



SOUTH & SOUTHEAST ASIA REGIONAL HEADQUARTERS

CANON SINGAPORE PTE. LTD.

1 HarbourFront Avenue #04-01 Keppel Bay Tower
Singapore 098632
Tel: 65-6799 8888 Fax: 65-6221 7577
www.canon-asia.com

CANON OFFICES

MALAYSIA

Canon Marketing
(Malaysia) Sdn. Bhd.
Tel : 603-78446000
Fax : 603-78450505
www.canon.com.my

SINGAPORE

Canon Singapore Pte. Ltd.
Domestic Operations
Tel : 65-6799 8888
Fax : 65-6799 8882
www.canon.com.sg

THAILAND

Canon Marketing
(Thailand) Co., Ltd.
Tel : 66-2-3449999
Fax : 66-2-3449922
www.canon.co.th

VIETNAM

Canon Singapore Pte. Ltd.

Ho Chi Minh City

Representative Office and Showroom
Tel : 84-8 38 200 466
Fax : 84-8 38 200 477
www.canon.com.vn

Hanoi Representative Office

Tel : 84-4 377 116 77
Fax : 84-4 377 116 78
www.canon.com.vn

CANON BUSINESS PARTNERS

BANGLADESH

J.A.N. Associates
Tel : 880-2-8611444
Fax : 880-2-8610410

BRUNEI

Interhouse Company
Tel : 673-2-653001
Fax : 673-2-653003

CAMBODIA

i-Click (Cambodia)
Pte. Ltd.
Tel : 855-23-996638
Fax : 855-23-996639

INDONESIA

P.T. Datascrip
Tel: 62-21-2664-8999
Fax: 62-21-6544811-13
www.canon.co.id

MALDIVES

SIMDI Company Pvt. Ltd.
Tel : 960-324819
Fax : 960-318433

MYANMAR

Myanmar Golden Rock
International Co., Ltd.
Tel : 95-1-202092/3/4
Fax : 95-1-202079

NEPAL

Primax International, Inc.
Tel : 977-1-4224079
Fax : 977-1-4429358

PAKISTAN

MBM International
Tel : 92-21-322777093/4
Fax : 92-42-37530948

SRI LANKA

Metropolitan Office (Pvt.) Ltd.
Tel : 94-011-4700200
Fax : 94-011-4700266

EOS
DIGITAL

Canon

Delighting You Always

Ignite Your
PASSION
EOS 650D



Set-shoot-view effortlessly with Vari-angle Touch Screen LCD

Magnify Your VISION

Take the ordinary into greater, extraordinary heights with the new EOS 650D.

Indeed, everyday scenes easily become pictures of inspiration with its easy-to-use and first-in-its-class features. Like the **Vari-angle Touch Screen 3.0-Inch Clear View LCD monitor II**. The **18-megapixel CMOS sensor**. ISO12800 that's expandable up to **ISO25600**. The **DIGIC 5 imaging processor** and more. Enjoy all these inside a feature-laden camera that delivers no less than extraordinary imagery.





Inspire Your DRIVE

Quick focusing and adjustment for contrast and continuously moving subject get easy.



Shooting in Live View mode can be tricky. Not anymore. Even while the lighting condition and your subject's location are changing, the **Hybrid CMOS AF system** contains pixels used for phase detection and assists in predicting subject location. Fast focusing is made possible with **Continuous AF** since the camera continuously focuses on the subject until the camera captures the image. Also, the newly improved movie compatible EF-S18-135mm f/3.5-5.6 IS STM lens optimize movie recording with its silent and precise focusing.



Sunny Day Lighting



Shaded Scenes



Indoor Action



Intensify Your FOCUS

Tracking
AF

Get those one-of-a-kind inspired shots with a simple touch.

Quicker and more advanced AF methods make photo shooting fast and comfortable. Using AF methods like the **Face Detection + Tracking AF** during **Live View AF**, you can now let the camera focus on the subject no matter where it moves. Through the touch shutter function, the camera automatically releases the shutter once your subject is in focus.



