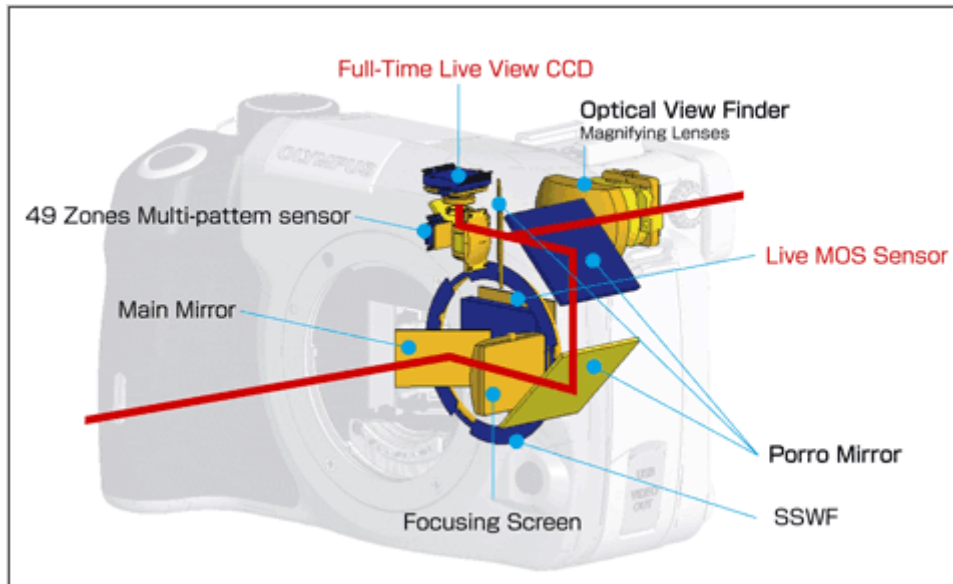# Olympus E-330 EVOLT Review

Phil Askey

Live View

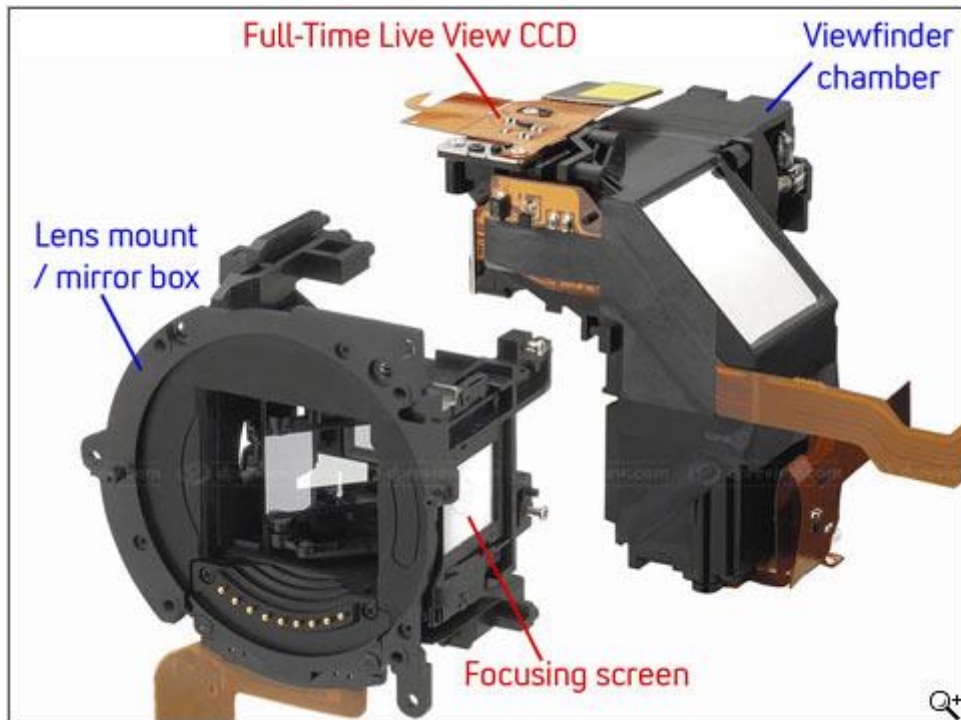as suggested by me five years ago

introduction of firmware 1.2

	A Mode (full-time live view)	B Mode (macro live view)
Method	Using small CCD sensor in viewfinder chamber	Using 'Live MOS' sensor with mirror up and shutter open
Auto focus	Yes	Yes, with firmware 1.2
Metering	Normal *1	Not indicated *2
Viewfinder	Available	Unavailable (mirror up)
Frame coverage	92%	100%
Shutter release	Normal	Delayed approx. 1 sec *3
Frame assist	Passport modes	Golden section, Grid, Scale
Live view magnify	No	Yes, 10x
Depth of field	Not representative	Absolutely accurate
DOF preview	Yes, via button	Yes, via button

