

OM-D

OLYMPUS OM-D

OLYMPUS[®]

Your Vision, Our Future





THE BEGINNING OF THE NEW

OM-D: CREATE YOUR OWN WORLD.

A new digital SLR era is about to begin. Digital SLRs, which simply replaced film with an imaging device did not change significantly in terms of size, weight and user interface. The revolutionary, new mirrorless camera, the OM-D, has an exceptionally light and compact body. Its Electronic View Finder enables photographers to check the Art Filter effect, color temperature, and exposure levels in real-time. When shooting, you can instantly "create" a truly unique world and preserve it in exceptional quality. The "world" will be transformed from something you see to something you "take part" in.

The OM-D is a groundbreaking, new digital interchangeable lens camera perfect for people who want to "take part," "create," and "share."





ELECTRONIC VIEWFINDER

The OM-D's new electronic viewfinder (EVF) features a high-resolution 1.44-million dot LCD, 100% field-of-view coverage, and 1.15x maximum magnification that let you totally immerse yourself in your subject, and actively control image creation. The EVF also enables you to enlarge the focus point for precision focusing in virtually any shooting situation, and can show you the effect of Highlight & Shadow Control, White Balance, Exposure Compensation, Aspect Ratio, and a host of other settings and advanced digital image processing functions right in the viewfinder. With improved precision and responsiveness that make it as easy to use as an optical viewfinder, the OM-D's advanced EVF gives you virtually unlimited creative control.

Highlight & Shadow control



Magnification control



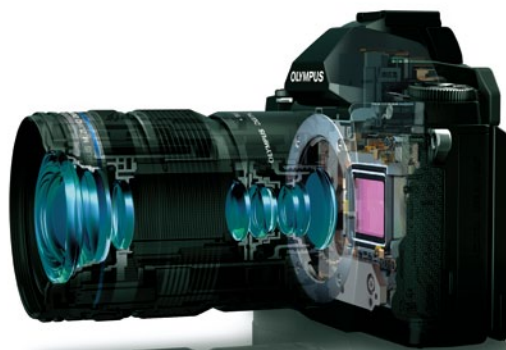
Multi Aspect setting





HIGH IMAGE QUALITY

Three key factors contribute to the OM-D's unprecedented image quality: a wide lineup of M.ZUIKO DIGITAL lenses for sharp, clear subject capture, a new 16-megapixel Live MOS image sensor for rich tonal expression, and an advanced TruePic VI image processor for superb color fidelity. The optimal balance of these factors ensures the high resolution, sensitivity, and color accuracy you need to brilliantly capture the world around you.



FAST AF

The world's fastest* autofocusing system, FAST AF, has been made even faster and more accurate on the OM-D. Improved new 3D Tracking AF assures you won't miss the moment even when subjects move toward or away from you. In addition, the new high-sensitivity image sensor ensures superior AF performance even in dim light. The AF performance has been further polished to allow you to focus on the things you want to capture.



9.0 FPS HIGH-SPEED SEQUENTIAL SHOOTING

Thanks to the new 16-megapixel Live MOS image sensor's high-speed read-out performance, the OM-D offers maximum sequential shooting at 9.0 fps, making it easy to capture sports action or fast-moving subjects such as pets and wildlife. In addition, a compact new high-speed shutter mechanism enables the OM-D to offer this performance without compromising the handling advantages of a light and compact body.

* Among digital cameras with interchangeable lenses available as of February 8, 2012, when using the OLYMPUS M, ZUIKO DIGITAL ED 12-50mm F3.5-6.3 EZ lens with the E-M5, based on Olympus in-house measurement conditions.





5-AXIS IMAGE STABILIZATION

The OM-D is equipped with the world's first 5-axis image stabilization system, and can compensate for vertical, horizontal, and rotational camera shake that conventional 2-axis systems of the past have been unable to handle. Built into the camera body to ensure effective stabilization with all lenses, its unique 5-axis design makes it particularly effective when taking high-magnification telephoto shots, macro close-ups, and long exposures. In addition, it can be activated by pressing the shutter button halfway, so you can also use it to stabilize the viewfinder image and obtain a crisp, clear view of your subject that makes it easy to frame and compose your shots.

