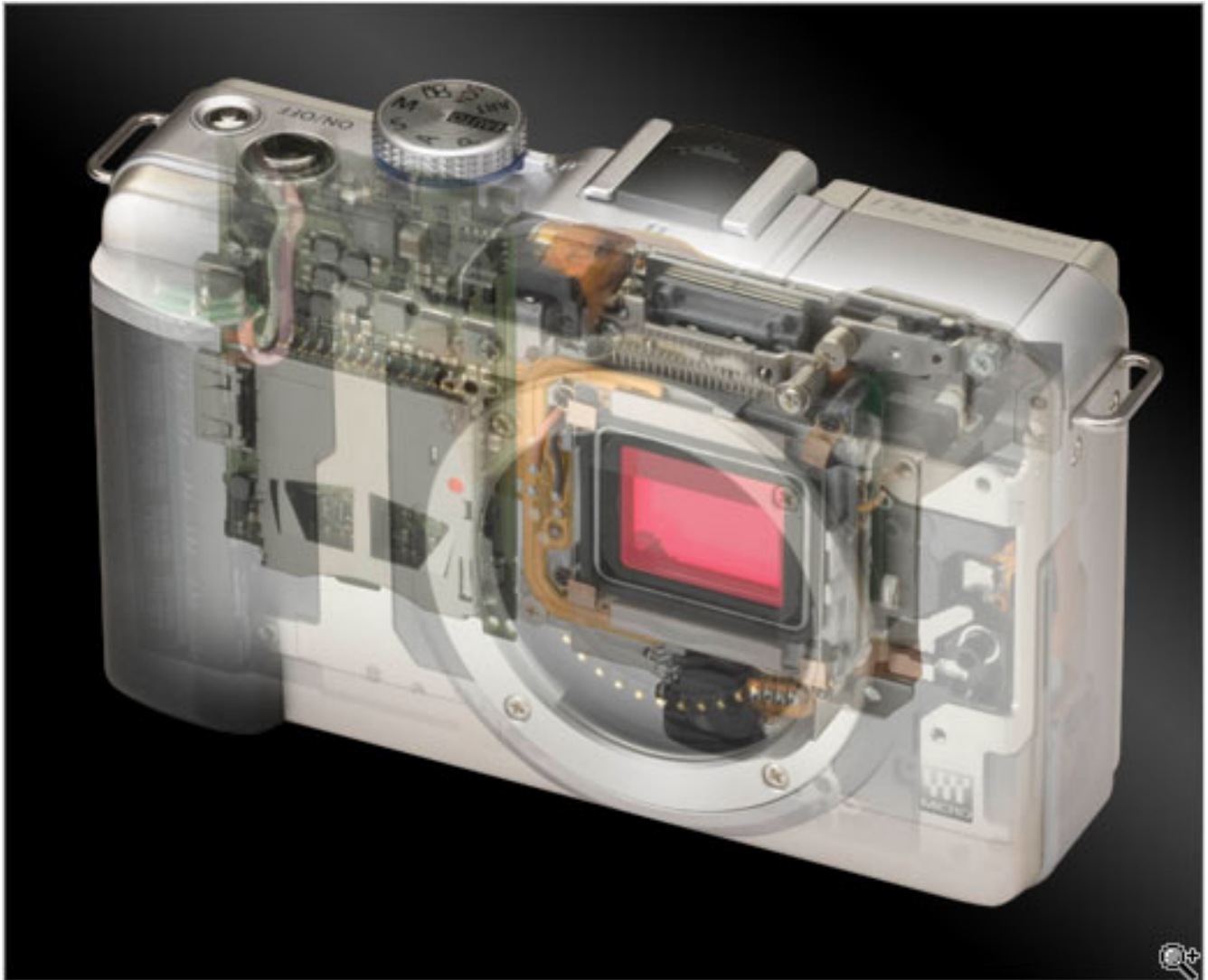


Digital Photography Review

Olympus E-PL1 review

Page 2. Specifications

Olympus PEN E-PL1 specifications



Prices
(Body + 14-42mm)

- US: \$599
- UK: £549
- EU: €599

Body material

Plastic with metal front panel

Sensor

- 4/3" Hi-Speed Live MOS sensor
- 17.3 x 13.0 mm active area
- 13.1 million total pixels
- 12.3 million effective pixels
- RGB (Primary) color filter array
- Fixed low pass filter (anti-alias filter)

