

The EOS 70D enables enthusiast photographers to take control and get more creative

EOS 70D

The EOS 70D is Canon's latest addition to the enthusiast range of DSLR cameras. Packed with innovative features and offering professional-level control, the EOS 70D will help a new generation of creative photographers get more involved in the image capture process for more satisfying results. Appealing strongly to serious photographers, the 70D's groundbreaking Dual Pixel CMOS AF system enables faster AF acquisition, exceptional tracking performance and smooth AF during movie shooting & in Live View.



Key Features

High performance

- 20.2 Megapixel CMOS sensor
- Dual Pixel CMOS AF – world first
- DiGiC 5+ Image Processor
- ISO 100-12800 (expandable to 25600)
- 19-point all cross-type AF
- 7 frames per second
- Approx 98% Optical Viewfinder coverage

Creative versatility

- Record FULL High Definition movies
- HDR Mode
- Multiple Exposures
- Multi-Shot Noise Reduction
- Hand Held Night Scene Mode
- HDR Backlight Control
- 7 Creative Filters
- 3.0" Vari-angle ClearView II LCD capacitive touch screen

Advanced functionality

- Instant sharing and remote control with Wi-Fi
- Supports GPS Receiver GP-E2
- Intelligent Viewfinder
- In-camera RAW processing
- Multi-aspect Live View function, displayed on viewfinder
- Built-in stereo microphone

Dual Pixel CMOS AF

World-first AF Technology

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

20.2 MEGA PIXELS CMOS

High Quality Images

20.2 mega pixel Canon-developed CMOS sensor captures superb image quality with low noise and natural colour

ISO
12800
6400

Incredible image detail in low light

Standard ISO (100-12800), expandable to 25600

Wi-Fi
CERTIFIED

Clever connectivity

Integrated Wi-Fi providing the freedom to remotely control the camera, as well as share images

All Cross-type
19 AF

Sharp Focusing

19-point all cross-type AF for ultra sharp images.

70
Frames
Per Sec

Fast Shooting

Up to 7 frames per second for a continuous burst of up to 65 JPEG or 16 RAW images.*

EOS Movie
FULL HD

EOS Movies (FULL HD)

Record incredible movies in FULL HD (1920 x 1080p) using high speed AF

Creative Filters

Creative Art Filters

Apply 7 creative filters to images for an added effect: Fish Eye, Soft Focus, Toy Camera, Grainy B&W, Miniature, Art Bold and Water Painting effects are available

*UHS-I card required for maximum burst duration



50 Million Canon EOS Cameras

Canon has a long and proud history of producing SLR cameras that both set the technology benchmark and evolve to satisfy the needs of all users from professional shooters to entry-level users. The EOS Series, which stands for "Electro Optical System" was first introduced in March 1987 as a new generation of AF SLR cameras and reached its 70-million unit production milestone in October 2011.

EOS 70D Technical Specifications

Imaging	
Imaging Sensor/Effective Pixels	CMOS / 20.2 MP
Effective Sensor Size	Approx 22.5x 15.0 mm
A/D Resolution Power	14-bit
Colour Filter Size	Primary Colours, APS-C
35mm Focal Length Equivalent	1.6X
Image Recording	
Medium	SD/SDHC/SDXC/UHS-I
Image Size	
Large	Approx. 20 megapixels (5472 x 3648)
Medium	Approx. 8.9 megapixels (3648 x 2432)
Small 1	Approx. 5 megapixels (2736 x 1824)
Small 2	Approx. 2.5 megapixels (1920 x 1280)
Small 3	Approx. 350,000 pixels (720 x 480)
RAW	Approx. 20 megapixels (5472 x 3648)
Movie Shooting	
1920 x 1080 (FULL HD)	30p/25p/24p (IPB): approx 235 MB/min
1280 x 720 (HD)	60p/50p (IPB): approx 205 MB/min
640 x 480 (HD)	30p/25p (IPB): Approximately 78 MB/min
Viewfinder	
Coverage (vertical/horizontal)	98%
Dioptric Adjustment	-3 to +1m dpt
Auto Focus	
AF Points	19 AF points, all cross type
Exposure Control	
Shooting Modes	10 standard modes
Metering Segments	63 zone TTL full aperture
Metering Modes	Evaluative, Partial, Spot, Centre-weighted average
ISO Speed Range	ISO 100-12800 (expandable to ISO 25600)
Exposure Compensation	1/3 or 1/2-stop increments Normal: ±5; Manual, AEB: ±3
Shutter	
Shutter Speed	1/8000 sec – 30, bulb, X-sync 1/250 sec.
Flash Control	
E-TTL II Autoflash	Yes
Built-in Flash / Guide Number	Yes / 12
Speed	
Shooting Speed	7 fps
White Balance	
Settings	9
WB Bracketing	Yes
General Features	
LCD Monitor	3" Vari Angle TFT Colour Liquid Crystal (Approx. 1,040,000 dots)
Custom Functions/Settings	23/6
Integrated Cleaning System	Yes
Live View	Yes (Live View Shooting, Movie Servo AF, Remote Live View Shooting, Face Detection, AF Mode, Manual, Magnified View, Multi Aspect Ratio, Exposure Simulation display)
External Interface	Hi-Speed USB/ HDMI / Stereo Audio OUT/ External Microphone IN / Remote Control Terminal (RS-60E3)
Wireless Remote Control Shooting	Yes (RC-6)
Battery	Lithium Ion LP-E6
Chassis Material	Aluminium alloy and polycarbonate resin with glass fibre
Dimensions (W x H x D) mm	139 x 104.3 x 78.5 mm
Weight incl. battery (g)	755



Standard Accessories

- Battery Charger LC-E6
- Battery Pack LP-E6
- Eyecup Eb
- Wide Strap EW-EOS70D
- Interface Cable
- EOS DIGITAL Solution Disk
- Software Instruction Manual

Optional Accessories

- All EF and EF-S Lenses
- Macro Ring Lite MR-14EX
- Macro Twin Lite MT-24EX
- Speedlites 600EX-RT/430EXII/320EX/270EXII/ST-E2/ST-E3-RT
- Remote Switch RS-60E3
- Remote Controller RC-6
- Eyepiece Extender EP-EX15
- Rubber Frame Eb
- E-series Dioptric Adjustment Lenses
- Angle Finder C
- Hand Strap E2
- Battery Grip BG-E14
- Battery Magazine BGM-E14L (for two LP-E6)
- Battery Magazine BGM-E14A (for AA batteries)
- AC Adapter Kit ACK-E6 (AC Adapter AC-E6 and DC Coupler DR-E6)
- Interface Cable IFC-200U/500U
- SD/SDHC/SDXC/UHS-I Memory Cards
- Card Reader
- External Microphone
- HDMI Cable HTC-100
- Stereo AV Cable AVC-DC400ST