Sensor unit with new 5-AXIS IS

The new 5-AXIS IS can compensate for five different types of movement: 1) pitching, 2) yawing, 3) horizontal movement, 4) vertical movement, and 5) rotational movement around the optical axis. As a result, it can compensate for types of camera shake that conventional 2-axis systems cannot, such as horizontal/vertical shake during macro shooting, rotational shake during long exposure shooting, and the low-frequency shake caused by walking or breathing during movie recording.



DUST-PROOF & SPLASH-PROOF CONSTRUCTION

Trouble-free shooting in all environments is assured by our proven dust-proof and splash-proof technology. Multiple ring-shaped seals protect the camera from sand, dust, rain, and water spray, making it ideal for all kinds of outdoor shooting. What's more, the OM-D extends this protection to the M.ZUIKO DIGITAL ED 12-50mm F3.5-6.3 EZ lens, the bundled detachable flash unit, and the optional grip and power battery holder.



TILTING 3-INCH OLED TOUCHSCREEN

In addition to offering dial and button controls, the OM-D is the first Olympus camera to feature a tilting touchscreen monitor for intuitive fingertip operation. The 3-inch OLED touchscreen delivers high-resolution images of your subject with rich color reproduction. It also responds instantly to your touch with fast operation that makes it easy to focus on subjects, play back images, and adjust settings such as exposure and white balance.



LENSES AND ACCESSORIES

In addition to its new electronic motorized M.ZUIKO DIGITAL ED 12-50mm F3.5-6.3 EZ lens with quiet, linear drive AF, the OM-D is supported by an ever-expanding range of wide-angle, macro, portrait, and telephoto Micro Four Thirds M.ZUIKO DIGITAL lenses. System accessories include cases, straps, filters, external flash units, and mount adapters for Four Thirds System lenses and OM System lenses.



