

# OLYMPUS PEN

New Generation System Cameras



**E-PL2**



## OLYMPUS PEN E-PL2 Makes Shooting Still and Moving Images Easier and More Enjoyable Than Ever

In addition to creative functions such as Art Filters, the E-PL2 is equipped with an intuitive interface called Live Guide. Live Guide offers tips and tricks that will help you enjoy SLR-quality photography.

**Enjoy SLR quality with intuitive operation**

Operation is a breeze thanks to Live Guide, which enables simple control of background defocusing and other operations. The big 3-inch monitor gives you a sharp, clear view.

- [Live Guide](#)
- [3.0-inch 460,000-dot LCD monitor](#)
- [HD Movie](#)



Live Guide

## Unleash the visionary within

Enjoy the rich expressive power of exclusive Olympus functions such as Art Filters and Multi-Aspect Ratios.

- [Art Filters](#)
- [Art Effect function](#)



Dramatic Tone

## Expand your photography with optional accessories

Unique accessories extend the joy of photography.

- [Communication unit PENPAL](#)
- [Converter lenses](#)
- [MAL-1 Macro Arm Light](#)



## Enhanced Shooting Functions

- Built-in image stabilization
  - Eye Detect AF
  - i-ENHANCE
  - Multi-Aspect
  - e-Portrait
  - Built-in flash
  - Other Features
- \* The photo is for illustrative purposes only.
  - \* Product availability depends on sales areas.
  - \* Color availability depends on sales areas.



## Enjoy SLR quality with intuitive operation

The Live Guide interface allows you to create highly original photographs just by following a series of simple steps. You'll be able to easily and intuitively adjust five parameters critical to advanced SLR photography including defocusing, while viewing the LCD.

### Live Guide



With the iAUTO function that sets the optimum picture mode when you point the camera at the subject, Olympus made sure that every picture turned out just right. Now, with Live Guide, you'll be able to manipulate various photographic parameters like a pro and take unique pictures that truly reflect your vision. All you have to do is select one of the five parameters ("color vividness", "color balance", "image brightness", "depth of field" and "subject in motion") and adjust the selected parameter by turning the control dial, while observing changes on the LCD monitor screen. Plus, Live Guide is supplemented by "Shooting Tips", which explains in clear, simple language how to take advantage of advanced shooting techniques such as the selection of the angle and composition according to each subject. It helps you take advantage of advanced photographic techniques and get the kind of amazing results you've always dreamed of.

### **Blur background**

Select "Depth of field" from the menu, and rotate the control dial to the "Blur" position for the desired blurring point.



### **Sharp background**

Rotate the control dial to the "Sharp" position to get sharp focus throughout the depth of field.



### **Movie compatibility**

With the E-PL2, the Live Guide can be used in movie recording as well as in still image shooting. Sophisticated SLR-style imaging is now also available with movies.

### **3.0-inch 460,000-dot LCD monitor**

The 3.0-inch HyperCrystal LCD monitor has a definition of 460,000 dots, which allows you to clearly see delicate gradations in images, as well as text readouts.

### **HD Movie**

In addition to SLR-quality movies, the E-PL2 lets you create artistic photographs using Art Filters. Sound is recorded in the high-quality linear PCM format. When an optional SEMA-1 Microphone Set 1 is used, stereo recording is also possible. And when connected to HDMI-equipped TV set<sup>\*1</sup> via a commercially available HDMI mini-cable, you can control the camera's playback operation using your TV's remote control unit<sup>\*2</sup>.



- \*1 Only when used with an HDMI-CEC compatible TV set.
- \*2 Some operations may not be available depending on the TV set used.
- \* The frame rate varies according to the Art Filter used. With the "Diorama" Art Filter, the subject is recorded at a slower frame rate and played back at a higher rate, so sound recording is not possible.
- \* For movie recording, it is recommended to use an SD/SDHC/SDXC card compatible with a speed class of 6 or higher.
- \* The photo is for illustrative purposes only.
- \* Product availability depends on sales areas.
- \* Color availability depends on sales areas.

## Specifications

<b>Product Type</b>	Product type	Micro Four Thirds interchangeable lens system camera
	Memory	SD Memory Card (SDHC/SDXC compatible)* * Class 6 is recommended for Movie shooting
	Screen size	17.3 mm (H) x 13.0 mm (V)
	Lens mount	Micro Four Thirds Mount
<b>Image Pickup Element</b>	Product type	4/3" High-Speed Live MOS Sensor
	No. of pixels	No. of effective pixels: 12.3 million pixels, Total no. of pixels: Approx. 13.1 million pixels
	Aspect ratio	1.33 (4:3)
	Dust reduction	Supersonic Wave Filter (dust reduction system for image sensor)
<b>Recording (Still)</b>	Recording format	DCF, DPOF compatible/Exif, PRINT Image Matching III
	File format	RAW (12-bit lossless compression), JPEG, JPEG+RAW
	Recording image	[RAW] 4032 x 3024 pixels

