

# Specifications SP-810UZ

# OLYMPUS

<b>Image Sensor</b>		<b>Sound Recording System</b>	
Effective pixels	14 Megapixels	Voice playback	Yes
Full resolution	14.5 Megapixels	Sound recording	Yes, , format: AAC
Type	1/2.3" CCD sensor	Image footage	4s
<b>Lens</b>		Speaker	Yes
Optical zoom	36x (WIDE)	<b>Memory</b>	
Focal length	4.3 - 154.8mm	Removable Media	SD / SDHC / SDXC
Focal length (equiv. 35mm)	24 - 864mm	Eye-Fi Card compatible	Yes
Maximum aperture	2.9 - 5.7	Internal memory	14MB
Structure	16 lenses / 14 groups	<b>Image Size</b>	
Aspherical glass elements	4	14M	4288 x 3216
ED glass elements	3	8M	3264 x 2448
<b>Digital Zoom</b>		5M	2560 x 1920
Enlargement factor	4x / 144x	3M	2048 x 1536
<b>Monitor</b>		2M	1600 x 1200
Resolution	230,000 dots	1M	1280 x 960
Monitor size	7.6cm / 3.0"	VGA	640 x 480
Monitor type	TFT	16:9	4288 x 2416
Frame assistance	Yes		1920 x 1080
Brightness adjustment	+/- 2 levels	<b>View Images</b>	
Protection panel	Yes	Modes	Single, Index, Zoom, Slide show, Event, Photo Surfing
<b>Focusing System</b>		Index	4x3 / 6x5 frames
Method	TTL iESP auto focus with contrast detection	Zoom	1.1 - 10x
Modes	iESP, Face Detection AF, Spot, AF Tracking	Auto rotation	Yes
Standard mode	0.3m - ∞ (wide) / 2.9m - ∞ (tele)	Image protect mode	Yes
Makro mode	0.3m - ∞ (wide) / 2.9m - ∞ (tele)	Histogram in playback mode	Yes
Super Macro mode	Closest focusing distance: 5cm	<b>View Movie</b>	
AF illuminator	Yes	Modes	Frame by frame, Fast forward, Reverse playback
<b>Light Metering</b>		<b>Internal Flash</b>	
Modes	ESP light metering, Spot metering	Modes	AUTO, Red-eye reduction, Fill-in, Off
Histogram in shooting mode	Yes	Working range (wide)	0.5 - 6.2 m (ISO 800)
<b>Exposure System</b>		Working range (tele)	2.0 - 3.2 m (ISO 800)
Modes	i-Auto, Programme automatic, Scene Modes, Magic Filter, Panorama, Movie, 3D Photos	<b>Power Supply</b>	
Shutter speed	1/2 - 1/850s / < 4s(Night scene)	Battery	LI-50B Lithium-Ion Battery
Exposure compensation	+/- 2EV / 1/3 steps	Internal Charging	Yes
Enhancement function	Mechanical Image Stabiliser Advanced Face Detection Technology Pet Detection	<b>Interface</b>	
<b>Scene Modes</b>		DC input	Yes
Number of scene modes	16	Combined A/V & USB output	Yes
Modes	Portrait, Beauty, Landscape, Night Scene, Night Scene with portrait, Sports, Indoor, Candle, Self-portrait, Sunset, Fireworks, Cuisine, Documents, Beach and Snow, Pet (cat), Pet (dog)	USB 2.0 High Speed	Yes
<b>Magic Filter</b>		HDMI™	Yes, Micro connector (Type D)* * "HDMI", the HDMI logo and "High-Definition Multimedia Interface" are trademarks or registered trademarks of HDMI Licensing LLC.
Types	Pop Art, Pin Hole, Fisheye, Drawing, Soft Focus, Punk, Sparkle, Water color, Reflection, Miniature	<b>Other Features</b>	
<b>Sensitivity</b>		Self timer	2 / 12 s Pet auto shutter
Auto	AUTO / High AUTO	Perfect Shot Preview	Yes
Manual	ISO 80, 100, 200, 400, 800, 1600, 3200	Menu guide	Yes
<b>White Balance</b>		3D photo shooting mode	Yes
AUTO WB system	Yes	Panorama function	In-Camera Panorama
One-touch white balance	2 custom settings can be registered	Date imprint	Yes
Preset values	Overcast, Sunlight, Tungsten, Fluorescent 1	<b>Size</b>	
<b>Sequence Shooting</b>		Dimensions (W x H x D)	105.9 x 75.9 x 73.5mm
Sequential shooting mode (high speed)	30 fps / 60 frames (in 2MP mode)	Weight	413g (including battery and memory card)
	18.2 fps / 36 frames (in 3MP mode)		
Sequential shooting mode	0.73 fps / 200 frames (Full Image Size)		
<b>Image Processing</b>			
Noise reduction	Yes		
Pixel mapping	Yes		
Engine	TruePic III+		
Shading compensation	Yes		
Distortion compensation	Yes		
Image Editing	Resize, Trimming, Correction of saturation, Beauty Fix		
<b>Movie Recording System</b>			
Recording format	MPEG-4		
Image Stabilisation Mode	No		
HD Movie quality	720P Recording time:		
Movie quality	VGA Recording time:		
	QVGA Recording time:		
	Note: maximum file size 4GB		
Magic Filter	Pop Art, Pin Hole, Drawing, Soft Focus, Punk, Water color, Reflection		