus confirmation light), exposure information (shutter speed, aperture, AE lock, exposure level, ISO speed, exposure warning), flash information (flash ready, high-speed sync, FE lock, flash exposure compensation), monochrome shooting, white balance correction, maximum burst, CF card information Enabled with depth-of-field preview button
Depth-of-field preview:	Enabled with depth-of-field preview button
Autofocus Type: AF points: Working range: Focus modes:	TTL secondary image-registration, phase detection 9 (Cross-type) EV -0.5 - 18 (at 23°C/73°F, ISO 100) One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF) Automatic selection, manual selection Superimposed in viewfinder and indicated on LCD panel AF-assist beam: Effective range: Small series of flashes fired by built-in flash Approx. 4.0 m/13.1 ft. at center, approx. 3.5 m/11.5 ft. at periphery
Exposure Control Metering modes:	35-zone TTL full-aperture metering - Evaluative metering (linkable to all AF point) - Partial metering (approx. 9% of viewfinder at center) - Spot metering (approx. 3.8% of viewfinder at center) - Center-weighted average metering EV 0-20 (at 23°C/73°F with EF50mm f/1.4 USM lens, ISO 100) 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, E-TTL II autofocus
Metering range:	EV 0-20 (at 23°C/73°F with EF50mm f/1.4 USM lens, ISO 100)
Exposure control:	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, E-TTL II autofocus
ISO speed (Recommended Exposure Index):	Basic Zone modes: ISO 100 - 800 set automatically Creative Zone modes: ISO 100 - 1600 (in 1/3-stop increments), Auto, or ISO speed can be expanded to ISO 3200
Exposure compensation:	Manual: ±3 stops in 1/3- or 1/2-stop increments (can be combined with AEB) AEB: ±3 stops in 1/3- or 1/2-stop increments
AE lock:	Auto: Applied in One-Shot AF mode with evaluative metering when focus is achieved Manual: By AE lock button
Shutter Type: Shutter speeds:	Electronically-controlled, focal-plane shutter 1/8000 to 30 sec. (1/3- and 1/2-stop increments), bulb, X-sync at 1/250 sec. Soft-touch electromagnetic release 10-sec. or 2-sec. delay Remote control with N3 type terminal
Shutter release: Self-timer: Remote control:	10-sec. or 2-sec. delay Remote control with N3 type terminal
Built-in Flash Type: Flash metering: Guide No.: Recycle time: Flash-ready indicator: Flash coverage: FE lock: Flash exposure compensation:	Retractable, auto pop-up flash E-TTL II autofocus 13/43 (ISO 100, in meters/feet) Approx. 3 sec. Flash-ready icon lights in viewfinder Up to 17mm focal length (equiv. to 27mm in 135 format) Provided ±2 stops in 1/3- or 1/2-stop increments

External Speedlite Compatible flash: Flash metering: Flash exposure compensation: FE lock: External flash settings: PC terminal: Zooming to match lens focal length:	EX-series Speedlites E-TTL II autofocus ±2 stops in 1/3- or 1/2-stop increments Provided Flash function settings, Flash C.Fn settings Available Available
Drive System Drive modes:	Single, High-speed continuous, Low-speed continuous, and Self-timer (10 sec. or 2 sec. delay)
Continuous shooting speed (Approx.):	High-speed: Max. 6.5 shots/sec., Low-speed: Max. 3 shots/sec.
Maximum burst:	JPEG (Large/Fine): Approx. 75, RAW: Approx. 17 RAW+JPEG (Large/Fine): Approx. 14
Focusing:	* Based on Canon's testing standards with 1GB CF card, high-speed continuous shooting, ISO 100, and Standard Picture Style * Varies depending on the subject, CF card brand, image-recording quality, ISO speed, drive mode, Picture Style, etc.
Live View Functions Shooting modes:	(1) Live View shooting (2) Remote Live View shooting (with a personal computer installed with EOS Utility) Manual focus Autofocus (Live View image interrupted for AF) Evaluative metering with the image sensor EV 0 - 20 (at 23°C/73°F with EF50mm f/1.4 USM lens, ISO 100) Magnifiable by 5x or 10x at AF point Provided Exposure simulation: Provided Silent shooting: Provided (Mode 1 and 2)
Metering modes: Metering range:	Evaluative metering with the image sensor EV 0 - 20 (at 23°C/73°F with EF50mm f/1.4 USM lens, ISO 100)
Magnified view: Grid display: Exposure simulation: Silent shooting:	Magnifiable by 5x or 10x at AF point Provided Provided Provided (Mode 1 and 2)
LCD Monitor Type: Monitor size: Pixels: Coverage: Brightness adjustment: Interface languages:	TFT colour liquid-crystal monitor 3.0 in. Approx. 230,000 Approx. 100% 7 levels provided 18
Image Playback Display format:	Single image, Single image + Image-recording quality, shooting information, histogram, 4- or 9-image index, magnified view (approx. 1.5x - 10x), rotated image, image jump (by 1/10/100 images, 1 screen, or shooting date) Provided (Overexposed highlights blink)
Highlight alert:	Provided (Overexposed highlights blink)
Image Protection and Erase Protect: Erase:	Single images can be erase-protected or not. Single image, checkmark images, or all images in the CF card can be erased (except protected images) at one time
Direct Printing Compatible printers: Printable images:	PictBridge-compatible printers JPEG images compliant to Design rule for Camera File System (DPOF printing possible) and RAW/sRAW images captured with the EOS 40D Provided
Easy Print feature:	Provided
DPOF: Digital Print Order Format DPOF:	Version 1.1 compatible
Direct Image Transfer Compatible images:	JPEG and RAW/sRAW images * Only JPEG images can be transferred as wallpaper on the personal computer screen
Customization Custom Functions: Camera user settings: My Menu registration:	Total 24 Register under Mode Dial's C1, C2, and C3 positions Provided
Interface USB terminal: (USB 2.0 Hi-Speed) Video OUT terminal: Extension system terminal:	For personal computer communication and direct printing NTSC/PAL selectable For connection to WFT-E3/E3A
Power Source Battery:	Single Battery Pack BP-511A, BP-514, BP-511, or BP-512 * AC power can be supplied via AC Adapter Kit ACK-E2 * With Battery Grip BG-E2N or BG-E2 attached, size-AA batteries can be used Battery life: [Number of shots · approx.]
Battery check: Power saving: Date/Time battery: Startup time:	Auto Provided. Power turns off after 1, 2, 4, 8, 15, or 30 min. One CR2016 lithium battery Approx. 0.15 sec.
Dimensions and Weight Dimensions (W x H x D): Weight:	145.5 x 107.8 x 73.5 mm / 5.7 x 4.2 x 2.9 in. Approx. 740 g / 26.1 oz. (body only)
Operation Environment Working temperature range: Working humidity:	0°C - 40°C / 32°F - 104°F 85% or less
*All the specifications above are based on Canon's testing standards. *The camera's specifications and exterior are subject to change without notice.	

New Optional Lenses & Accessories

EF-S 18-55mm f/3.5 - 5.6 IS	EF-S 55-250mm f/4-5.6 IS	WFT-E3 Wireless File Transmitter

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