

Specifications for canon digital slr camera eos 5d mark iii w 24-105



Technical Details

Type	
Type	Digital, single-lens reflex, AF / AE camera
Recording Media	CF card (Type I, UDMA mode 7-compatible), SD memory card, SDHC memory card, SDXC memory card
Image sensor size	Approx. 36 x 24mm
Compatible Lenses	Canon EF lenses (except EF-S lenses) (35 mm-equivalent lens focal length will be as indicated on the lens)
Lens Mount	Canon EF mount
Image Sensor	
Type	CMOS sensor
Effective Pixels	Approx. 22.30 megapixels
Aspect Ratio	3:2
Dust Delete Feature	Auto, Manual, Dust Delete Data appending
Recording System	

Recording Format	Design rule for Camera File System 2.0	
Image Type	JPEG, RAW (14-bit Canon original), RAW + JPEG simultaneous recording enabled	
Recording Pixels	L (Large):	Approx. 22.10 megapixels (5760 x 3840)
	M (Medium):	Approx. 9.80 megapixels (3840 x 2560)
	S1 (Small 1):	Approx. 5.50 megapixels (2880 x 1920)
	S2 (Small 2):	Approx. 2.50 megapixels (1920 x 1280)
	S3 (Small 3):	Approx. 350,000 pixels (720 x 480)
	RAW:	Approx. 22.10 megapixels (5760 x 3840)
	M-RAW:	Approx. 10.50 megapixels (3960 x 2640)
	S-RAW:	Approx. 5.50 megapixels (2880 x 1920)
Recording function	Standard, Auto switch card, Rec. separately, Rec. to multiple	
Create / Select a Folder	Possible	
File name	Preset code, User setting 1, User setting 2	
File numbering	Continuous, auto reset, manual reset	
Image Processing During Shooting		
Picture Style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3	
White Balance	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom, Colour temperature setting (Approx. 2500 - 10000K), White balance correction, and White balance bracketing possible * Flash colour temperature information transmission enabled	
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	Peripheral illumination correction, Chromatic aberration correction	
Viewfinder		
Type	Eye-level pentaprism	
Coverage	Vertical / Horizontal Approx. 100% (with Eye point Approx. 21mm)	
Magnification	Approx. 0.71x (-1m^{-1} with 50mm lens at infinity)	
Eyepoint	Approx. 21mm (from eyepiece lens center at -1m^{-1})	

Build-in Dioptic adjustment	Approx. $-3.0 - +1.0\text{m}^{-1}$ (dpt)	
Focusing Screen	Fixed	
AF status indicator	Provided	
Grid display	Provided	
Electronic level	Horizontal:	1° increments, $\pm 6^\circ$
	Vertical:	1° increments, $\pm 4^\circ$
	* During horizontal shooting	
Mirror	Quick-return type	
Depth-of-field Preview	Provided	
Autofocus		
Type	TTL secondary image-registration, phase detection	
AF Points	61 points (Up to 41 cross-type points) * Number of available AF points and cross-type points vary depending on the lens.	
Focusing Brightness Range	EV -2 - 18 (with center f/2.8 AF point, 23°C / 73°F, ISO 100)	
Focusing Modes	One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)	
AF Area Selection Modes	Single-point Spot AF (manual selection), Single-point AF (manual selection), AF point expansion (manual selection; up, down, left, and right), AF point expansion (manual selection; surround), Zone AF (manual selection), Auto selection of 61 AF points	
AF Configuration Tool	Case 1 - 6	
AI Servo Characteristics	Tracking sensitivity, Acceleration / deceleration tracking, AF point auto switching	
AF Fine Adjustment	AF Microadjustment (All lenses by same amount or Adjust by lens)	
AF-assist Beam	Emitted by the EOS-dedicated external Speedlite	
Exposure Control		
Metering Modes	63-zone TTL full-aperture metering <ul style="list-style-type: none"> • Evaluative metering (linked to all AF points) • Partial metering (Approx. 6.2% of viewfinder at center) • Spot metering (Approx. 1.5% of viewfinder at center) • Center-weighted average metering 	
Metering Range	EV 1 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)	
Exposure Control	Program AE (Scene Intelligent Auto, Program), Shutter-priority AE,	