Black

Silver



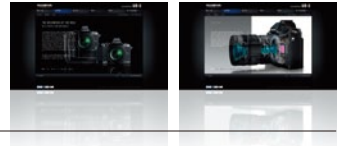
Specification	Product name / Product type	E-M5 / Micro Four Thirds interchangeable lens system camera
Product Type	Memory	SD Memory Card*1 (SDHC, SDXC, UHS-I compatible, Eye-Fi Card compatible*2) *1: Class 6 is recommended for Movie shooting, *2: Not compatible with endlessmode. Release time lag may be generated in actual use.
	Screen size / Lens mount	17.3 mm (H) x 13.0 mm (V) / Micro Four Thirds Mount
Image Pickup	Product type	4/3 Live MOS Sensor
	No. of pixels / Aspect ratio	Number of effective pixels : 16.1 million pixels, Total number of pixels : approx. 16.9 million pixels / 1.33 (4:3)
	Dust reduction	Supersonic Wave Filter (dust reduction system for image sensor)
Recording (Still)	Recording format	DCF, DPOF compatible / Exif, PRINT Image Matching III, MPO compatible
	File format	RAW (12-bit lossless compression), JPEG, RAW+JPEG, MPO (3D still)
	Recording image size	[RAW] 4608 x 3456 pixels, [JPEG] 4608 x 3456 pixels ~ 640 x 480 pixels
Image Stabilization	System	Built-in (Image sensor shift type for movie & still, 5-axis* Image stabilization) * yaw / pitch / vertical shift / horizontal shift / rolling
	Mode / IS for Finder Image / Focal length setting	3 modes (I.S.1, I.S.2, I.S.3), OFF / Available (by half-pressing the shutter button) / Available
	Finder type / Field of view	Eye-level electronic viewfinder, approx. 1.44M-dot / Approx. 100%
	Viewfinder magnification	Approx. 0.92x*1 ~ 1.15x *2 (-1m ³ , 50mm lens, infinity) *1 : at Finder Style 1, 2 (aspect 4:3) *2 : at Finder Style 3 (aspect 4:3)
Finder	Eye point / Diopter adjustment range	Approx. 18mm (-1m ³ , distance from rear lens surface) / +4 ~ +2m ¹
	Preview	Available with Live Preview function button* *custom function
	Level Gauge	2-axis level gauge:horizontal / vertical
	FinderStyle / Brightness / Colour temperature control	Selectable from 3 types / ±7 levels / ±7 levels
Live View	EyeCup	Optional eyecup EP-11 is available.
	Live view	100% field of view, Exposure compensation preview, WB adjustment preview, Gradation auto preview, Face detection preview (up tp 8 faces), Grid line, Histogram, Magnification display (x5 / x7 / x10 / x14), OFF
Monitor	Monitor type	3.0-inch tilting OLED monitor * * approx. 610k dots, Touch control in electrostatic capacitance Type
	Touch control	Touch shutter release, Touch enlargement, Touch Live Guide, AF area selection, AF area enlargement, Frame advance/backward, Enlargement playback, Touch Super Control Panel
	Brightness / Color temperature control	±2 levels / ±3 levels
	Color tone select	Vivid / Natural
	AF system	High-Speed Imager AF
Focusing	Focus mode / Full-time AF	Single AF (S-AF), Continuous AF (C-AF)*, Manual Focus (MF), S-AF + MF, AF Tracking (C-AF + TR) * * C-AF and AF tracking are not available with non-MFTS lenses. It works as S-AF in C-AF mode / Available
	Magnified frame AF	Selectable from over 800 AF points
	Face detection AF / Eye detection AF	Enlarged view check by magnify button.Magnification x5, x7, x10 (Default), x14 selectable
	Face detection AF / Eye detection AF	Available / Available (OFF / Nearer-eye priority / Right-eye priority / Left-eye priority)
	Focusing point / Focusing point selection	35-area multiple AF / All target, Group area (9-area), Single target
	AF Illuminator	Available
	Manual focus assist* Customize function	Live View image is magnified when the focus ring is rotated (S-AF + MF or MF mode)
	Metering system (ITL image sensor metering)	Digital ESP metering (324-area multi pattern metering), Center weighted average metering, Spot metering, Spot metering with highlight control, Spot metering with shadow control
Exposure Control (Still)	Metering range	EV 0 ~20 (at normal temperature, 17mm f2.8, ISO 100)
	Exposure mode	i Auto, P: Program AE (Program shift can be performed), A: Aperture priority AE, S: Shutter priority AE, M: Manual, Bulb, Time, Scene select AE, Art Filter, Underwater wide / macro* * Selectable from menu as a function on Fn1/Rec button
	Scene select AE	Portrait, e-Portrait, Landscape, Landscape + Portrait, Sport, Night, Night + Portrait, Children, High Key, Low Key, D1S mode, Macro, Nature Macro, Candle, Sunset, Documents, Panorama, Fireworks, Beach & Snow, Fisheye Conv., Wide Conv., Macro Conv., 3D * * Still image only
	ISO sensitivity	AUTO: ISO 200 ~ 25600 (customizable, Default 200-1600) / Manual ISO 200 ~ 25600, 1/3 or 1 EV steps selectable
	Exposure compensation / AE lock	±3EV in 1/3, 1/2, 1 EV steps selectable / Locked at 1st release of shutter button (can be set to Fn1/Rec button)
Shutter	Shutter type	Computerized focal-plane shutter
	Shutter speed	1/4000 ~ 60 sec. (1/3, 1/2, or 1EV steps selectable.) Bulb : default setting 8min. (1/2/4/8/15/20/25/30 min, selectable.)
	Flash intensity control method	TTL Auto, Auto*, Manual, FP-TTL AUTO*, FP-MANUAL* * Available on the external flash
Flash	Bundled flash (FL-LM2)	TTL flash, GN=10 (ISO200-m), GN=7 (ISO100-m)
	Flash mode	Flash Auto, Redeye, Fill-in, Flash Off, Red-eye Slow sync. (1st curtain), Slow sync (1st curtain), , Slow sync. (2nd curtain), Manual (1/1(FULL)~1/64)
	Synchronization speed	1/250sec, or less* (using the bundled flash) * It depends on flash models or flash mode
	Flash intensity control	FL-50R: 1/180 sec., Except FL-50R: 1/200 sec., Super FP: 1/125-1/4000 sec.
	Flash intensity control	Up to ±3EV in 0.3, 0.5, 1 EV steps selectable
	Compatible external flash	FL-50 / FL-50R, FL-36 / FL-36R, FL-30, FL-20, FL-14, FL-300R, FL-600R