Compared to the E-300 EVOLT feature and specification differences

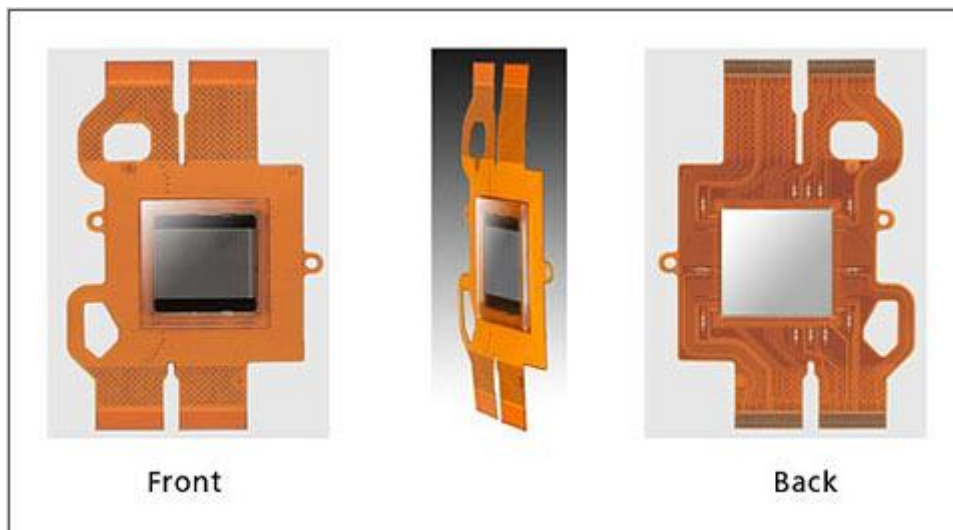|	Olympus E-330 EVOLT	Olympus E-300 EVOLT
Sensor	• 4/3 Type 'Live MOS' (NMOS) • 7.5 million effective pixels	• Kodak 4/3 Type CCD • 8.0 million effective pixels
Image sizes	• 3136 x 2352 • 2560 x 1920 • 1600 x 1200 • 1280 x 960	• 3264 x 2448 • 3200 x 2400 • 2560 x 1920 • 1600 x 1200