	size	[JPEG] 4032 x 3024 pixels - 640 x 480 pixels
	Recording format	AVI Motion JPEG (30 fps) * Except for some of the Art Filters
<b>Recording (Movie)</b>	Movie mode	HD: 1280 (H) x 720 (V) Aspect 16:9, SD: 640 (H) x 480 (V) Aspect 4:3 (VGA)
	Maximum recording time	HD: Approx. 7 min., SD: Approx. 14 min. * Except for some of the Art Filters
<b>Recording (Sound)</b>	Recording format	WAVE Format, Stereo Linear PCM/16-bit, Sampling Frequency 44.1 kHz
<b>Live View</b>	Display mode	100% field of view, Exposure compensation preview, White balance adjustment preview, Gradation auto preview, Face detection preview (up to 8 faces), Grid line, Histogram, 7x/10x/14x magnification display, Perfect shot preview, Off
<b>Compatible Electronic Viewfinder (EVF) (Optical viewfinder not provided)</b> * Cannot be used with an accessory mounted on the hot shoe.	External electronic viewfinder	VF-2
	No. of display dots	Approx. 1.44 million dots
	Field of view / Magnification	100% / 1.15x magnification ( $-1\text{m}^{-1}$ , 50 mm at infinity)
	Eye point	Approx. 18 mm ( $-1\text{m}^{-1}$ )-
	Diopter adjustment range	$-3.0 - +1.0\text{m}^{-1}$
	Brightness / Colour temperature control	$\pm 7$ levels / $\pm 7$ levels
<b>Image Stabilization</b>	System	Built in (Image sensor shift type), 3 modes (I.S.1, I.S.2, I.S.3)
	Focal length setting	Available
	IS for movie	Digital image stabilization
<b>Monitor</b>	LCD monitor	3.0-inch HyperCrystal LCD, Approx. 460,000 dots, 100% field of view
	Brightness / Colour temperature control	$\pm 7$ levels / $\pm 7$ levels
<b>Focusing</b>	AF system	High-Speed Imager AF Single AF (S-AF) / Continuous AF (C-AF) / Manual Focus (MF) / S-AF + MF / AF Tracking (C-AF + TR)
	Focus mode	* When a Four Thirds System lens (including high-speed imager AF compatible lenses) is used, it works as S-AF in C-AF mode.
	Enlarge select AF	Available
	Focusing point	11-area multiple AF (Auto target, Single target)
	AF lock	Locked at first position of Shutter button in Single

<b>Exposure Control</b>		AF mode
	Manual focus assist	Live View image is magnified when the focus ring is rotated(S-AF+MF or MF mode)
	Metering system (TTL image sensor metering)	(1) Digital ESP metering (324-area multi pattern metering) (2) Centre-weighted average metering (3) Spot metering (4) Spot with Highlight control (5) Spot with Shadow control
	Metering range	EV 0 - 20 (at normal temperature, 17mm f2.8, ISO 100)
	Exposure mode	(1) iAUTO (2) P: Programme AE (Programme shift can be performed) (3) A: Aperture priority AE (4) S: Shutter priority AE (5) M: Manual (6) Scene select AE (7) Art Filter
	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 Converter, Wide Converter, Macro Converter
	ISO sensitivity	AUTO: ISO 200 - 6400 (customizable, Default 200-1600) / Manual: ISO 200 - 6400, 1/3 or 1 EV steps
	Exposure compensation	±3 EV in 1/3, 1/2, 1 EV steps selectable
	AE lock	Locked at first position of Shutter button
	Exposure bracketing	2, 3 or 5 frames in 0.3/0.5/0.7/1 EV steps selectable, 7 frames in 0.3/0.5/0.7 EV steps selectable
<b>White Balance</b>	ISO bracketing	3 frames in 0.3, 0.7, 1 EV steps selectable
	White balance mode	Auto WB, 7 Preset WBs, Custom WB (colour temperature registerable), One-touch WB
	WB compensation	±7 steps in each A-B/G-M axis (in Auto / Preset / One-touch WB mode)
<b>Colour Mode</b> <b>Picture Mode</b>	WB bracketing	3 frames in 2, 4, 6 steps selectable in each A-B/G-M axis.
	Colour matrix Mode	sRGB, Adobe RGB i-ENHANCE, Vivid, Natural, Muted, Portrait,