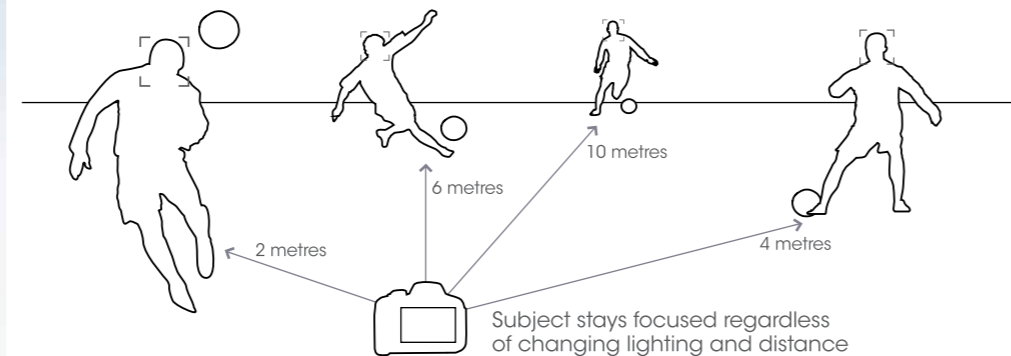
Face Detection



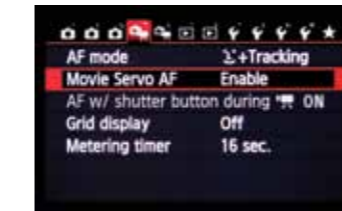


Explore Your POSSIBILITIES

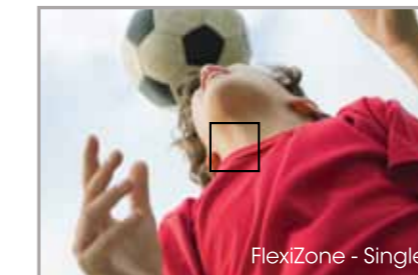
The ability to track your moving subject offers a whole new playing field of possibilities.



When setting the **Movie Servo AF** function under the Face Detection + Tracking AF in Live View, the EOS 650D locks its focus onto your moving subject's face. Thus, your subject stays focused no matter where it goes or how it moves. Better still, this function automatically tracks your subject even while distance to your subject is changing. Likewise in **FlexiZone-Multi** and **FlexiZone-Single** that keep the selected area or point in focus. Now, shooting professional-looking movies has become even easier.



The new EF-S18-135mm f/3.5-5.6 IS STM lens is geared for movie shooting, so smooth and quiet Servo AF is possible.



Accelerate Your ASPIRATION

Up to 5.0 fps – that's a class-leading, high-speed continuous shooting possibility.

5
Frames
Per Sec

Never miss the action – from fast-moving cars to sports scenes, from start to finish. You can shoot approximately **5.0 fps** and a maximum **burst of up to 30 shots*** even at the highest image size setting. High-speed continuous shooting capability has likewise made new modes and functions possible such as the Handheld Night Scene, HDR Backlight Control modes, and the Multi Shot Noise Reduction function.

*With UHS-I (Ultra High Speed) SD memory card



Defining moments, captured.



Fuel Your CURIOSITY

The finest images, achieved by employing all cross-type Auto Focus (AF) points – a first in its class.

All
Cross-type
point
9AF

An improved AF performance allows any AF point to be used for focusing precisely. All **nine AF points** are cross-types at f/5.6. Regardless of composition or pattern in subject, expect excellent performance especially as the centre AF point is **cross-type** sensitive to diagonal lines at f/2.8, and likewise works as a cross-type point at f/5.6 (dual cross-type). This means faster and more precise focusing in any photographic situation, including any dimly-lit environment.