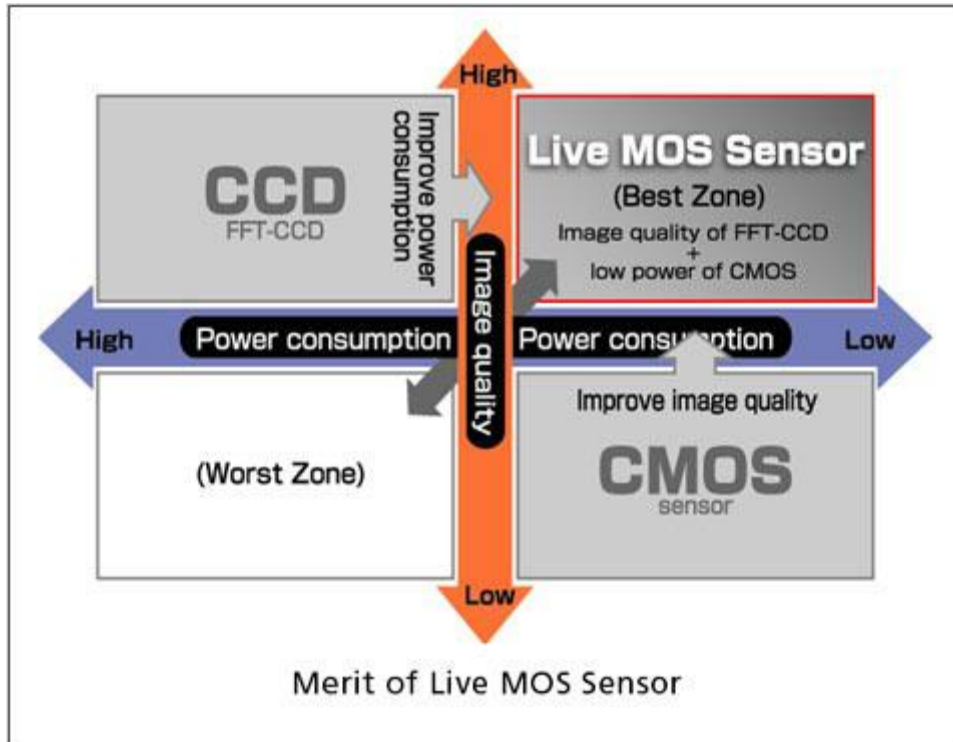|		
	• 1024 x 768 • 640 x 480	• 1280 x 960 • 1024 x 768 • 640 x 480
Metering sensor	New 49 area (7 x 7 matrix)	Unspecified
Metering modes	• Digital ESP • Center-Weighted Average • Spot • Highlight based spot • Shadow based spot	• Digital ESP • Center-Weighted Average • Spot
ISO sensitivities	• Auto (ISO 100 - 400) • ISO 100 • ISO 125 • ISO 160 • ISO 200 • ISO 250 • ISO 320 • ISO 400 • ISO 500 * • ISO 640 * • ISO 800 * • ISO 1000 * • ISO 1250 * • ISO 1600 * * With ISO Boost set to On	• Auto (ISO 100 - 400) • ISO 100 • ISO 200 • ISO 400 • ISO 800 * • ISO 1600 * * With ISO Boost set to On
Noise filter	• New High ISO noise filter • Optionally enabled	Unspecified
HQ compression options	• 1/2.7 • 1/4 • 1/8 • 1/12	• 1/4 • 1/8
Focus modes	• S-AF • C-AF • MF • S-AF & MF • C-AF & MF	• S-AF • C-AF • MF • S-AF & MF
MF bracketing	Yes	No
WB bracketing	• 3 frames • 5, 10 or 15 mired steps	• 3 frames • 1, 2 or 3 steps
Continuous	• 3.0 fps • RAW: 4 frames • JPEG: 15 frames max	• 2.5 fps • RAW: 4 frames • JPEG: 4 frames
My Mode	Yes	No
B&W Mode	Selectable filters	Fixed monochrome filter
Custom WB	1 memory	3 memories