Official website

www.olympusomd.com

Look, feel, experience. Enjoy impressive concept movies and a rich variety of other digital contents on this OM-D website that showcases the refined qualities of the OM-D brand in fine detail. Experience the world of the OM-D in depth via the Internet, where new discoveries and fresh inspiration await.



Wireless Flash Control	Compatible external flash	FL-50R, FL-36R, FL-300R, FL600R
	Control method	Triggered and controlled by bundled flash (FL-LM2)*
	Control method	*Available on FL-LM1/ FL-600R, Olympus Wireless RC Flash system compatible)
	External Flash intensity type	TTL Auto, Auto, Manual, FP-TTL-AUTO, FP-MANUAL
Drive	Channel No. / Group No.	4 channels / 4 groups (External flash 3 groups + a bundled flash)
	Sequential shooting maximum speed	[Sequential shooting H mode] 9.0 fps [Sequential shooting L mode] 3.5 fps / 4.2fps in case of "1.S. OFF".
	Max. recordable pictures on sequential shooting	[RAW] Max. 17 frames (in seq. shooting L), Max. 11 frames (in seq. shooting H)
	Self-timer	[JPEG] Up to full extent of data storage capacity (in seq. shooting L), Max. 17 frames (in seq. shooting H) (with TOSHIBA SDHC UHS-I card R95-W80 8GB model, under Olympus test standard)
Bracketing	Exposure bracketing	Operation time: 12 sec., 2 sec. (cancel available)
	ISO bracketing / White balance bracketing	2, 3 or 5 frames in 0.3/0.7/1.0EV steps selectable, 7 frames in 0.3/0.7EV steps selectable
	Flash bracketing / Art Filter bracketing	3 frames in 0.3/0.7/1.0EV steps selectable / i-Enhance, Vivid, Natural, Muted, Portrait, Monotone, Custom, Art Filters selectable
	Art Filter	Pop Art (I, II / a.b.c.d.e.), Soft Focus (- / c.e.), Pale & Light Color (I, II / a.b.c.d.), Light Tone (- / d.), Grainy Film (I, II / b.c.d.), Pin Hole (I, II / d.), Diorama (- / d.), Cross Process (I, II / b.c.d.), Gentle Sepia (- / a.b.c.d.), Dramatic Tone (I, II / b.c.d.e.), Key Line (I, II / a.b.c.d.e.) / a. Soft Focus Effect, b. Pin-Hole Effect, c. White Edge Effect, d. Frame Effect, e. Star Light Effect
Movie	Recording format	MOV (MPEG-4AVC / H.264) , AVI (Motion JPEG)
	Movie mode	[MOV] Full HD: 1920 (H) x 1080 (V), 59.94i Recording*3 20Mbps (Fine)*4 / 17Mbps (Normal)*4; Aspect 16:9, [MOV] Full HD: 1920 (H) x 1080 (V), 59.94i Recording*3, 13Mbps (Fine)*4 / 10Mbps (Normal)*4; Aspect 16:9,*3: Sensor output 30fps*4: bitrate [AVI Motion JPEG] HD: 1280 (H) x 720 (V), 30fps*4, Aspect 16:9 / SD: 640 (H) x 480 (V), 30fps*4, Aspect 4:3, *4: Except for some of the Art Filters
	Maximum recording time	[MOV] Full HD : Approx. 29min (Fine) / Approx. 22min (Normal) HD : Approx. 29min (Fine) / Approx. 29min (Normal)
	Movie function	[AVI] HD : Approx. 7min*5 / SD : Approx. 14min*5 *5: Except for some of the Art Filters
Recording (Sound)	IS for Movie / AE Lock	Movie Effect: One shot echo / Multi echo, Art Filter Movie, Aperture priority Movie, Shutter Priority Movie, Manual Shooting Movie
	Recording format / Mic / Speaker	Built in (Imager shift image stabilization) IS1 mode only / Available
	Microphone function	Wave Format (Stereo linear PCM / 16-bit, Sampling frequency 48kHz) / Stereo / Mono
	White Balance mode	Wind Noise Reduction, Recording Volume / Audio dubbing possible for still pictures (up to 30 sec.)
White Balance	White Balance compensation	Auto WB, 7 Preset WBs, Capture WBs, Custom WB (Kelvin stting)