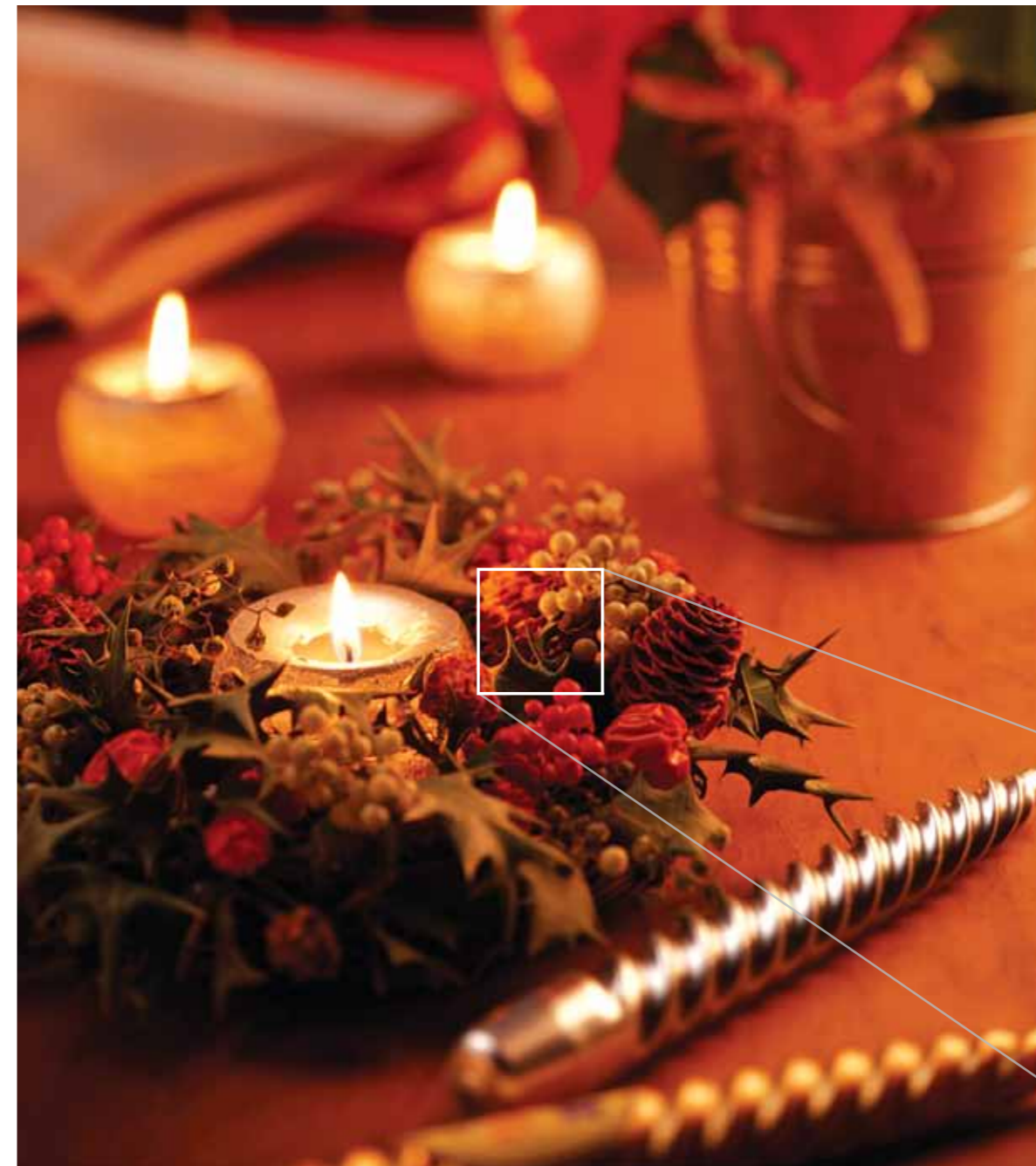


Rouse Your INTERESTS

With touch operation comes easy “set”, “shoot”, and “view” convenience for all.