Dust suppression	Supersonic Wave Filter
Image stabilization	<ul style="list-style-type: none"> • "Supersonic Wave Drive" (in-body sensor shift) • Three modes: Horizontal+Vertical, Vertical only, Horizontal only • Up to 3 EV compensation (claimed)*
Image processor	TruePic V
Image sizes (Still)	<ul style="list-style-type: none"> • 4032 x 3024 • 3200 x 2400 • 2560 x 1920 • 1600 x 1200 • 1280 x 960 • 1024 x 768 • 640 x 480
Image sizes (Movie)	<ul style="list-style-type: none"> • 1280 x 720 (HD)@ 30 fps • 640 x 480 @ 30 fps
Movie length	<ul style="list-style-type: none"> • 7 min @ HD • 14 min @ 640 x 480
Aspect Ratio	4:3(Default), 3:2, 16:9, 6:6
File formats	<ul style="list-style-type: none"> • RAW • RAW + JPEG • JPEG (EXIF 2.2) • AVI Motion JPEG
Lenses	<ul style="list-style-type: none"> • Micro Four Thirds Mount • Range of M.ZUIKO DIGITAL lenses available • Multiply focal length by 2 for 35 mm equiv. FOV • Compatible with standard Four Thirds lenses via adapter.
Auto focus	<ul style="list-style-type: none"> • Imager Contrast Detection AF system • 11-area multiple AF • When non High-speed imager AF compatible lens is used, it works as AF assist.
Focus Area Selectable	<ul style="list-style-type: none"> • Automatic • Manual • Auto from all 11 area, Single area from 11 area • Auto from almost all area when Face detection is ON • Free selection (from 225points) when Magnified View Mode is selected
Focus modes	<ul style="list-style-type: none"> • Single shot AF (S- AF) • Continuous AF (C-AF) • Manual focus (MF) • Single + Continuous (S-AF+ MF) • AF Tracking (C-AF+ TR)*
AF assist lamp	<ul style="list-style-type: none"> • No
Exposure modes	<ul style="list-style-type: none"> • iAuto • Program AE (with shift) • Aperture priority AE • Shutter priority AE • Manual • Art Filter • Scene select
Scene modes	<ul style="list-style-type: none"> • Portrait • e-Portrait • Landscape • Landscape + Portrait

	<ul style="list-style-type: none"> • Macro • Sport • Night Scene • Night + Portrait • Children • High Key • Low Key • DIS mode • Nature Macro • Candle • Sunset • Documents • Panorama • Fireworks • Beach & Snow
Art Filter	<ul style="list-style-type: none"> • Pop art • Soft focus • Pale & light color • Light tone • Grainy film • Pin hole • Diorama* • Gentle sepia*
Sensitivity	<ul style="list-style-type: none"> • Auto : ISO 200 - 3200 (customizable, Default 200-1600) • Manual ISO 100 - 6400, 1/3 or 1 EV steps
Metering system	<ul style="list-style-type: none"> • TTL Image Sensor metering system • 324-zone multi-pattern
Metering modes	<ul style="list-style-type: none"> • Digital ESP (324-area multi-pattern metering) • Center-Weighted Average • Spot (1%) • Highlight based spot • Shadow based spot
AE Lock	<ul style="list-style-type: none"> • AE lock available • AF lock with shutter release half-press in Single AF mode
Exposure comp.	<ul style="list-style-type: none"> • Up to ± 3.0 EV • 1/3, 1/2 or 1.0 EV steps
AE Bracketing	<ul style="list-style-type: none"> • 3 frames • 0.3, 0.5, 0.7 or 1.0 EV steps
Exposure fine tune	<ul style="list-style-type: none"> • ± 1EV in 1/6EV steps
Shutter speed	<ul style="list-style-type: none"> • 60-1/2000 sec*
Flash X-sync speed	<ul style="list-style-type: none"> • 1/30 - 1/160* • 1/125 - 1/2000 with 'Super FP' compatible flash
White balance	<ul style="list-style-type: none"> • Auto • Cloudy • Shade • Flash • Daylight • Fluorescent 1 • Fluorescent 2 • Fluorescent 3 • Lamp • 1 custom preset

