

E-M10 Mark II 1415 Kit Silver

- Classic, stylish design that is small and light
- Easy sharing and shooting with built-in Wi-Fi
- 5-Axis Image Stabilisation for blur-free photos



Power to create

Experience a new level of creative photography. The exceptionally compact E-M10 Mark II is a true expression of style - paying homage to the original renowned OM-1 with its classic design and metal body build quality. Yet it is entirely up to date with the latest technologies such as powerful 5-Axis Image Stabilisation, which gives you spectacularly pin-sharp images in any shooting situation. In addition to compatibility with a wide range of Micro Four Thirds system lenses, this OM-D also features built-in Wi-Fi to give you the power to be more creative. Place the E-M10 Mark II wherever you like and use your smartphone to control settings and shoot. Then share your images in an instant via OI.Share software and your smartphone.

Specifications

Type

Body material	Metal
Lens mount	Micro Four Thirds

Image Sensor

Type	4/3" Live MOS sensor
Effective pixels	16.1 Megapixels
Filter array	Primary colour filter (RGB)
Aspect ratio & area	4:3 / 17.3 x 13.0mm
Full resolution	17.2 Megapixels

Engine

Type	TruePic VII
------	-------------

Filter

Dust reduction filter	Supersonic Wave Filter
-----------------------	------------------------

Viewfinder

Type	Electronical Viewfinder
Pixel number	2360K dots
Diopter adjustment	-4.0 - +2.0 diopters / built-in type
Field of view	Approx. 100%
Magnification	Max. 1.23x with a 50mm lens set to infinity at -1 dioptre (depending on selected viewfinder style)
Eye point	19.2mm at -1 dioptre from eyepiece lens
Style	3 styles selectable
S-OVF	Expands the Live View dynamic range
	*Available in the EVF when in P, A, S and M modes. Art filter, WB and exposure are not reflected in EVF.
Displayed information	Aperture value Shutter speed AF frame (super impose) AF confirmation mark AF lock Auto bracket Battery check Exposure compensation indicator Exposure compensation value indicator Exposure level indicator Exposure mode Flash FP flash IS activating mode Metering mode Number of storable sequential pictures White balance Level Gauge Highlight & Shadow Live Pre-view function Histogram
Brightness adjustment	Adaptive Brightness Technology / Manual settings: +/- 7 levels
Correction of colour temperature	+/- 7 levels

Live View

Displayed information	Aperture
	Shutter speed
	Auto bracket
	AE lock
	Focus mode
	Shooting mode
	Battery check
	IS activating mode
	Face / Eye detection mode
	Record mode
	ISO
	Sequential shooting mode
	White Balance
	Metering mode
	Exposure compensation value
	AF frame display
	AF confirmation mark
	Shooting information
	Spot metering area
	Super FP
	Flash status
	Touch Panel Condition
	Focal length
	Flash mode
	Histogram
	Level Gauge
	Highlight & Shadow
	Focus peaking
	Number of storable pictures
	Custom
	Face detection
	Flash intensity
	Wi-Fi
Field of view	Approx. 100%
Magnification levels	5 / 7 / 10 / 14x

Image Stabiliser

Type	Sensor shift
Modes	Five-dimensional, vertical or horizontal activation, automatic
Effective Compensation Range	Up to 4 EV steps (CIPA)
Live View stabilisation	Available

Focusing System

Method	Contrast Detection AF system
Focus areas	81 points / All target, Group target (9-areas), Single target (normal), Single target (small)
	800 points / Manual selection in Magnified View Mode
AF lock	Available; Locked by first position of shutter release button in single AF mode, AE/AF lock button (customised)
Modes	Manual focus Single AF Continuous AF Single AF + MF AF Tracking
AF illuminator	Equipped
Full time AF	Available
Manual focus	Available; With enlarged focusing area or focus peaking
AF targeting pad	Available (activate/deactivate with double tap on rear monitor)
Face Detection extension	Eye Detect AF: Off Left side priority Near side priority Right side priority
Predictive AF	Available
AF tracking	Available; Available in continuous AF mode

Exposure System

Modes	Programme automatic Aperture priority Shutter priority Manual Bulb Time i-Auto Scene Modes Art Filter Photo Story Movie HDR My Mode
Exposure compensation	+/- 5 EV (1, 1/2, 1/3 steps) Note: Movie shooting, monitor and EVF displays only up to ± 3 EV .
Exposure bracketing	2 / 3 / 5 frames (+/- 1/3, 2/3, 1 EV steps) 7 frames (+/- 1/3, 1/2, 2/3 EV steps)
ISO bracketing	3 frames (1/3, 1/2, 1 EV steps)
AE lock	Available
My Mode	4 settings storable
Enhancement function	Digital Shift Shadow Adjustment Technology
HDR bracketing	3 / 5 frames (+/- 2 / 3 EV steps) 7 frames (+/- 2 EV steps)