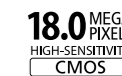


Featuring a **Vari-angle Touch Screen 3.0-Inch Clear View LCD monitor II**, multi-touch operations such as selecting AF points and shooting in Live View modes have become a reality. Pinch your fingers or expand them on the screen to zoom in/out of pictures, or swipe it to view pictures. Choose from standard/sensitive/off options. **Rotate the screen** according to your preferred view. Flexibility, ease of use, and superior visibility – all these have become standard.

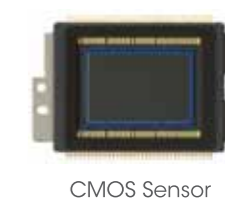


Stimulate Your SENSITIVITY

With DIGIC 5 and 18 megapixels, capture clear, natural-looking, high-quality images with less noise.



The rich details of a leaf. The spectrum of colors running along a thin strand of hair. Enjoy all these. The EOS 650D's **DIGIC 5 image processor** and low-noise, high-resolution **CMOS sensor** come together to create a synergy that delivers high-quality images with a wide dynamic range, rich tonal gradation and natural color reproduction.





ISO
12800

Awaken Your EMOTIONS

Beautiful imagery from dimly lit to fast-moving subjects is possible with powerful sensitivity.



From ISO 100 to ISO 12800 (expandable up to ISO 25600), you can take pictures from **a wide range of lighting conditions with an advanced and enhanced sensitivity**. Even if you set the EOS 650D in ISO Auto, a wide sensitivity range of ISO 100-6400 can still be realized. Better yet, the same setting can be achieved when you are shooting in movie mode.

Fulfill Your WISHES

More is better with Enhanced Basic Zone featuring Handheld Night Scene and HDR Backlight Control modes.



Take beautiful, vivid night shots with less camera-shake blur and even without a tripod. The **Handheld Night Scene** mode takes four images in rapid succession using a fast shutter speed and superimposes them for the final photo. You can also use a flash in this mode to keep the foreground or background brightly-lit. Taking three images in varying exposures, this technique is similarly employed for the **HDR Backlight Control mode**, where you can enjoy pictures with less blown highlights and blocked shadows in backlit situations.



Underexposed



Normally exposed



Overexposed



Handheld Night Scene



HDR Backlight Control

Reach Your GOALS

With Multi Shot Noise Reduction Function, enjoy reduced noise and rich details even at high ISO.

This is made possible as four images are shot in rapid succession then superimposed to effectively reduce noise. Delivering **more effective noise reduction** than conventional models, you can now have high quality images with minimal loss of subject definition. Using the High ISO speed noise reduction, users can perform **handheld shooting** in low light conditions with **reduced blur**.



Multi Shot Noise Reduction function



Noise reduction at high ISO speeds: Strong



Fire Up Your IMAGINATION



Improved EOS Scene Detection Technology means enhanced creative expression.

You can get all dramatic, in the good sense. With the **EOS Scene Detection** technology, exposure settings (shutter speed, aperture and ISO) are **automatically adjusted** whether or not a tripod is used. Icons displayed on Live View let you check camera settings at a glance, capture striking photos from **different light sources** and **ambient light**. A candle-lit dinner or a long shot of the evening cityscape would definitely look awesome.





Kickstart Your JOY

Expand your creativity with two new creative filters.



Want to make your photos look like an oil painting? Try the **Art bold effect**. It also makes your subject look three-dimensional. If you want something simpler, you can go for the **Water painting effect** which makes your photo look like a watercolor painting with its subdued and soft colors. Enjoy these, in addition to the existing **Miniature, Grainy B/W, Soft focus, Fish-eye, and Toy camera** creative filters.



Without Filter

Filter: Art Bold Effect



Filter: Water Painting Effect



Without Filter

Refresh Your MEMORY

Memories won't fade away with printed photos, taken with the support of advanced accessories.