	Colour mode	±7 steps in each A-B/G-M axis * Except for Custom WB
	Picture Mode	sRGB, Adobe RGB
	Multi Exposure	i-Enhance, Vivid, Natural, Muted, Portrait, Monotone, Custom, Art Filters / Aout, Normal, High key, Low key (except for Art Filters)
One push Tele-converter	Multi Aspect	Number of picture / Functions
	Level Gauge	2 frames / Auto gain, Exposing on Recorded picture (RAW)
	One push Tele-converter	Aspect Ratio
	Playback mode	4/3 (Default) / 3:2 / 16:9 / 1:1 / 3:4
Menu	Information display	2 axis
	Languages	Magnification
	Reset & custom setting	[MOV] Full HD : Approx. 29min (Fine) / Approx. 22min (Normal) HD : Approx. 29min (Fine) / Approx. 29min (Normal)
	Image Editing	[AVI] HD : Approx. 7min*5 / SD : Approx. 14min*5 *5 : Except for some of the Art Filters
Print	Print function	Histogram (independent luminance / RGB available), Highlight / Shadow point warning, AF frame, Photographic information, OFF
	USB/AV/RemoteController connector	34 languages selectable
	HDMI connector	4 setting recordable
	Flash attachment / Accessory Port 2	RAW development, Gradation auto, Monochrome, Sepia, Red-eye fix, Saturation, Resize (1280x960, 640x480, 320x240), Trimming, Aspect, e-Portrait, Image Overlay, Postrecording
Power Requirements	Battery	Print reservation (DPOF), Direct print (PictBridge compatible)
	Power battery holder / AC/DC Adaptor	Dedicated multi-connector (USB: USB2.0 Hi-Speed, Video: NTSC/PAL selectable, Optional Remote cable RM-UC1 can be used.)
	Sleep mode	Micro HDMI (Type-D)
	Dimensions / Weight	BLN-1 Li-ion battery (included)
Operating Environment	Temperature / Humidity	(Option) Power Battery Holder HLD-6 / (Option) AC adapter AC-3 *Optional HLD-6 has DC-IN jack for AC-3.
	Box contents	Available (1/3/5 min, off selectable)
		121mm (W) x 89.6mm (H) x 41.9mm (D) * CIPA guideline compliant, excluding protrusions
		Approx. 425g * CIPA guideline compliant, with BLN-1 battery and Memory card Approx. 373g (body only)
Box contents		0 ~ +40°C (operation), -20 ~ +60°C (storage) / 30 ~ 90% (operation), 10 ~ 90% (storage)
		Body, Flash FL-LM2, Li-ion battery BLN-1, Li-ion battery charger BCN-1, USBcable, AV cable, Shoulder strap, OLYMPUS Viewer 2 CD-ROM, Instruction manual, Warranty card

* Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer. * The colors of products printed herein may differ from those of the actual products. * Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries. * Shadow Adjustment Technology functions contain patented technologies from Apical Limited. * HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. * Eye-Fi, Eye-Fi logo and Eye-Fi connected are registered trademarks of Eye-Fi, Inc. * Four Thirds and Micro Four Thirds are registered trademarks of Olympus Imaging Corporation. * ART FILTER is a trademark and/or registered trademark of Olympus Imaging Corporation. * All other company and product names are registered trademarks and/or trademarks of their respective owners. * The pictures in this catalog of the OLED monitors are simulated. * The data herein is as of February 2012.



The E-M5 has been certified by the Color Universal Design Organization (CUDO) as a color universal design whose colors and patterns can be easily distinguished regardless of any differences in individual color vision.