

OM-D

OLYMPUS OM-D

OLYMPUS

Your Vision, Our Future





THE BEGINNING OF THE NEW

OM-D: CREATE YOUR OWN WORLD

The OM-D marks the beginning of a new digital SLR era. A revolutionary new mirrorless camera with an exceptionally light and compact body. Its Electronic Viewfinder shows Art Filter effects, colour temperatures and exposure levels in real-time. Become a part of the world you shoot, creating and preserving everything you see in exceptional quality.

The OM-D is a ground-breaking 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, letting 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. It 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 in the viewfinder itself. 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.

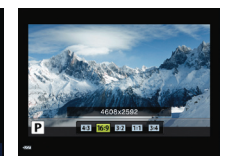
Highlight & Shadow control



Magnification control



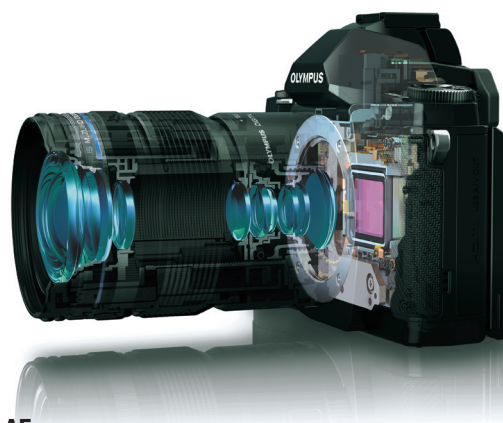
Multi Aspect setting





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 colour fidelity. The optimal balance of these factors ensures the high resolution, sensitivity and colour accuracy you need to brilliantly capture the world around you.



FAST AF

The world's fastest* AF 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, and 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 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 which 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. It can even 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 colour 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 Type	Product name / Product type	E-M5 / Micro Four Thirds interchangeable lens system camera
	Memory	SD Memory Card* (SDHC, SDXC, UHS-1 compatible, Eye-Fi Card compatible)* *1: Class 6 is recommended for Movie shooting. *2: Not compatible with endlessmode. Release time lag may be generated in actual use.
Image Pickup	Screen size / Lens mount	17.3 mm (H) x 13.0 mm (V) / Micro Four Thirds Mount
	Product type	4/3 live MOS Sensor
Recording (Still)	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)
Image Stabilisation	Recording format	DCF, DPDF compatible / Exif, PRINT Image Matching III, MPO compatible
	File format	RAW (12-bit lossless compression), JPEG, RAW+JPEG, MPO (3D still)
Finder	Recording image size	[RAW] 4608 x 3456 pixels, [JPEG] 4608 x 3456 pixels - 640 x 480 pixels
	System	Built-in (image sensor shift type for movie & still, 5-axis*image stabilization)* yaw / pitch / vertical shift / horizontal shift / rolling
Live View	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%
Monitor	Viewfinder magnification	Approx. 0.92x*1 - 1.15x*2 (-1m*1 / , 50mm lens, infinity) *1 : at Finder Style 1, 2 (aspect 4:3) *2 : at Finder Style 3 (aspect 4:3)
	Eye point / Diopter adjustment range	Approx. 18mm (-1m*1, distance from rear lens surface) / -4 ~ +2m*1
Touch control	Preview	Available with Live Preview function button (custom function)
	Level Gauge	2-axis level gauge/horizontal / vertical
Brightness control / Colour temperature control	FinderStyle / Brightness control / Colour temperature control	Selectable from 3 types / ±7 levels / ±7levels
	EyeCup	Optional eyecup EP-11 is available.
Live View	Live view	100% field of view, Exposure compensation preview, WB adjustment preview, Gradation auto preview, Face detection preview (up to 8 faces), Grid line, Histogram, Magnification display (x5 / x7 / x10 / x14), OFF
	Monitor type	3.0-inch tilting OLED monitor (approx. 610k dots) Touch control in electrostatic capacitance Type
Touch control	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 control / Colour temperature control	±2 levels / ±3 levels
Colour tone select	Colour tone select	Vivid / Natural
	AF system	High-Speed Imager AF
Focus mode / Full-time AF	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
Enlarged view check by magnify button, Magnification x5, x7, x10 (Default), x14 selectable	Enlarged view check by magnify button, Magnification x5, x7, x10 (Default), x14 selectable	Available / Available (OFF / Nearer-eye priority / Right-eye priority / Left-eye priority)
	Face detection AF / Eye detection AF	35-area multiple AF / All target, Group area (9-area), Single target
Focusing point / Focusing point selection	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	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 (TTL image sensor metering)	Metering system (TTL 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
	Metering range	EV 0 -20 (at normal temperature, 17mm f2.8, ISO 100)
Exposure mode	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, DIS mode, Macro, Nature Macro, Candle, Sunset, Documents, Panorama, Fireworks, Beach & Snow, Fisheye Conv., Wide Conv., Macro Conv., 3D (Still image only)
ISO sensitivity	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 type	Shutter type	Computerized focal-plane shutter
	Shutter speed	1/4000-60 sec. (1/3, 1/2, or 1EV steps selectable,) Bulb : default setting 8 min. (1/2/4/8/15/20/25/30 min. selectable,)
Flash intensity control method	Flash intensity control method	TTL Auto, Auto*, Manual, FP-TTL AUTO*, FP-MANUAL* *Available on the external flash
	Bundled flash (FL-LM2)	TTL flash, GN=10 (ISO 200, m), GN=7 (ISO 100, m)
Flash mode	Flash mode	Flash Auto, Redeye, Fill-in, FlashOff, 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	Flash intensity control	FL-50R : 1/180 sec., Except FL-50R : 1/200sec., SuperFP : 1/125-1/4000 sec.
	Compatible external flash	FL-50 / FL-50R, FL-36 / FL-36R, FL-30, FL-20, FL-14, FL-300R, FL-600R