Print with **Canon PIXMA** for stunning photo prints that are available in a wide range of paper sizes and finishes. Likewise, choose from a broad spectrum of lenses such as the **new EF-S18-135mm f/3.5-5.6 IS STM** lens geared for movie shooting. Accessories come aplenty as well, to compliment your shooting skills progress.



New EF-S18-135mm f/3.5-5.6 IS STM lens



Speedlite 320EX



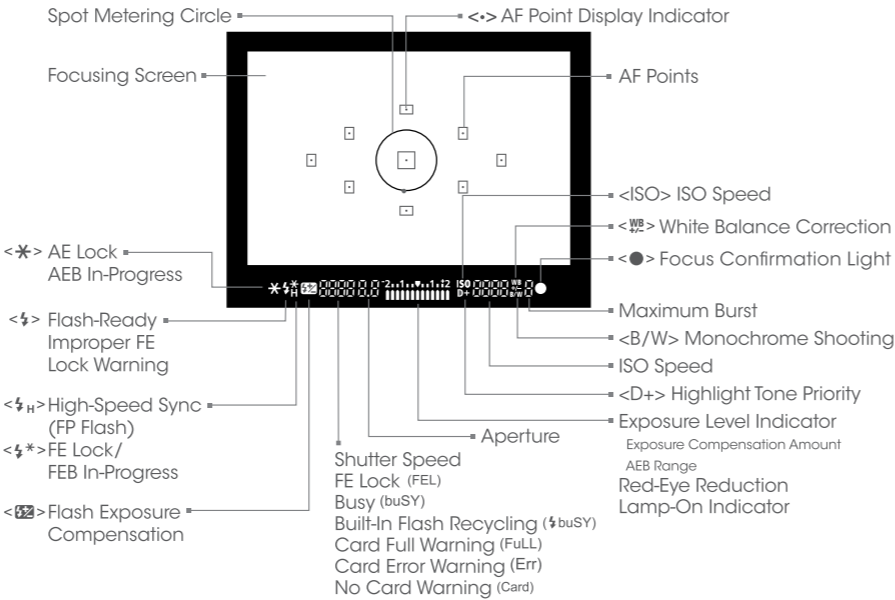
Speedlite 270EX II

Battery Grip BG-E8

EOS 650D NOMENCLATURE



VIEWFINDER INFORMATION



BUNDLED APPLICATIONS

Canon EOS Digital Solution Disk

EOS Utility (Win/Mac)
Digital Photo Professional (Win/Mac)
Picture Style Editor (Win/Mac)
Image Browser EX (Win/Mac)
Photo Stitch (Win/Mac)
EOS Sample Music 1.0.1

CUSTOM FUNCTIONS

C. Fn

- Exposure level increments
- ISO expansion
- Highlight tone priority
- AF-assist beam firing
- Mirror lockup
- Shutter/AE lock button
- Assign SET button
- LCD display when power ON

