

## specifications for canon digital slr camera eos-600d (18-55)



### Technical Specification

<b>Type</b>	Digital, single-lens reflex, AF / AE camera with built-in flash
Recording media	SD memory card, SDHC memory card, SDXC memory card
Image sensor size	Approx. 22.3 x 14.9mm
Compatible lenses	Canon EF lenses (including EF-S lenses) (35mm-equivalent focal length is approx. 1.6 times the lens focal length)
Lens mount	Canon EF mount
<b>Image Sensor</b>	
Type	CMOS sensor
Effective pixels	Approx. 18.00 megapixels
Aspect ratio	3:2
Dust delete feature	Auto, Manual, Dust Delete Data appending
<b>Recording System</b>	

Recording format	Design rule for Camera File System 2.0	
Image type	JPEG, RAW (14-bit Canon original) RAW+JPEG Large simultaneous recording possible	
Recording pixels	L (Large):	Approx. 17.90 megapixels (5184 x 3456)
	M (Medium):	Approx. 8.00 megapixels (3456 x 2304)
	S1 (Small 1):	Approx. 4.50 megapixels (2592 x 1728)
	S2 (Small 2):	Approx. 2.50 megapixels (1920 x 1280)
	S3 (Small 3):	Approx. 350,000 pixels (720 x 480)
	RAW:	Approx. 17.90 megapixels (5184 x 3456)
<b>Image Processing During Shooting</b>		
Picture style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3	
Basic+	Shoot by ambience selection, Shoot by lighting or scene type	
White balance	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White balance correction and white balance bracketing features provided * Flash colour temperature information communication provided.	
Noise reduction	Applicable to long exposures and high ISO speed shots	
Automatic image brightness correction	Auto Lighting Optimizer	
Highlight tone priority	Provided	
Lens peripheral illumination correction	Provided	
<b>Viewfinder</b>		
Type	Eye-level pentamirror	
Coverage	Vertical / Horizontal approx. 95% (with Eye point approx. 19mm)	
Magnification	Approx. 0.85x ( $-1\text{m}^{-1}$ with 50mm lens at infinity)	

Eyepoint	Approx. 19mm (From eyepiece lens center at $-1\text{m}^{-1}$ )	
Built-in dioptic adjustment	Approx. $-3.0 - +1.0\text{m}^{-1}$ (dpt)	
Focusing screen	Fixed, Precision Matte	
Mirror	Quick-return type	
Depth-of-field preview	Provided	
<b>Autofocus</b>		
Type	TTL secondary image-registration, phase detection	
AF points	9 AF points	
Metering range	EV $-0.5 - 18$ (at $23^{\circ}\text{C} / 73^{\circ}\text{F}$ , ISO 100)	
Focus modes	One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)	
AF-assist beam	Small series of flashes fired by built-in flash	
<b>Exposure Control</b>		
Metering modes	63-zone TTL full-aperture metering (1) Evaluative metering (linked to all AF points) (2) Partial metering (approx. 9% of viewfinder at center) (3) Spot metering (approx. 4% of viewfinder at center) (4) Center-weighted average metering	
Metering range	EV $1 - 20$ (at $23^{\circ}\text{C} / 73^{\circ}\text{F}$ with EF50mm f/1.4 USM lens, ISO 100)	
Exposure control	Program AE (Scene Intelligent Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, Program), shutter-priority AE, aperture-priority AE, manual exposure, automatic depth-of-field AE	
ISO speed (Recommended exposure index)	Basic zone modes:	ISO 100 - 3200 set automatically
	Creative zone modes:	ISO 100 - 6400 set manually (whole-stop increments), ISO 100 - 6400 set automatically, maximum ISO speed settable for ISO Auto, or ISO expansion to "H" (equivalent to ISO 12800)
Exposure compensation	Manual:	$\pm 5$ stops in 1/3- or 1/2-stop increments
	AEB:	$\pm 2$ stops in 1/3- or 1/2-stop increments (Can be combined with manual exposure compensation)
AE lock	Auto:	Applied in One-Shot AF mode with evaluative metering when

		focus is achieved
	Manual:	By AE lock button
<b>Shutter</b>		
Type	Electronically-controlled, focal-plane shutter	
Shutter speeds	1/4000sec. to 1/60sec. (Scene Intelligent Auto mode), X-sync at 1/200secs 1/4000sec. to 30secs., bulb (Total shutter speed range. Available range varies by shooting mode.)	
<b>Flash</b>		
Built-in flash	Retractable, auto pop-up flash	
	Guide No:	Approx. 13 / 43 (ISO 100, in meters / feet)
	Flash coverage:	Approx. 17mm lens angle of view
	Recycling time approx. 3secs.	
	Wireless master unit function provided	
External flash	EX-series Speedlite (Flash functions settable with the camera)	
Flash metering	E-TTL II autoflash	
Flash exposure compensation	±2 stops in 1/3- or 1/2-stop increments	
FE lock	Provided	
PC terminal	None	
<b>Drive System</b>		
Drive mode	Single shooting, continuous shooting, self-timer with 10-secs. or 2-secs. delay and 10-secs. delay with continuous shooting	
Continuous shooting speed	Max. approx. 3.7 shots/sec.	
Max. burst	JPEG Large / Fine:	Approx. 34 shots
	RAW:	Approx. 6 shots
	RAW+JPEG Large / Fine:	Approx. 3 shots
	* Figures are based on Canon's testing standards (ISO 100 and "Standard" Picture Style) using a 4GB card.	
<b>Live View Shootings</b>		
Aspect ratio settings	3:2, 4:3, 16:9, 1:1	
Focusing	Live mode, Face detection Live mode (Contrast detection), Quick mode (Phase-difference detection), Manual focusing (Approx. 5x / 10x magnification possible)	
Metering modes	Evaluative metering with the image sensor	