Official website

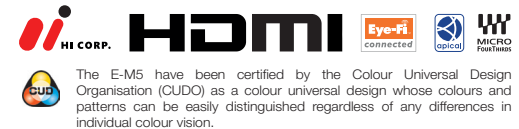
www.olympusomd.com

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.



Compatible external flash	Compatible external flash	FL-50R, FL-36R, FL-300R, FL600R
	Control method	Triggered and controlled by bundled flash (FL-LM2)* *Available on FL-LM1 / FL-600R, (Olympus Wireless PC Flash system compatible)
External Flash intensity type	External Flash intensity type	TTL Auto, Auto, Manual, FP-TTL-AUTO, FP-MANUAL
	Channel No. / Group No.	4 channels / 4 groups (External flash 3 groups + a bundled flash)
Sequential shooting maximum speed	Sequential shooting maximum speed	[Sequential shooting H mode] 9.0 fps (Sequential shooting L mode] 3.5 fps / 4.2 fps in case of "I.S. OFF".
	Max. recordable pictures on sequential shooting	[RAW] Max. 17 frames (in seq. shooting L, Max. 11 frames (in seq. shooting H)) [JPEG] Up to full extent of data storage capacity (in seq. shooting L, Max. 17 frames (in seq. shooting H)) (with TOSHIBA SDHC UHS-1 card R85-W80 RGB model, under Olympus test standard)
Self-timer	Self-timer	Operation time : 12 sec., 2 sec. (cancel available)
	Exposure bracketing	2, 3 or 5 frames in 0.3/0.7/1.0EV steps selectable, 7 frames in 0.3/0.7EV steps selectable
ISO bracketing / White balance bracketing	ISO bracketing / White balance bracketing	3 frames in 0.3/0.7/1.0EV steps selectable / 3 frames in 2, 4, 6 steps selectable in each A-B/G-M axis.
	Flash bracketing / Art Filter bracketing	3 frames in 0.3/0.7/1.0EV step selectable / i-Enhance, Vivid, Natural, Muted, Portrait, Monotone, Custom, Art Filters selectable
Art Filter	Mode (Variation / Effect) / Art Effect	Pop Art (I, II / a.b.c.d.e.), Soft Focus (- / c.e.), Pale & Light Colour (I, II / a.b.c.d.), Light Tone (- / d.), Grainy Film (I, II / b.c.d.), Pin Hole (I, II, III / 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: Starlight Effect
	Recording format	MOV (MPEG-4AVC / H.264) , AVI (Motion JPEG) [MOV] Full HD : 1920 (H) x 1080 (V), 59.94i Recording* 20Mbps (Fine)* / 17Mbps (Normal)* : Aspect 16:9, HD : 1280 (H) x 720 (V), 59.94i Recording*, 13Mbps (Fine)* / 10Mbps (Normal)* : Aspect 16:9 *3 : Sensor output 30fps *4 : bitrate [AVI Motion JPEG] HD : 1280 (H) x 720 (V), 30fps*, Aspect 16:9 (SD : 640 (H) x 480 (V), 30fps*, Aspect 4:3, *4 : Except for some of the Art Filters
Movie Mode	Movie Mode	[MOV] Full HD : Approx. 29 min (Fine) / Approx. 22 min (Normal) HD : Approx. 29 min (Fine) / Approx. 29 min (Normal) [AVI] HD : Approx. 7 min*3 / SD : Approx. 14 min*3 *5 : Except for some of the Art Filters
	Maximum Recording Time	Movie Effect : One shot echo / Multi echo, Art Filter Movie, Aperture priority Movie, Shutter Priority Movie, Manual Shooting Movie
