

High Performance and Quality

The ultimate mid-range DSLR for the developing enthusiast photographer.

EOS 50D

A 15.1 megapixel Canon-developed CMOS sensor and DiGiC 4 Image Processor combine to deliver superb image quality with low noise and natural colour reproduction. Key new features include Creative Auto mode and Quick Control screen for improved operation, and Auto Lighting Optimiser for automatic image correction. With the ability to capture up to 6.3 fps in incredible 14-bit colour, the EOS 50D is the clear choice for the Digital SLR photography enthusiast.



Key Features

High quality images

- 15.1 megapixel CMOS Sensor
- DiGiC 4 Image Processor
- Noise Reduction for high ISO speeds

High performance features

- Live View shooting (Live, Quick & Live Face Detection AF modes)
- HDMI Output in full High-Definition

Digital SLR photography made easy

- High speed & precision 9-point AF
- 3.0" LCD screen
- Creative Auto mode and Quick Control screen
- Compatible with all EF and EF-S lenses

Highly intuitive

- Automatic image correction
- Auto Lighting Optimiser
- Auto correction of lens peripheral illumination
- EOS Integrated Cleaning System

Excellent customisation features

- Register up to two camera user settings
- Twenty-five custom functions
- My Menu

15.1 MEGA
PIXELS
CMOS

DiGiC
4

All
Cross-type
point
9 AF

6.3
Frames
Per Sec

ISO
3200

LiveView
MODE

3.0" LCD
ClearView

Self Cleaning
SENSOR UNIT

0.1 sec
Startup Time

High quality images

15.1 megapixel Canon-developed CMOS sensor captures superb image quality with low noise and natural colour

Superior processing

New DiGiC 4 Processor means faster processing and new features such as Live Face Detection AF Mode

Sharp focusing

9-point AF for ultra sharp images. You can manually select any of the 9 points to ensure correct sharp focus

Fast shooting

Capturing 6.3 fps with the ability to capture 60 shots in a single continuous burst: JPEG

Incredible image detail in low light

Standard ISO (100-3200) and expandable to an incredible H1:6400 and H2:12800

Live View modes

Now with new Live Face Detection AF mode, you'll never miss a sharp portrait in LiveView.

Sharper previews

3.0" (920,000 dots) LCD Screen with anti-reflection & smudge-resistant surface for clear photo previews

Cleaner Images

Prevents & automatically removes tiny dust particles resulting in cleaner images

Don't miss a moment

Incredibly fast 0.1 second start up time so you are always ready to capture spontaneous shots



DiGiC 4 Image Processor

Combining the best features of DiGiC III for producing superior image quality, Canon's newest image processor, DiGiC 4, boasts even faster signal processing. Delivering high speed start-up, fast auto-focus, smooth continuous shooting, and new advanced features including Live face detection and Auto Lighting Optimizer, Canon's DiGiC 4 makes it easy to get great shots in any conditions.

EOS 50D Technical Specifications

EOS 50D Technical Specifications	
Imaging	
Imaging Sensor/Effective Pixels	CMOS/ 15.1 MP (APS-C)
Effective Sensor Size	22.3 x 14.9 mm
A/D Resolution Power	14-bit
Colour Filter Size	RGB Primary Colours
35mm Focal Length Equivalent	1.6x
Image Recording	
Medium	CF card Types I & II
Image Size	
Large / Fine	4,752 x 3,168 / Approx 5.0MB
Large / Normal	4,752 x 3,168 / Approx 2.5MB
Medium / Fine	3,456 x 2,304 / Approx 3.0MB
Medium / Normal	3,456 x 2,304 / Approx 1.6MB
Small / Fine	2,352 x 1,568 / Approx 1.7MB
Small / Normal	2,352 x 1,568 / Approx 0.9MB
RAW	4,752 x 3,168 / Approx 20.2MB
sRAW1	3,267 x 2,178 / Approx 12.6MB
sRAW2	2,376 x 1,584 / Approx 9.2MB
RAW/JPEG Simultaneous Recording	Yes
Viewfinder	
Coverage (vertical/horizontal)	0.95
Dioptric Adjustment	-3 to +1 dpt
Interchangeable Focusing Screens	Yes
Auto Focus	
AF Points	9
Exposure Control	
Shooting Modes	9
Metering Segments	35
Metering Modes	Evaluative, Partial, Spot, Centre-weighted
ISO Speed Range	ISO 100-3200 (H1: 6400, H2: 12800)
Exposure Compensation	Manual, AEB ±3: 1/3-stop or 1/2-half increments
Shutter	
Shutter Speed	1/8000 sec. -30., Bulb, X-sync at 1/250 sec.
Flash Control	
E-TTL II Autoflash	Yes
Built-in Flash / Guide Number	Provided / 13
Speed	
Shooting Speed	6.3 fps/60 shots max burst (JPEG); 16 shots (RAW)
White Balance	
Settings	9
WB Bracketing	Yes
General Features	
LCD Monitor	TFT-3.0" (920,000 dots)
Custom Functions/Settings	25
Start Up Time	0.1 sec
Integrated Cleaning System	Yes
Live View	Yes (Quick, Live & Live Face Detection AF Modes)
External Interface	Hi-Speed USB/ Video OUT/HDMI
Remote Control Terminal	Yes (N3-type)
Battery	BP-511A
Chassis Material	Stainless steel + polycarbonate with glass fibre
Dimensions (W x H x D) mm	145.5 x 107.8 x 73.5
Weight excl. battery (g)	730

Subject to change without notice



Standard Accessories

- Focusing screen Ef-A
- Battery Pack BP-511A
- Battery Charger CB-5L
- Interface Cable IFC-200U
- Video Cable VC-100
- Date/time CR2016 lithium battery
- Wide Strap EW-EOS50D

Software Included

- EOS DIGITAL Solution Disk
- Software Instruction Manual

Optional Accessories

- All EF & EF-S Lenses
- Canon EX-series Speedlites
- Macro Ring Lite MR-14EX
- Macro Twin Lite MT-24EX
- E-series Dioptric Adjustment Lenses
- Angle Finder C
- Rubber Frame Eb
- Eyepiece Extender EP-EX15
- Battery Grip BG-E2N
- Original Data Security Kit OSK-E3
- Battery Magazine BGM-E2
- Interface Cable IFC-500U
- Compact Power Adapter CA-PS400 & CA-570
- AC Adapter Kit ACK-E2
- Battery Charger CG-570
- Car Battery Cable CB-570
- HDMI Cable HTC-100
- Wireless File Transmitter WFT-E3/WFT-E3A
- Timer Remote Controller TC-80N3
- Remote Switch RS-80N3
- Wireless Controller LC-5
- Focusing Screens Ef-D & Ef-S
- Speedlite Transmitter ST-E2



Battery Grip

- BG-E2N



EF Lens

- EF-S18-200mm f/3.5-5.6 IS



AC Adapter Kit

- ACK-E2



Remote Switch

- RS-80N3



Speedlite

- 430EXII



Eyepiece Extender

- EP-EX15