		Monotone, Custom
	Gradation	4 levels (Auto, High Key, Normal, Low Key)
	Product type	Computerized focal-plane shutter
<b>Shutter</b>	Shutter speed	60 - 1/4000 sec., Bulb: up to 8 min. (default) (1/3, 1/2 or 1 EV steps selectable)
	Self-timer	Operation time: 12 sec., 2 sec. (cancel available)
<b>Drive</b>	Drive mode	Available (with optional RM-UC1 Remote cable.)
	Sequential shooting speed	Single-frame shooting, Sequential shooting, Self-timer
<b>Sequential Shooting</b>	Max. recordable pictures on sequential shooting	RAW mode: Max. 10 frames. JPEG mode: Depends on compression ratio and no. of pixels (LN mode: 17 frames with TOSHIBA Super High Speed Class 6 SDHC 4GB Card, under Olympus's standard testing conditions)
	Flash control mode	TTL Auto (TTL pre-flash mode), Auto*, Manual * Available on the external flash
	Built-in flash	Retractable flash, GN=10 (ISO200), GN=7 (ISO100)
<b>Integrated Flash</b>	Flash mode	Auto, Red-eye reduction, Red-eye reduction slow sync. (1st curtain), Slow sync. (1st curtain), Slow sync. (2nd curtain), Manual (Full, 1/4, 1/16, 1/64), Fill-in, Off
	Synchronization speed	1/180 sec. or less (Super FP: 1/125 - 1/4000 sec.)* * Available on the external flash
	Flash intensity control	Up to $\pm 3$ EV in 0.3, 0.5 or 1 EV steps selectable
	Flash bracketing	3 frames in 0.3, 0.5, 0.7, 1EV steps selectable
	Compatible external flash	FL-50R, FL-36
<b>Wireless Flash Control</b>	Control method / Flash control mode	Triggered and controlled by built-in flash light (Olympus Wireless RC Flash system compatible) / TTL Auto, Auto, Manual, FP TTL Auto, FP Manual
	Number of channel	4 channels / 3 groups
<b>Art Filter</b>	Mode	Pop Art, Soft Focus, Grainy Film, Pin Hole, Diorama, Dramatic Tone
<b>Multi-Exposure</b>	No. of pictures / Functions	2 pictures/ Auto gain, Exposing on Recorded picture
<b>Multi-Aspect</b>	Aspect Ratio	4:3 / 3:2 / 16:9 / 6:6
<b>Sound</b>	Microphone / Speaker	Mono*/mono (Mute, Volume control available) * Stereo sound recording is available when optional SEMA-1 Microphone Set 1 is attached.

<b>Playback</b>	Playback modes	Single-frame, Information display, Index (4/9/25/100 frames), Calendar, Close-up (2 - 14X),
	* Customize function	Picture rotation (manual), Movie (with sound, FF/REW/Pause), Slideshow (with BGM/BGM + Sound/Sound available)
<b>Menu</b>	Information display	Histogram (independent luminance/RGB available), Highlight/Shadow point warning, AF frame, Photographic information, Off
	* Customize function	
<b>Custom Setting</b>	Languages	Available from 34 languages including English, Korean, Simplified Chinese, Traditional Chinese
	My Set	4 settings can be registered
<b>Image Editing</b>	Editing function	RAW development, Gradation auto, Monotone, Sepia, Red-eye fix, Saturation, Resize (1280 x 960, 640 x 480, 320 x 240), Trimming, Aspect, e-Portrait, Image composition
	Post-recording	Audio dubbing possible for still images (up to 30 sec.)
<b>Print</b>	Print function	Print reservation (DPOF), Direct print (PictBridge compatible)
	PC interface	USB 2.0 Hi-Speed
<b>Input/Output</b>	TV interface	HDMI-OUT (HD/Stereo), VIDEO-OUT (SD/Mono)
	USB/AV connector	Dedicated multi-connector (Video: NTSC/PAL selectable), Optional RM-UC1 Remote Cable
	HDMI connector	Mini HDMI type-C
	Flash attachment	Hot shoe
<b>Power Requirements</b>	Accessory port	Dedicated multi-connector (Available for VF-2 Electronic Viewfinder, SEMA-1 Microphone Set 1, Macro Arm Lighr MAL-1, Communication Unit OLYMPUS PENPAL PP-1)
	Battery	BLS-5 Li-ion battery (included)
	Sleep mode	Available (1, 3, 5, 10 min., off selectable)
	No. of recordable pictures	Approx. 280 shots (with BLS-5 and TOSHIBA Super High Speed Class 6 (4GB) SDHC card under CIPA testing standard)
<b>Dimensions / Weight</b>	Dimensions	115.4 mm (W) x 72.7 mm (H) x 42 mm (D) (excluding protrusions)
	Weight	Approx. 362g (CIPA guideline compliant, with BLS-1 battery and SDHC memory card), Approx. 317 g (body only)
<b>Operating Environment</b>	Temperature	0 - 40° (operation) / -20 - 60° (storage)
	Humidity	30 - 90% (operation) / 10 - 90% (storage)

- \* Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer.
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