

SP-500 UZ

- 10x optical zoom (equiv. 38-380mm)
- Large 6.4cm/2.5" LCD
- Predictive AF (AF is automatically adjusting for objects moving straight to and from the camera)
- 6.0 Megapixels
- Super Macro mode from as close as 3cm (wide)
- Movie recording function (30 fps, VGA) with sound



If you want a high quality camera that offers amazing 10x optical zoom power, you've come to the right place. With its large 6.4cm LCD and 6 million pixels, the SP-500UZ lets ambitious photographers frame and shoot creative images with ease. A predictive auto focus and a movie recording function with sound expand creative options even further

Specifications

Image Sensor

Effective pixels	6 Megapixels
Filter array	Primary colour filter (RGB)
Full resolution	6.37 Megapixels
Type	1/2.5" CCD sensor

Lens

Optical zoom	10x
Aspherical glass elements	2
Filter diameter	45.6mm
Focal length	6.3 - 63.0mm
Focal length (equiv. 35mm)	38 - 380mm
Structure	11 lenses / 7 groups
Maximum aperture	2.8 - 3.7

Digital Zoom

Enlargement factor	5x / 50x combined with optical zoom
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Monitor

Resolution	115000 dots
Monitor size	6.4cm / 2.5"

Viewfinder

Type	Electronical Viewfinder
Pixel number	201600dots

Focusing System

Method	TTL iESP auto focus with contrast detection
Spot focusing	Yes; 143 AF areas selectable
Predictive AF	Yes
Manual focus	Yes
Standard mode	0.6m - ∞ (wide) / 2m - ∞ (tele)
Macro mode	0.07m - ∞ (wide) / 1.2m - ∞ (tele)
Super Macro Mode	Closest focusing distance: 3cm

Light Metering

Histogram in shooting mode	Yes
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Exposure System

My Mode	4 settings storable
Shutter speed	15 - 1/1000s (Bulb mode)
Exposure compensation	+/- 2 EV / 1/3 steps
Exposure bracketing	3 / 5 frames / +/- 1/3, 2/3, 1 EV steps

Scene Modes

Number of scene modes	21
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Sensitivity

Auto	Automatically selected
Manual	ISO 80, 100, 200, 400

White Balance

AUTO WB system	Yes; White Balance iESP II
Manual White balance (One-Touch)	Yes
White balance adjustment	-7 Red +7 Blue

Internal Flash

Guide number	9
Working range (wide)	0.3 - 4.5m
Working range (tele)	1.2 - 3.4m
Flash compensation	+/- 2 EV

Sequence Shooting

Reduced resolution	2.5fps / 3 frames
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Image Processing

Pixel mapping	Yes
Engine	TruePic TURBO
Noise reduction	Yes

Function Processing

Panorama	Yes (only with optional Olympus xD-Picture Card)
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Movie Editing

Edit movie	Yes
Index	Yes

View Images

Histogram in playback mode	Yes
Slide show	Yes
Calendar	Yes
Album	Yes
Demo mode	Yes

Still Image Recording

DPOF	Yes
DPS	PictBridge
EXIF	2.2
DCF	Yes
PIM	III
RAW	Yes

Movie Recording System

Image Stabilisation Mode	Yes
Recording format	QuickTime Motion JPEG®
Movie quality	640 x 480 / 30fps Recording time: Up to card capacity 320 x 240 / 15fps Recording time: Up to card capacity

Sound Recording System

Sound recording	Yes; WAV
Recording format	-

Memory

Internal memory	10MB
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Image Size

SHQ	2816 x 2112; 2 images
	2816 x 1877 (3:2); 2images
HQ	2816 x 2112; 3 images
	2816 x 1877 (3:2); 8images
SQ1	2592 x 1944; 2 / 8 images
	2288 x 1712; 3 / 10images
	2048 x 1536; 4 / 13images
SQ2	1600 x 1200; 11 / 32 images
	1024 x 768; 17 / 50images
	640 x 480; 43 / 103images

Other Features

Menu languages by download	Dutch, Danish, Czech, Norwegian, Portuguese, Swedish
Menu languages in camera	English, German, French, Spanish, Italian, Russian
SDK (Software Development Kit)	enables customer to develop software that controls camera by the PC

Interface

DC input	Yes
Combined A/V & USB output	Yes
Ethernet 10/100	Yes
USB 1.1	Yes
USB 2.0 compatible	Yes
USB 2.0 High Speed	Yes
Video out	Yes
Wireless connectivity	Infrared

Size

Dimensions (W x H x D)	105.5 x 74.5 x 71mm
Weight	285g (without battery and card)