SPECIFICATIONS

TYPE	Digital, single-lens reflex, AF/AE camera with built-in flash
Recording media	SD memory card, SDHC memory card, SDXC memory card. *Compatible with UHS-I
Image sensor size	Approx. 22.3 x 14.9 mm
Compatible lenses	Canon EF lenses (including EF-S lenses) (35 mm-equivalent focal length is approx. 1.6 times the lens focal length)
Lens mount	Canon EF mount
IMAGE SENSOR	
Type	CMOS sensor
Effective pixels	Approx. 18.00 megapixels
Aspect ratio	3:2
Dust delete feature	Auto, Manual, Dust Delete Data appending
RECORDING SYSTEM	
Recording format	Design rule for Camera File System (DCF) 2.0
Image type	JPEG, RAW (14-bit Canon original)
Recorded 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)
IMAGE PROCESSING DURING SHOOTING	
Picture style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3
Basic+	Ambience-based shots, Light/scene-based shots
White balance	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash) Custom White balance correction and white balance bracketing features provided. *Flash color 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 aberration correction	Peripheral illumination correction, Chromatic aberration correction
VIEWFINDER	
Type	Eye-level pentamirror
Coverage	Vertical/Horizontal approx. 95% (with Eye point approx. 19 mm)
Magnification	Approx. 0.85x (-1 m ⁻¹ with 50mm lens at infinity)
Eye point	Approx. 19 mm (from eyepiece lens center at -1 m ⁻¹)
Built-in dioptric adjustment	Approx. -3.0 - +1.0 m ⁻¹ (dpt)
Focusing screen	Fixed, Precision Matte
Mirror	Quick-return type
Depth-of-field preview	Provided
AUTOFOCUS	
Type	TTL secondary image-registration, phase detection
AF points	Nine cross-type AF points (Cross-type AF sensitive to 1/2.8 with center AF point)
Focusing brightness range	EV -0.5 - 18 (at 23°C/73°F, ISO 100)
AF operation	One-Shot AF, AI Servo AF, AI Focus AF
AF-assist beam	Small series of flashes fired by built-in flash
EXPOSURE CONTROL	
Metering modes	63-zone TTL full-aperture metering • Evaluative metering (linked to all AF points) • Partial metering (approx. 8.8% of Live View screen, at center) • Spot metering (approx. 4% of viewfinder at center) • Center-weighted average metering

Metering range	EV 1 - 20 (at 23°C/73°F, ISO 100)
Exposure control	Program AE (Scene Intelligent Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, Handheld Night Scene, HDR Backlight Control, Program), Shutter-priority AE, Aperture-priority AE, Manual exposure
ISO speed (Recommended exposure index)	Basic Zone modes*: ISO 100 - 6400 set automatically *Portrait: ISO 100, Handheld Night Scene: ISO 100 - 12800 set automatically Creative Zone modes: ISO 100 - 12800 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 25600)
Exposure compensation	Manual: ±5 stops in 1/3- or 1/2-stop increments AEB: ±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 with evaluative metering when focus is achieved Manual: With AE lock button
SHUTTER	
Type	Electronically-controlled, focal-plane shutter
Shutter speeds	1/4000 sec. to 1/60 sec. (Scene Intelligent Auto mode), X-sync at 1/200 sec. *With a wide-angle lens, the shutter speed may be 1/60 sec. or slower. 1/4000 sec. to 30 sec., Bulb (Total shutter speed range. Available range varies by shooting mode.)
FLASH	
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. 3 sec. Wireless master function provided
External flash	EX-series Speedlite (Flash functions settable with the camera)
Flash metering	E-TTL II autofocus
Flash exposure compensation	±2 stops in 1/3- or 1/2-stop increments
FE lock	Provided
PC terminal	None
DRIVE SYSTEM	
Drive mode	Single shooting, continuous shooting, self-timer with 10-sec. or 2-sec. delay and 10-sec. delay with continuous shooting
Continuous shooting speed	Max. approx. 5 shots/sec.
Max. burst (Approx.)	JPEG Large/Fine: 22 (30) shots RAW: 6 (6) shots RAW+JPEG Large/Fine: 3 (3) shots *Figures are based on Canon's testing standards (ISO 100 and "Standard" Picture Style) using an 8 GB card. *Figures in parentheses apply to an UHS-I compatible 8 GB card based on Canon's testing standards.
LIVE VIEW SHOOTING	
Aspect ratio settings	3:2, 4:3, 16:9, 1:1
Focusing	Hybrid CMOS AF System* (Face+Tracking, FlexiZone-Multi, FlexiZone-Single), Phase-difference detection (Quick mode) Manual focusing (approx. 5x / 10x magnification possible) *Focusing brightness range: EV 1 - 18 (at 23°C/73°F, ISO 100)
Continuous AF	Provided
Touch shutter	Provided
Metering modes	Real-time metering with image sensor Evaluative metering (315 zones), Partial metering (approx. 8.8% of Live View screen), Spot metering (approx. 2.8% of Live View screen), Center-weighted average metering
Metering range	EV 0 - 20 (at 23°C/73°F, ISO 100)
Grid display	Two types

