

# SP-800UZ

- 30x wide optical zoom (28-840mm\*)
- 10fps sequence shooting\*\*
- 7.6cm/3.0" LCD in 16:9 format
- 14 Megapixels
- Dual Image Stabilisation
- HD Movie and HDMI Control
- 2GB digital photo album\*\*\*
- In-Camera Panorama



## The strongest zoom ever built for a compact camera.

Scaling new heights in the compact market, Olympus proudly presents the latest from their ultra-zoom camera series. Light and more impressive design, equipped with the smallest and most powerful wide optical zoom than ever the new SP models make other contenders pale in comparison. Whether snapping photos or trying out the new HD movie shooting option, a colossal internal memory of up to 2GB gives you the freedom to capture more. A built-in Dual Image Stabilisation provides rendering clean, sharp images and high-speed shooting let you get extra-close and shoot extra-fast - just what you need to get that once in a lifetime shot. The new [ib] software allows you to effortlessly tag your photos while browsing your albums gets simpler with Photo Surfing. The sheer variety of SP series features lets you take your very best shots, for example AF Tracking follows your subject even when in motion, and i-Auto identifies your shooting environment, automatically adjusting your camera settings.

## Specifications

### Image Sensor

Effective pixels	14 Megapixels
Filter array	Primary colour filter (RGB)
Full resolution	14.7 Megapixels
Type	1/2.33" CCD sensor

### Monitor

Resolution	230000 dots
Monitor size	7.6cm / 3.0" (16:9)
Monitor type	TFT
Frame assistance	Yes
Brightness adjustment	+/- 2 levels

### Lens

Optical zoom	30x (WIDE)
Focal length	4.9 - 147.0mm
Focal length (equiv. 35mm)	28 - 840mm
Maximum aperture	2.8 - 5.6
Structure	15 lenses / 10 groups
Aspherical glass elements	1
ED glass elements	3

### Digital Zoom

Enlargement factor	5x / 150x combined with optical zoom
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## Focusing System

Method	TTL iESP auto focus with contrast detection
AF illuminator	Yes
Modes	iESP Face Detection AF Spot Selective Target AF Tracking
Spot focusing	Yes; 143 AF areas selectable
Standard mode	0.1m - ∞ (wide) / 1.8m - ∞ (tele)
Macro mode	0.1m - ∞ (wide) / 1.8m - ∞ (tele)
Super Macro Mode	Closest focusing distance: 1cm

## Light Metering

Modes	ESP light metering Spot metering Centre weighted metering
Histogram in shooting mode	Yes

## Exposure System

Modes	i-Auto Programme automatic Scene Modes Magic Filter Panorama Beauty Movie
Shutter speed	1/2 - 1/2000s / < 4s (Night scene)
Exposure compensation	+/- 2 EV / 1/3 steps
Exposure bracketing	5 frames / +/- 1/3, 2/3, 1 EV steps
Enhancement function	Mechanical Image Stabiliser Shadow Adjustment Technology Advanced Face Detection Technology

## Scene Modes

Number of scene modes	17
Modes	Portrait Landscape Sports Night Scene Night Scene with portrait Indoor Candle Sunset Fireworks Multi Fireworks Multi-Exposure Cuisine Documents Beach and Snow Bird Watching Soft Background Pet

## Sensitivity

Auto	AUTO / High AUTO
Manual	ISO 50, 100, 200, 400, 800, 1600, 3200*
	* In reduced pixel mode

## White Balance

AUTO WB system	Yes
Preset values	Overcast Sunlight Tungsten Flourescent 1 Flourescent 2 Flourescent 3

## Internal Flash

Working range (wide)	10.2m (ISO 1000)
Working range (tele)	5.1m (ISO 1000)
Modes	AUTO Red-eye reduction Fill-in Off Red-eye reduction & Fill-in Slow synchronisation

## Sequence Shooting

Reduced resolution	15.2fps (in 2MP mode)
	10.2fps (in 3MP mode)
	7.7fps (in 5MP mode)
Full resolution	0.85fps / 24 frames (Full Image Size)
Interval shooting	Yes

## Image Processing

Pixel mapping	Yes
Shading compensation	Yes
Engine	TruePic III
Noise reduction	Yes

## Function Processing

Panorama	Yes
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## View Images

Modes	Single
	Index
	Zoom
	Slide show
	Collection
	Event
	Collage
Index	4x3 / 6x5 frames
Zoom	1.1 - 10x
Auto rotation	Yes
Image protect mode	Yes
Histogram in playback mode	Yes

## Still Image Recording

DCF	Yes
RAW	No
EXIF	2.21
PIM	III
DPS	PictBridge
DPOF	Yes

## Movie Recording System

Recording format	MPEG-4
Image Stabilisation Mode	Digital Image Stabilisation
HD Movie quality	720P Recording time: 29min.
Movie quality	VGA Recording time: Up to card capacity
	QVGA Recording time: Up to card capacity
	Note: maximum file size 4GB

## Sound Recording System

Voice Playback	Yes
Sound recording	Yes; AAC
Image footage	4s
Speaker	Yes

## Memory

Removable Media	SD / SDHC
Internal memory	2GB
For shooting & storage	1.8GB

## Image Size

14M	4288 x 3216
8M	3264 x 2448
5M	2560 x 1920
3M	2048 x 1536
2M	1600 x 1200
1M	1280 x 960
VGA	640 x 480
16:9	4288 x 2416
	1920 x 1080

## Menu

Menu languages in camera	39
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## Other Features

Self timer	Delay: 2 / 12s
Perfect Shot Preview	Yes
Menu guide	Yes
In-camera Manual	Yes
In-Camera Panorama	Yes
Photo Surfing	Yes
LED Illuminator	Yes

## Customisation Options

My Mode	4 settings storable
Programmable button	Yes

## Power Supply

Battery	LI-50B Lithium-Ion Battery
Internal Charging	Yes

## Interface

DC input	Yes (CB-MA3 required)
Combined A/V & USB output	Yes
USB 2.0 High Speed	Yes
HDMI™	Yes; Micro connector (Type D) *

\* "HDMI", the HDMI logo and "High-Definition Multimedia Interface" are trademarks or registered trademarks of HDMI Licensing LLC.

## Size

Dimensions (W x H x D)	107.3 x 73.4 x 84.7mm
Weight	418g (including battery and memory card)

\*Equivalent to a 35mm camera

\*\*In 3 Megapixel mode

\*\*\*Effective storage capacity 1.8GB