	Aperture-priority AE, Manual exposure, Bulb exposure	
ISO Speed (Recommended exposure index)	Scene Intelligent Auto: ISO 100 - 12800 set automatically P, Tv, Av, M, B: Auto ISO, ISO 100 - 25600 (in 1/3- or whole-stop increments), or ISO expansion to L (50), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400)	
ISO Speed Settings	ISO speed range, Auto ISO range, and Auto ISO minimum shutter speed settable	
Exposure Compensation	Manual:	±5 stops in 1/3- or 1/2-stop increments
	AEB:	±3 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
HDR Shooting		
Dynamic Range Adjustment	Auto, ±1 EV, ±2 EV, ±3 EV	
Effect	Natural, Art standard, Art vivid, Art bold, Art embossed	
Auto Image Align	Possible	
Multiple Exposures		
Shooting Method	Function / control priority, Continuous shooting priority	
No. of Multiple Exposures	2 to 9 exposures	
Multiple-Exposure Control	Additive, Average, Bright, Dark	
Shutter		
Type	Electronically-controlled, focal-plane shutter	
Shutter Speeds	1/8000sec. to 1/60sec. (Scene Intelligent Auto mode), X-sync at 1/200sec. * With a wide-angle lens, the shutter speed may be 1/60sec. or slower. 1/8000sec. to 30secs., bulb (Total shutter speed range. Available range varies by shooting mode.)	
Drive System		
Drive Modes	Single shooting, High-speed continuous shooting, Low-speed continuous shooting, Silent single shooting, Silent continuous shooting, 10secs. self-timer / remote control, 2secs. self-timer / remote control	

Continuous Shooting Speed	High-speed continuous shooting:	Max. Approx. 6 shots/sec.
	Low-speed continuous shooting:	Max. Approx. 3 shots/sec.
	Silent continuous shooting:	Max. Approx. 3 shots/sec.
Max. Burst	JPEG Large / Fine:	Approx. 65 shots (Approx. 16270 shots)
	RAW:	Approx. 13 shots (Approx. 18 shots)
	RAW + JPEG Large / Fine:	Approx. 7 shots (Approx. 7 shots)
	<p>* Figures are based on Canon's testing standards (ISO 100 and Standard Picture Style) and a 8GB card. * Figures in parentheses apply to an UDMA mode 7, 128GB card based on Canon's testing standards.</p>	
External Speedlite		
Compatible Speedlites	EX-series Speedlites	
Flash Metering	E-TTL II autoflash	
Flash Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments	
FE Lock	Provided	
PC Terminal	Provided	
External Speedlite control	Provided * Compatible with radio wireless flash photography.	
Live View Shooting		
Shooting Modes	3:2, 4:3, 16:9, 1:1	
Focusing Modes	Live mode, Face detection Live mode (contrast detection), Quick mode (phase-difference detection), Manual focusing (Approx. 5x / 10x magnification possible)	
Focusing brightness range	EV 1 - 18 (with contrast detection, at 23°C / 73°F, ISO 100)	
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)	
Silent Shooting	Provided (Mode 1 and 2)	
Three Types	Three types	
Movie Shooting		
Movie Recording 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	
Compression Method	ALL-I (I-only), IPB	
File size	1920 x 1080 (30p / 25p / 24p) / IPB:	Approx. 235MB/min.
	1920 x 1080 (30p / 25p / 24p) / ALL-I :	Approx. 685MB/min.
	1280 x 720 (60p / 50p) / IPB:	Approx. 205MB/min.
	1280 x 720 (60p / 50p) / ALL-I:	Approx. 610MB/min.
	640 x 480 (30p / 25p) / IPB:	Approx. 78MB/min.
	* Card reading / writing speed necessary for movie shooting: CF card: IPB: at least 10MB per sec. / ALL-I: at least 30MB per sec. SD card: IPB: at least 6MB per sec. / ALL-I: at least 20MB per sec.	
Focus Modes	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	1. Autoexposure, 2. Shutter-priority AE, 3. Aperture-priority AE, 4. Manual exposure * With 1, 2, and 3, exposure compensation and AE lock are possible (except in Scene Intelligent Auto mode).	
Exposure compensation	±3 stops in 1/3-stop increments (±5 stops for still photos)	
ISO speed (Recommended exposure)	Scene Intelligent Auto and Tv: Automatically set within ISO 100 - 12800	