WB fine tuning	<ul style="list-style-type: none"> • Kelvin (2000 - 14000 K) • Red - Blue: ± 7 steps (2 mired each) • Green - Magenta: ± 7 steps (2 mired each)
WB Bracketing	<ul style="list-style-type: none"> • 3 frames • 2, 4 or 6 steps
Color space	<ul style="list-style-type: none"> • sRGB • Adobe RGB
Image parameters	<ul style="list-style-type: none"> • iEnhance (3 levels) • Saturation - 5 levels (Vivid, Natural, Portrait, Muted) • Sharpness - 5 levels (Vivid, Natural, Portrait, Muted, Monotone) • Contrast- 5 levels (Vivid, Natural, Portrait, Muted, Monotone) • B&W filter (Yellow, Orange, Red, Green) • B&W/Sepia toning (Sepia, Blue, Purple or Green) • Gradation (4 levels)
Drive modes	<ul style="list-style-type: none"> • Single • Sequential • Self-timer (2 or 12 sec)
Continuous	<ul style="list-style-type: none"> • 3.0 fps • RAW: 10 frames maximum
Internal Flash	<ul style="list-style-type: none"> • Guide number 10 @ ISO 200 (7 @ ISO 100) • TTL-Auto, Manual (Full, 1/4, 1/16, 1/64) • 5500K ± 400K color temperature • Wireless control (4 channels) up to 3 groups
External Flash	<ul style="list-style-type: none"> • Hot-Shoe • Compatible with E-system Flash (FL-50R, FL-36R, FL-50, FL-36, FL-20, FL-14) • External Flash Control : TTL Auto, Auto, Manual, FP-TTL-Auto, FP-Manual • Modes: Auto, Red-eye reduction, Red-eye reduction slow sync., Slow sync at 1st curtain, Slow sync at 2nd curtain, Fill-in, Manual (1/4, 1/16, 1/64), Off. • Flash power: Up to ± 3EV in 1, 1/2, or 1/3 EV steps
On-screen information, live control mode (Additional info in Super Control Panel mode, engaged via custom settings menu, in green)	<ul style="list-style-type: none"> • Battery information • Shooting mode • Shutter speed • Aperture value • Exposure compensation value • ISO sensitivity • Exposure compensation indicator • Exposure indicator • Flash intensity compensation indicator • Date • Auto BKT setting • NR setting • WB • WB compensation value • Record mode • Flash Status • Image size • Drive mode • Flash intensity compensation value • Metering mode • Recordable still image number • Focusing mode • Gradation

	<ul style="list-style-type: none"> • IS activating mode • Face detection • My Mode • Multi Exposure • Aspect Ratio • Super FP • AF frame • Colour space • Sharpness • Contrast • Saturation • Internal Temperature Warning
Orientation sensor	<ul style="list-style-type: none"> • No*
Electronic Viewfinder	<ul style="list-style-type: none"> • External (optional)*
LCD monitor	<ul style="list-style-type: none"> • 2.7" HyperCrystal LCD with Anti-Reflective Coating* • 230,000 pixels • 100% frame coverage • 15 step brightness adjustment • 15 step Color Balance adjustment (R-B, G-M)
Live View	<ul style="list-style-type: none"> • 100% field of view • Max 8 frames of face detection can be displayed • AF operation • 7x - 14x magnification*
Live View Modes	<ul style="list-style-type: none"> • Normal Mode • Grid Line Mode (4 types)* • Histogram Mode • Highlight & Shadow Mode* • Comparison View Mode
Live View Information	<ul style="list-style-type: none"> • Aperture value • Shutter speed • Auto Bracket • AE Lock • AF mode • IS • Shooting Mode • Battery Check • My Mode • Internal Temperature Warning • Face Detection • Histogram • Number of storable still pictures • Record mode • ISO • Sequential shooting • Self-timer • White Balance • Metering Mode • AF confirmation mark • Exposure Compensation Value • Spot metering Area <ul style="list-style-type: none"> • Only when E-system Flash attached : Flash Mode, Flash Status, Flash intensity Control, Super FP
Playback functions	<ul style="list-style-type: none"> • Single-frame

	<ul style="list-style-type: none"> • Information Display • Index Display(4/9/25/100 frames, Calendar) • Close-up (2 - 14X) • Movie (w/sound, FF/REW/Pause) • Slideshow(Still/Movie/Still+Movie, Slide show w/BGM/BGM+Sound/Sound)
Editing	<ul style="list-style-type: none"> • RAW development • JPEG editing (B&W, Sepia, Red eye reduction, Color saturation, Resize, Shadow Adjustment Technology, Anti red-eye)
Storage	<ul style="list-style-type: none"> • SD/SDHC
Connectivity	<ul style="list-style-type: none"> • USB 2.0 (Hi Speed) • Mini HDMI • Video Out (NTSC / PAL)
Optional Accessories	<ul style="list-style-type: none"> • Flash FL-14, FL-20, FL-36, FL-50, FL-36R, FL-50R • Adaptor MF-2 for OM lenses • Adaptor MMF-1 for four thirds lenses • VF-2 Electronic Viewfinder* • SEMA-1 stereo mic kit* • PT-EP01 underwater housing*
Power	BLS-1 1150 mAh Lithium-Ion rechargeable battery (supplied & charger)
Dimensions	115mm (W) x 72mm (H) x 42mm (D) (excluding protrusions) 4.5" x 2.8" x 1.7"
Weight (no batt)	334g (296g)
Box contents	E-PL1 Body, Li-ion battery BLS-1, Li-ion battery charger BCS-1, USB/Video Multi cable, Shoulder strap, OLYMPUS [ib] software CD-ROM*, Instruction manual, Warranty card.

* Changed compared to the E-P2

* Changed compared to the E-P1

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