MOVIE SHOOTING	
Movie compression	MPEG-4 AVC/H.264 Variable (average) bit rate
Audio recording format	Linear PCM
Recording format	MOV
Recording size and frame rate	1920x1080 (Full HD) : 30p/25p/24p 1280x720 (HD) : 60p/50p 640x480 (SD) : 30p/25p *30p: 29.97 fps, 25p: 25.00 fps, 24p: 23.976 fps, 60p: 59.94 fps, 50p: 50.00 fps
File size	1920x1080 (30p/25p/24p) : Approx. 330 MB/min. 1280x720 (60p/50p) : Approx. 330 MB/min. 640x480 (30p/25p) : Approx. 82.5 MB/min.
Focusing	Hybrid CMOS AF System* (Face+Tracking, FlexiZone-Multi, FlexiZone-Single) Manual focusing (approx. 5x / 10x magnification possible) *Focusing brightness range: EV 1 - 18 (at 23°C/73°F, ISO 100)
Metering modes	Center-weighted average and evaluative metering with the image sensor *Automatically set by the focusing mode
Servo AF	Provided
Metering range	EV 0 - 20 (at 23°C/73°F, 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 autoexposure shooting: ISO 100 - 6400 set automatically With manual exposure: ISO 100 - 6400 set automatically/manually, expandable to H (equivalent to ISO 12800)
Video snapshots	Settable to 2 sec./4 sec./8 sec.
Sound recording	Built-in stereo microphone External stereo microphone terminal provided Sound recording level adjustable, wind filter provided, attenuator provided
Grid display	Two types
LCD MONITOR	
Type:	TFT color liquid-crystal monitor
Monitor size and dots	Wide, 7.7 cm (3.04in.) (3:2) with approx. 1.04 million dots
Angle adjustment	Possible
Brightness adjustment	Manual (7 levels)
Interface languages	25
Touch screen technology	Capacitive sensing
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, image rotate possible Approx. 1.5x - 10x
Zoom magnification	Approx. 1.5x - 10x
Highlight alert	Overexposed highlights blink
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
Image protect	Possible
Slide show	All images, by date, by folder, movies, stills, or by rating Five transition effects selectable Selectable for slide shows and movie playback
Background music	
POST-PROCESSING OF IMAGES	
Creative filters	Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect
Resize	Possible

DIRECT PRINTING	
Compatible printers	PictBridge-compatible printers
Printable images	JPEG and RAW images
Print ordering	DPOF Version 1.1 compatible
CUSTOM FUNCTIONS	
Custom functions	8
My Menu registration	Possible
Copyright information	Entry and inclusion possible
INTERFACE	
Audio/video OUT/ Digital terminal	Analog video (compatible with NTSC/PAL)/stereo audio output Personal computer communication and direct printing (Hi-Speed USB equivalent), GPS Receiver GP-E2 connection
HDMI mini OUT terminal	Type C (auto switching of resolution), CEC-compatible
External microphone IN terminal	3.5 mm diameter stereo mini-jack
Remote control terminal	For Remote Switch RS-60E3
Wireless remote control	Remote Controller RC-6
Eye-Fi card	Compatible
POWER	
Battery	Battery Pack LP-E8 (Quantity 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. 1 hr. 40 min. at 23°C/73°F Approx. 1 hr. 20 min. at 0°C/32°F (with a fully-charged Battery Pack LP-E8)
DIMENSIONS AND WEIGHT	
Dimensions (W x H x D)	Approx. 133.1 x 99.8 x 78.8 mm / 5.2 x 3.9 x 3.1 in.
Weight	Approx. 575 g / 20.3 oz. (CIPA Guidelines), Approx. 520 g / 18.3 oz. (Body only)
OPERATION ENVIRONMENT	
Working temperature range	0°C - 40°C / 32°F - 104°F
Working humidity	85% or less