index)	P, Av, and B: Automatically set within ISO 100 – 12800 expandable to H (equivalent to ISO 25600) M: Auto ISO (automatically set within ISO 100 - 12800), ISO 100 - 12800 set manually (in 1/3- or whole-stop increments), expandable to H (equivalent to ISO 16000 / 20000 / 25600)	
Time Code	Supported	
Drop Frames	Compatible with 60p / 30p	
Sound Recording	Built-in monaural microphone, external stereo microphone terminal provided Sound recording level adjustable, wind filter provided	
Headphones	Headphone terminal provided	
Grid Display	Three types	
Still Photos	Possible	
LCD Monitor		
Type	TFT colour, liquid-crystal monitor	
Monitor Size and Dots	Wide, 8.1 cm (3.2-in.) (3:2) with Approx. 1.04 million dots	
Brightness Adjustment	Auto (Dark, Standard, Bright), Manual (7 levels)	
Electronic Level	Horizontal:	1° increments, ±6°
	Vertical:	1° increments, ±4°
Interface Languages	25	
Feature Guide	Displayable	
Playback		
Image Display Formats	Single image display, Single image + Info display (Basic info, shooting info, histogram), 4-image index, 9-image index, 2-image display	
Highlight Alert	Overexposed highlights blink	
AF Point Display	Possible	
Grid Display	Three types	
Zoom Magnification	Approx. 1.5x - 10x, starting magnification and position settable	
Image Browsing Methods	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating	
Image Rotate	Possible	
Ratings	Provided	
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
Image protect:	Possible
Copying images	Possible
Post-Processing of Images	
In-camera RAW Image Processing	Brightness correction, White balance, Picture Style, Auto Lighting Optimizer, High ISO speed noise reduction, JPEG image-recording quality, Colour space, Peripheral illumination correction, Distortion correction, and Chromatic aberration correction
Resize	Possible
Direct Printing	
Compatible Printers	PictBridge-compatible printers
Printable Images	JPEG and RAW images
Print Ordering	DPOF Version 1.1 compatible
Image Transfer	
Transferrable Images	Still photos (JPEG, RAW, RAW + JPEG images), Movies
Custom Functions	
Custom Functions	13
My Menu Registration	Possible
Custom Shooting Modes	Register under Mode Dial's C1 / C2 / C3
Copyright Information	Entry and inclusion enabled
Interface	
Audio / Video OUT/ Digital Terminal	Analog video (Compatible with NTSC / PAL) / stereo audio output Personal computer communication, Direct printing (Hi-Speed USB or equivalent), Wireless File Transmitter WFT-E7, GPS Receiver GP-E2 connection
HDMI mini OUT terminal	Type C (Auto switching of resolution), CEC-compatible
External Microphone IN Terminal	3.5mm stereo mini-jack
Headphone terminal	3.5mm stereo mini-jack
Remote Control Terminal	Compatible with N3-type remote controller
Wireless Remote Control	Remote Controller RC-6
Eye-Fi card	Compatible
Power	