Scene Modes

Number of scene modes	25
Modes	Portrait e-Portrait Landscape Landscape with Portrait Macro Sports Night Scene Night Scene with portrait Children High key Low key Digital Image Stabilisation Nature Macro Candle Sunset Documents Panorama Fireworks Beach and Snow Fisheye converter Macro converter 3D Wide converter Hand-held Starlight Panning

Multi-Exposure

Max. number of frames	2 frames (shooting) 3 frames (editing)
Auto gain control	Available
Frame assistance	Live View

Light Metering

Method	TTL open aperture light metering
Zones	324 zones Multi-pattern Sensing System
Detection range	-2 - 20 EV (17mm f2.8, ISO 100)
Modes	ESP light metering Spot metering Centre weighted metering Highlight Shadow

Art Filter

Modes	Pop Art Soft Focus Pale & Light Colour Light Tone Grainy Film Pin Hole Diorama Cross Process Dramatic Tone Gentle Sepia Key Line Water colour Partial Colour* Vintage
Variation / Effect	Available
	* 18 colours selectable

Photo Story

Modes	Standard Fun Frame Speed Zoom in / out Layout
-------	---

Sensitivity

Auto	ISO LOW* - 25600 (customisable, default ISO LOW - 1600)
Manual	ISO LOW - 25600 in 1/3 or 1 EV ISO steps
	*approx. 100

Shutter

Shutter type	Computerised focal-plane shutter
Self timer	2s / 12s / Custom
Modes	Single frame Sequential shooting Bracketing Self timer

Shutter Speeds

Standard operation	
Shutter speed range	1/4000 - 60s (in 1/3, 1/2, 1 EV steps)
Bulb mode	Up to 30 minutes (selectable longest time in the menu, default: 8 minutes)
Silent mode	
Shutter type	Electronic shutter
Shutter speed	1/16000 - 60s
Start delay	0, 1/8, 1/4, 1/2, 1, 2, 4, 8, 15, 30s
Anti-shock mode	
Shutter type	Electronic first curtain shutter
Shutter speed	1/320* - 60s
Start delay	0, 1/8, 1/4, 1/2, 1, 2, 4, 8, 15, 30s
	* For speeds over 1/320 sec., mechanical shutter will automatically be selected.

White Balance

Manual White balance (One-Touch)	Available
White balance bracketing	3 frames / +/- 2, 4, 6 mired steps
One-touch white balance	4 custom settings can be registered
Custom WB	1 setting can be registered at Kelvin temperature (2000K - 14000K)
Preset values	Tungsten Flourescent 1 Sunlight Flash Overcast Shade Underwater
Auto Flash adjustment	Off / Auto WB / Flash
Keep warm colour	On / Off

Sequence Shooting

Speed (H)	Approx. 8.5fps
Speed (L)	4fps
Max. number of frames	22 frames (RAW)
	Up to card capacity (JPG / Large Normal mode)
Conditions	Memory card: TOSHIBA SDHC UHS-II R260 W240 EXCERIA™ PRO Note: Depending on shooting conditions, the sequential shooting speed may reduce speed during shooting.

Image Processing

Colour space	sRGB / AdobeRGB
Sharpness + Contrast	5 levels
Contrast	5 levels
Saturation	5 levels
Black & White filter	Yellow, Orange, Red, Green
Black & White toning	Sepia, Blue, Purple or Green in Black & White mode
Picture mode	i-Enhance Vivid Natural Portrait Muted Monotone Art Filter
Gradation	4 levels (auto, high key, normal, low key)
Engine	TruePic VII
Art Filter bracketing	Available
Tele converter effect	2x

Flash

Modes	AUTO Manual Manual (Full, 1/4, 1/16, 1/64) Red-eye reduction Slow synchronisation with red-eye reduction Slow synchronisation Slow synchronisation 2nd curtain Fill-in Off TTL-Auto
Type	Built-in
Flash compensation	+/- 3 EV / 1/3, 1/2, 1 EV steps
Guide number	8.2 (ISO 200)
X-sync speed	1/250s

External Flash Control

X-sync speed	1/250s / 1/4000s (Super FP Mode)
Type	TTL AUTO, AUTO, MANUAL, FP TTL AUTO, FP MANUAL
Modes	Auto Red-eye reduction Slow synchronisation 2nd curtain and slow synchronisation Fill-in for exclusive flash Manual
Intensity	+/- 3 EV (1/3, 1/2, 1 EV steps)
	Note: Some functions are only available if they are supported by the external flash.

Wireless Flash Control

Number of channels	4 channels
Compatible external flash	FL-36R, FL-50R, FL-300R, FL-600R
Control method	Triggered and controlled by built-in flash light
Group setting	4 groups
	Available when used together with cameras compatible with the Olympus wireless RC flash system.

