

## E-P2 Specifications

<b>Type</b>		<b>Sensitivity</b>	
Body material	Metal	Auto	ISO 200 - 6400 (customisable, default ISO 200 - 1600)
Lens mount	Micro Four Thirds	Manual	ISO 100 - 6400
<b>Image Sensor</b>		<b>Shutter</b>	
Type	4/3" Hi-Speed Live MOS sensor	Shutter type	Computerised focal-plane shutter
Effective pixels	12.3 Megapixels	Self timer	12s / 2s
Aspect ratio & area	4:3 / 17.3 x 13.0mm	<b>Shutter Speeds</b>	
Full resolution	13.1 Megapixels	Shutter speed range	1/4000 - 60s
<b>Engine</b>		Bulb mode	1/4000 - 60s Up to 30 minutes (selectable longest time in the menu, default: 8 minutes)
Type	TruePic V	<b>White Balance</b>	
<b>Image Stabiliser</b>		AUTO WB system	Advanced detection system with Live MOS sensor
Type	Sensor shift	Manual White balance (One-Touch)	Yes
Modes	Two-dimensional or one-dimensional activation	White balance bracketing	3 frames / +/- 2, 4, 6 mired steps
Effective Compensation Range	Up to 4 EV steps	One-touch white balance	1 custom settings can be registered
Shutter speed range	2 - 1/4000 s (not available when Bulb is selected)	White balance adjustment	+/- 7 in each A-B / G-M axis (in Auto WB, preset WB mode & one-touch WB)
<b>Live View</b>		Custom WB	1 setting can be registered at Kelvin temperature (2000K - 14000K)
AF type	Contrast detection system	<b>Recording Formats</b>	
Displayed information	100% field of view, exposure adjustment preview, white balance adjustment preview, gradation setting preview (SAT), face detection preview, Perfect Shot Preview, gridline displayable, 7x/10x magnification possible, MF/S-AF, AF frame display, AF point display, Shooting information, Histogram	RAW	12 bit
<b>Level Gauge</b>		RAW & JPEG	Yes parallel recording
Detection	2-axis	JPEG	Yes
Display	Rear LCD monitor	Aspect ratio	4:3 / 3:2 / 16:9 / 6:6
<b>LCD</b>		<b>Sequence Shooting</b>	
LCD type	HyperCrystal LCD	Speed (H)	Approx. 3 fps
Monitor size	7.6cm / 3.0"	RAW Mode	10 frames
Resolution	230,000 dots	JPEG Mode	Depends on compression ratio or number of pixels (Large normal mode: approx. 12 with Toshiba Super High Speed type „Class 6“ 4GB)
Brightness adjustment	+/- 7 levels	<b>Image Processing</b>	
Colour balance	A-B: +/-7 levels, G-M: +/-7 levels	Colour space	sRGB / AdobeRGB
<b>Focusing System</b>		Sharpness + Contrast	5 levels
Method	Contrast Detection AF system (when non high-speed contrast AF compatible lens is used, it works as MF assist)	Saturation	5 levels
Focus areas	11 points / Automatic and manual selection Almost all points / Auto selection with Face Detection ON 225 points / Manual selection in Magnified View Mode	Black & White filter	Yellow, Orange, Red, Green
AF lock	Yes	Image Editing	RAW data edit, Red-eye reduction, Sepia, Black & White, Resize, Correction of saturation, Shadow Adjustment, Trimming, e-portrait
Modes	Continuous AF, AF Tracking	<b>Voice Appendage</b>	
<b>Light Metering</b>		Recording format	Stereo PCM/16bit, 44.1kHz, Wave Format Base
Method	TTL open aperture light metering	Recording length	30s
Zones	324 zones Multi-pattern Sensing System	<b>Movie Recording System</b>	
Detection range	0 - 18 EV (50mm, 1:2, ISO 100)	Recording format	AVI Motion JPEG®
<b>Exposure System</b>		Movie mode	HD 1280 x 720 (16:9) / SD 640 x 480 (4:3)
Exposure compensation	+/- 3 EV (1, 1/2, 1/3 steps )	Frame rate	30fps
Exposure bracketing	3 frames (+/- 1/3, 1/2, 2/3, 1 EV steps )	Max. recording time	14min (SD) 7 min (HD)
ISO bracketing	3 frames (1/3, 2/3, 1 EV steps )	Max. file size	2GB
Modes	Programme automatic, i-Auto, Aperture priority, Shutter priority, Manual, Scene Modes	Compression ratio	1/12
Art Filters	Pop Art, Soft Focus, Pale & Light Colour, Light Tone, Grainy Film, Pin Hole, Diorama, Cross Process	Sound recording	Yes, , format: Stereo PCM/16bit, 44.1kHz, WAV
<b>Multi-Exposure</b>		Sensitivity	ISO 200 - 1600
Max. number of frames	2 frames (shooting) 3 frames (editing)	<b>External Flash Control</b>	
Auto gain control	Yes	X-sync speed	1/180s / 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
		Intensity	+/- 3 EV ( 1/3, 1/2, 1 EV steps ) Note: Some functions are only available if they are supported by the external flash.
		<b>Size</b>	
		Dimensions (W x H x D)	120.5 x 70 x 35mm
		Weight	335g (body only)