Battery	Battery Pack LP-E6 (Quantity 1) * AC power can be supplied via AC Adapter Kit ACK-E6. * With Battery Grip BG-E11 attached, size-AA/LR6 batteries can be used.	
Battery Information	Remaining capacity, Shutter count, Recharge performance, and Battery registration possible	
Battery Life (Based on CIPA testing standards)	With viewfinder shooting:	Approx. 950 shots at 23°C / 73°F, Approx. 850 shots at 0°C / 32°F
	With Live View shooting:	Approx. 200 shots at 23°C / 73°F, Approx. 180 shots at 0°C / 32°F
Movie Shooting Ttime	Approx. 1hr. 30mins. at 23°C / 73°F Approx. 1hr. 20mins. at 0°C / 32°F (with fully-charged Battery Pack LP-E6)	
Date / Time Battery	CR1616 lithium battery (Quantity 1)	
Dimensions and Weight		
Dimensions (W x H x D)	Approx. 152.0 x 116.4 x 76.4mm / 6.0 x 4.6 x 3.0in.	
Weight	Approx. 950g / 33.5oz. (CIPA Guidelines), Approx. 860g / 30.3oz. (Body only)	
Operating Environment		
Working Temperature Range	0°C - 40°C / 32°F - 104°F	
Working Humidity	85% or less	
Battery Pack LP-E6		
Type	Rechargeable lithium-ion battery	
Rated Voltage	7.2 V DC	
Battery Capacity	1800 mAh	
Dimensions (W x H x D)	Approx. 38.4 x 21.0 x 56.8mm / 1.5 x 0.8 x 2.2in.	
Weight	Approx. 80g / 2.8oz.	
Battery Charger LC-E6		
Compatible Battery	Battery Pack LP-E6	
Recharging Time	Approx. 2hrs. 30mins.	
Rated Input	100 - 240 V AC (50 / 60 Hz)	
Rated Output	8.4 V DC / 1.2 A	
Working Temperature Range	5°C - 40°C / 41°F - 104°F	

Working Humidity	85% or less	
Dimensions (W x H x D)	Approx. 69.0 x 33.0 x 93.0mm / 2.7 x 1.3 x 3.7in.	
Weight	Approx. 130g / 4.6oz.	
Battery Charger LC-E6E		
Compatible Battery	Battery Pack LP-E6	
Power cord length	Approx. 1m / 3.3ft.	
Recharging Time	Approx. 2hrs. 30mins.	
Rated Input	100 - 240 V AC (50 / 60 Hz)	
Rated Output	8.4 V DC / 1.2 A	
Working Temperature Range	5°C - 40°C / 41°F - 104°F	
Working Humidity	85% or less	
Dimensions (W x H x D)	Approx. 69.0 x 33.0 x 93.0mm / 2.7 x 1.3 x 3.7in.	
Weight	Approx. 125g / 4.4oz. (excluding power cord)	
EF24-105mm f/4L IS USM		
Angle of View	Diagonal extent:	84° - 23°20'
	Horizontal extent:	74° - 19°20'
	Vertical extent:	53° - 13°
Lens Construction	18 elements in 13 groups	
Minimum Aperture	f/22	
Closest Focusing Distance	0.45m / 1.48ft. (from image sensor plane)	
Max. Magnification	0.23x (at 105mm)	
Field of View	535 x 345 - 158 x 106mm / 21.1 x 13.6 - 6.2 x 4.2in. (at 0.45m)	
Image Stabilizer	Lens shift type	
Filter Size	77mm	
Lens Cap	E-77U	
Max. Diameter x Length	83.5 x 107mm / 3.3 x 4.2in.	
Weight	Approx. 670g / 23.6oz.	
Hood	EW-83H	
Case	LP1219	

- * All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.
- * Dimensions, maximum diameter, length and weight listed above are based on CIPA Guidelines (except weight for camera body only).
- * Product specifications and the 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 :

The new generation Canon EOS 600D SLR with Kit II EF S18-135mm IS Lens camera has an 18-megapixel resolution and comes with a CMOS sensor for capturing life like pictures. The DIGIC 4 processor ensures perfect image and colour reproduction. This SLR camera is perfectly designed to meet the needs of amateurs as well as professionals. The camera is empowered with auto focus as well as manual focus and interchangeable lens. This SLR camera can be mounted with a Canon EF or EFS lens with focal length ranging from 18mm-55mm. The scene intelligent auto feature automatically changes the various setting depending on the changing background. The camera provides full HD recording for users to capture high quality videos. An added feature is the movie digital zoom that allows 3-10x zoom while recording. The camera can be mounted with external flash from EX series.



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