Metering range	EV 0 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)	
Grid display	Two types	
<b>Movie Shooting</b>		
Movie compression	MPEG-4 AVC / H.264 Variable (average) bit rate	
Audio recording format	Linear PCM	
Recording format	MOV	
Recording size and frame rate	1920 x 1080 (Full HD):	30p / 25p / 24p
	1280 x 720 (HD):	60p / 50p
	640 x 480 (SD):	30p / 25p
	* 30p: 29.97fps, 25p: 25.00fps, 24p: 23.976fps, 60p: 59.94fps, 50p: 50.00fps	
File size	1920 x 1080 (30p / 25p / 24p):	Approx. 330MB/min.
	1280 x 720 (60p / 50p):	Approx. 330MB/min.
	640 x 480 (30p / 25p):	Approx. 82.5MB/min.
Focusing	Same as focusing with Live View shooting	
Metering modes	Center-weighted average and evaluative metering with the image sensor * Automatically set by the focusing mode.	
Metering range	EV 0 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)	
Exposure control	Program AE for movies and manual exposure	
Exposure compensation	±3 stops in 1/3-stop increments (Still photos: ±5 stops)	
ISO speed (Recommended exposure index)	With auto exposure shooting:	Automatically set within ISO 100 - 6400
	With manual exposure:	ISO 100 - 6400 set automatically / Manually
Digital zoom	Approx. 3x - 10x	
Video snapshots	Settable to 2secs. / 4secs. / 8secs.	
Sound recording	Built-in monaural microphone External stereo microphone terminal provided Sound recording level adjustable, wind filter provided	
Grid display	Two types	
<b>LCD Monitor</b>		

Type	TFT colour liquid-crystal monitor
Monitor size and dots	Wide, 3.0-in. (3:2) with approx. 1.04 million dots
Angle adjustment	Possible
Brightness adjustment	Manual (7 levels)
Interface languages	25
Feature guide	Displayable
<b>Playback</b>	
Image display formats	Single image, Single image + Info (Basic info, shooting info, histogram), 4-image index, 9-image index, image rotate possible
Zoom magnification	Approx. 1.5x - 10x
Image browsing methods	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating
Highlight alert	Overexposed highlights blink
Movie playback	Enabled (LCD monitor, video / audio OUT, HDMI OUT), Built-in speaker
Slide show	All images, by date, by folder, movies, stills or by rating Five transition effects selectable
Background music	Selectable for slide shows and movie playback
Bass boost	Provided
<b>Post-Processing of Images</b>	
Creative filters	Grainy B/W, Soft focus, Fish-eye Effect, Toy Camera Effect, Miniature Effect
Resize	Possible
<b>Direct Printing</b>	
Compatible printers	PictBridge-compatible printers
Printable images	JPEG and RAW images
Print ordering	DPOF Version 1.1 compatible
<b>Custom Functions</b>	
Custom functions	11
My menu registration	Possible
Copyright information	Entry and inclusion possible
<b>Interface</b>	
Audio / video OUT / Digital	Analog video (Compatible with NTSC / PAL) / stereo audio

terminal	output For personal computer communication and direct printing (Hi-Speed USB equivalent)	
HDMI mini OUT terminal	Type C (Auto switching of resolution), CEC-compatible	
External microphone IN terminal	3.5mm dia. stereo mini jack	
Remote control terminal	For Remote Switch RS-60E3	
Wireless remote control	Remote Controller RC-6	
<b>Power</b>		
Battery	Battery Pack LP-E8 (Qty.1) * AC power can be supplied via AC Adapter Kit ACK-E8. * With Battery Grip BG-E8 attached, size-AA / LR6 batteries can be used.	
Battery Life (Based on CIPA testing standards)	With viewfinder shooting:	Approx. 440 shots at 23°C / 73°F Approx. 400 shots at 0°C / 32°F
	With Live View shooting:	Approx. 180 shots at 23°C / 73°F Approx. 150 shots at 0°C / 32°F
	Movie shooting time:	Approx. 1hr. 40mins. at 23°C / 73°F Approx. 1hr. 20mins. at 0°C / 32°F (With a fully-charged Battery Pack LP-E8)
<b>Dimensions and Weight</b>		
Dimensions (W x H x D)	Approx. 133.1 x 99.5 x 79.7mm / 5.2 x 3.9 x 3.1in.	
Weight	Approx. 570g / 20.1oz. (CIPA Guidelines) Approx. 515g / 18.2oz. (Body only)	
<b>Operating Environment</b>		
Working temperature range	0°C - 40°C / 32°F - 104°F	
Working humidity	85% or less	

- All the specifications above are based on Canon's testing standards. Accessories subject to availability.
- The camera's specifications and exterior are subject to change without notice.
- If a problem occurs with a non-Canon lens attached to the camera, consult the respective lens maker.

## Product Description:

With 18 mega pixels, Canon 600D, the TIPA and EISA award winner DSLR, is said to be the most recommended entry-level DSLR, if you are beginner. It uses DIGIC 4 image processor of 14 bit, which gives you speedy process of the images. It also comes with ISO speed of 100-6400, further expandable up to 12800, which allows you to shoot in extremely dim light conditions either. For the moments worth more than an image, this DSLR, with beginner friendly features, records full HD quality video. Canon EOS 600D is compatible with the entire range of EF mount lenses and EF-S mount lenses and comes with two year Canon India warranty.



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