Monitor

Monitor type	Tiltable LCD - Touch Panel
Monitor size	7.6cm / 3.0" (3:2)
Resolution	1037K dots
Brightness adjustment	+/- 7 levels
Colour balance	+/- 7 levels Vivid (default) / Natural
Touch Control functions	AF area enlargement AF area selection Art Filter Enlargement Enlargement playback Frame forward/backward Live Guide Scene Modes Shooting mode Shutter release Super Control Panel Wi-Fi connection

Level Gauge

Detection	2-axis
Display	Rear display and viewfinder

Recording Formats

RAW	12bit
RAW & JPEG	Applied parallel recording
JPEG	Applied
Aspect ratio	4:3 / 3:2 / 16:9 / 6:6 / 3:4
MPO (3D)	Applied

Image Size

RAW	4608 x 3456 compressed / 17MB / frame
	4608 x 3456 Fine (compression: 1/4) / 7.5MB / frame
	4608 x 3456 Normal (compression: 1/8) / 3.5MB / frame
Middle	3200 x 2400 / 1.7MB / frame
Small	1280 x 960 / 0.4MB / frame

Still Image Recording

EXIF	2.2
PIM	III
DPOF	Applied
DCF	Applied

Movie Recording System

Recording format	MOV(MPEG-4AVC/H.264), AVI(Motion JPEG)
Image Stabilisation Mode	Applied Sensor shift (5-axis)
HD Movie quality	Full HD 1920 x 1080 (16:9) / 30p, 25p, 24p (MOV) Full HD 1920 x 1080 (16:9) / 60p, 50p (MOV) HD 1280 x 720 (16:9) / 60p, 50p, 30p, 25p, 24p (MOV) HD 1280 x 720 (16:9) / 30p (AVI Motion JPEG®)*
Movie quality	640 x 480 / 30fps (AVI Motion JPEG®)
Maximum Recording Time	29min (MOV) 14min (SD) / 7min (HD) (AVI Motion JPEG®)*
Exposure Modes	Aperture priority Art Filter Manual Programme automatic Shutter priority * Some Art Filters are excluded
Time code	Rec run / Free run Drop frame / Non-drop frame

Movie Specialties

High-Speed Recording	VGA / 120fps
Time lapse	4k, 1080p, 720p (AVI Motion JPEG®)

Sound Recording System

Internal microphone	Stereo
Recording format	Stereo PCM/16bit, 48kHz, Wave Format Base
Image footage	30s
Speaker	Equipped
Microphone functions	Wind Noise Reduction Recording Volume Microphone limiter

View Images

Modes	Index Calendar Zoom Slide show Movie Single
Light box	Available
Histogram in playback mode	Available
Shooting information	Off / On
Highlight/Shadow point warning	Available

Erase / Protect / Copy Function

Erase modes	Single, All, Selected
Image protect mode	Single frame, Selected frames, All Frames, Release protect (Single/All selected)

Menu

Menu languages in camera	English, French, German, Spanish, Italian, Russian, Czech, Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croatian, Slovenian, Hungarian, Greek, Slovak, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian
--------------------------	--

Customisation Options

Fn Button	Equipped
My Mode	4 settings storable (Can be set to mode dial.)
Factory reset	Full / Basic
Programmable button	Equipped

Interface

Hot shoe	Equipped
Media	SD Memory Card (SDHC, SDXC, UHS-I/II compatible)
HDMI™	Applied Micro connector (Type D) *
USB 2.0 High Speed	Applied
Combined V & USB output	Equipped NTSC or PAL selectable
Wireless connectivity	Wi-Fi
	* "HDMI", the HDMI logo and "High-Definition Multimedia Interface" are trademarks or registered trademarks of HDMI Licensing LLC.

Wi-Fi Functions

Easy Connection	QR code setting
Wireless Shooting	Live View
	Power off
	Rec View
	Self timer
	Touch AF & Shutter
	P/A/S/M exposure modes
	Bulb mode
	Live Composite
	Zoom

Power Supply

Battery	BLS-50 Lithium-Ion Battery (included)
Sleep mode	1, 3, 5, 10 min. and off selectable.
Live View shooting	Approx. 320images (50% with Live View) (using BLS-50 and TOSHIBA SD with IS ON, based on CIPA testing standards)
	Approx. 750images (50% with Live View) (when shot in Quick Sleep Mode, based on CIPA testing standards)

Environment

Temperature	0 - 40°C Operating temperature / -20 - 60°C storage temperature
Humidity	30 - 90% operation humidity / 10 - 90% storage humidity

Exterior

Available Colours	Black
	Silver

Dimensions / Weight

Width	119.5mm
	342g (body only)
Height	83.1mm
Depth	46.7mm
Weight	390g (including battery and memory card)