

# 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

Pixel number	201600dots
Type	Electronical Viewfinder

### 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

Noise reduction	Yes
Pixel mapping	Yes
Engine	TruePic TURBO

### 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)