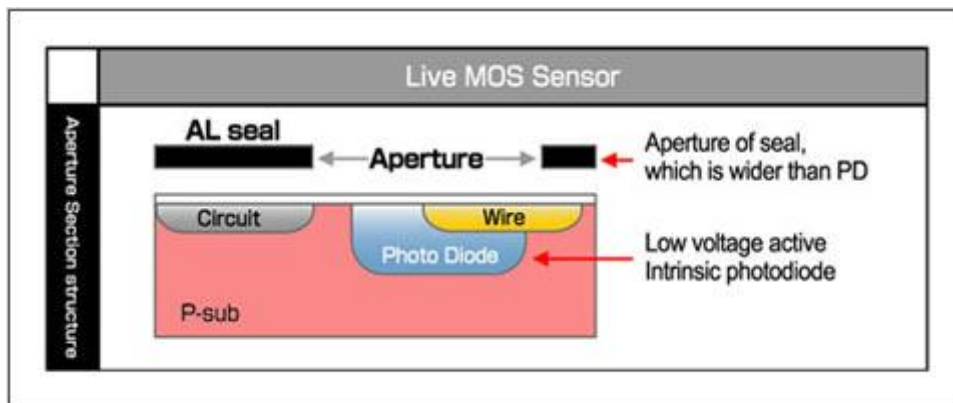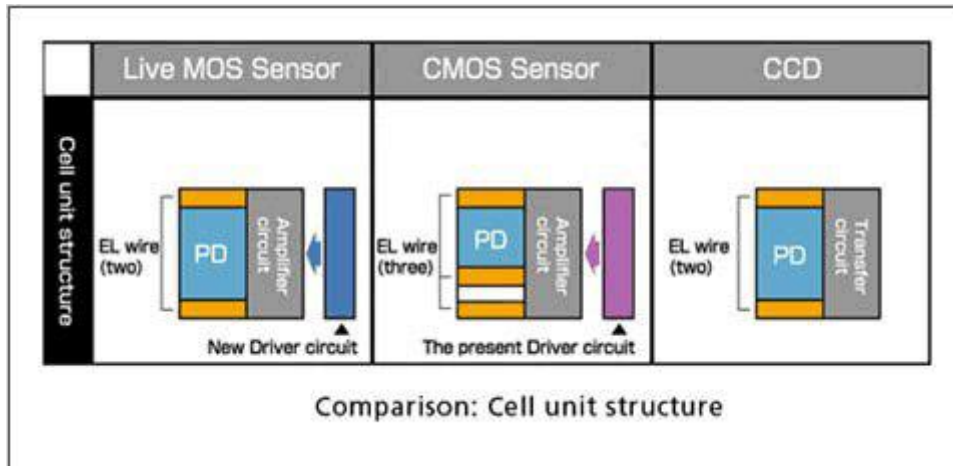|		
Kelvin WB	2000 - 14000 K	2000 - 10000 K
Flash bracketing	Yes	No
Scene modes	• Portrait • Landscape • Landscape & Portrait • Night Scene • Night Scene & Portrait • Children • Sports • High Key • Low key • D Image Stabilization • Macro • Natural Macro • Candle • Sunset • Fireworks • Documents • Panorama • Beach & Snow • Under Water Wide • Under Water Macro	• Portrait • Landscape • Landscape + Portrait • Night Scene • Night Scene + Portrait • Macro • Sunset • Candle • Fireworks • Documents • Museum • High Key • Beach & Snow • Sport
Info. display	• Two levels • Color selectable	One level
Record review	Any of the seven play display modes	Single image, no histogram
Play display modes	• No overlaid information • Basic overlay • More detailed overlay • Thumbnail, AF point, 4 way histogram • Large histogram overlay • Blinking highlights • Blinking shadows	• No overlaid information • Basic overlay • More detailed overlay • Large histogram overlay • Blinking highlights • Thumbnail, AF point, info
Play magnify	Up to 14x	Up to 10x
Play index	4, 9, 16, 25 frames, Calendar	4, 9, 16 frames
Play marking	Yes, batch erase and copy	No
Red-eye fix	Yes, play mode 'Edit'	No
Storage	• Compact Flash • xD-Picture Card	Compact Flash
Viewfinder	• Side mounted Porro Finder • 94% field of view • 1.0x magnification • Clip-fit eyecup	• Side mounted Porro Finder • 94% field of view • 1.0x magnification • Fixed eyecup

LCD monitor	• Eye-piece shutter • 2.5" TFT LCD monitor • 215,250 pixels • Wide viewing angle • Flip-out and up	• 1.8" TFT LCD monitor • 134,000 pixels
Live view on LCD	Yes, two modes	No
Dimensions	140 x 87 x 72 mm (5.5 x 3.4 x 2.8 in)	147 x 85 x 64 mm (5.8 x 3.4 x 2.5 in)
DC-IN	No	Yes
Weight	• No battery: 539 g (1.2 lb) • With battery: 617 g (1.4 lb)	• No battery: 580 g (1.3 lb) • With battery: 624 g (1.4 lb)

Live MOS Sensor technical information

Front   Back

CCD
FFT-CCD

Improve power consumption

High

Live MOS Sensor
(Best Zone)
Image quality of FFT-CCD
+
low power of CMOS

High   Power consumption   Power consumption   Low

Image quality

(Worst Zone)

Improve image quality

CMOS
sensor

Low

Merit of Live MOS Sensor

Comparison: Cell unit structure

Conclusion / Recommendation / Ratings are based on the opinion of the reviewer, you should read the ENTIRE review before coming to your own conclusions.

Images which can be viewed at a larger size have a small

magnifying glass icon in the bottom right corner of the image, clicking on the image will display a larger (typically VGA) image in a new window.

To navigate the review simply use the next / previous page buttons, to jump to a particular section either pick the section from the drop down or select it from the navigation bar at the top.

DPReview calibrate their monitors using Color Vision OptiCal at the (fairly well accepted) PC normal gamma 2.2, this means that on our monitors we can make out the difference between all of the (computer generated) grayscale blocks below. We recommend to make the most of this review you should be able to see the difference (at least) between X,Y and Z and ideally A,B and C.