Movie Function	Movie Function	Built in (Imager shift image stabilization) IS1 mode only / Available
	IS for Movie / AE Lock	Wave Format (Stereo linear PCM / 16-bit, Sampling frequency 48kHz) / Stereo / Mono
Recording Sound (still)	Recording format / Mic / Speaker	Wind Noise Reduction, Recording Volume / Audio dubbing possible for still pictures (up to 30 sec.)
	Microphone function	Auto WB, 7 Preset WBs, Capture WBs, Custom WB (Kelvin setting)
White Balance	White balance mode	±7 steps in each A-B/G-M axis* Except for Custom WB
	White balance compensation	sRGB, Adobe RGB
Colour Mode	Colour matrix	i-Enhance, Vivid, Natural, Muted, Portrait, Monotone, Custom, Art Filters / Auto, Normal, High key, low key (except for Art Filters)
	Picture Mode	Mode / Gradation (Except Art Filter)
Multi Exposure	Multi Exposure	Number of picture / Functions
	Multi Aspect	Aspect Ratio
Level Gauge	Level Gauge	2 axis
	One push Tele-converter	Magnification
Playback	Playback mode	[MOV / Full HD : Approx. 29 min (Fine) / Approx. 22 min (Normal) HD : Approx. 29 min (Fine) / Approx. 29 min (Normal) [AVI] HD : Approx. 7 min*3 / SD : Approx. 14 min*3 *5 : Except for some of the Art Filters
	Information display	Histogram (independent luminance / RGB available), Highlight / Shadow point warning, AF frame, Photographic information, OFF
Menu	Menu	34 languages selectable
	Reset & custom setting	My mode
Image Editing	Image Editing	RAW development, Gradation auto, Monochrome, Sepia, Red-eye fix, Saturation, Resize (1280x960, 640x480, 320x240), Trimming, Aspect, e-Portrait, Image Overlay, Postrecording
	Print function	Print reservation (DPOF), Direct print (PictBridge compatible)
Input / Output	USB / AV / RemoteController connector	Dedicated multi-connector (USB : USB2.0 Hi-Speed, Video : NTSC/PAL selectable, Optional Remote cable RM-UC1 can be used.)
	HDMI connector	Micro HDMI (Type-D)
Power Requirements	Flash attachment / Accessory Port 2	Hot shoe / Dedicated multi-connector (Available for VF-2/VF-3, SEMA- 1, MAL-1 and PP-1.)
	Battery	BLN-1 Li-ion battery (included)
Dimensions / Weight	Power battery holder / AC / DC Adaptor	(Option) Power Battery Holder HLD-6 / (Option) AC adapter AC-3*Optional HLD-6 has DC-IN jack for AC-3.
	Sleep mode	Available (1/3/5 min. off selectable)
Operating Environment	Operating Environment	Temperature / Humidity
	Box contents	Body, Flash FL-LM2, Li-ion battery BLN-1, Li-ion battery charger BCN-1, USB cable, AV cable, Shoulder strap, OLYMPUS Viewer 2 CD-ROM, Instruction manual, Warranty card

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