

SP-500 UltraZoom

Ultra-zoom power



Specifications

- 10x optical zoom (equiv. 38-380mm on a 35mm camera), 1:2.8-3.7
- 6.0 million pixels
- Large 6.4cm LCD
- Super macro mode up to 3cm
- Predictive AF (AF is automatically adjusting for objects moving straight to and from the camera)
- Movie recording function (30 fps, QVGA) 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 for SP-500 UltraZoom



Specifications

Model	SP-500 ULTRA ZOOM
Type	Digital camera with 6.4cm/2.5" colour TFT LCD monitor.
Image sensor	
Image sensor	1/2.5" CCD with 6.37 million pixels.
Effective pixel number	6.0 million pixels (the actual number of pixels used in image processing).
Filter array	Primary colour filter (RGB).
Media	
Storage media type	10 MB internal memory for image data. Removable xD-Picture Card (16, 32, 64, 128, 256, 512MB and 1GB).
Lens	
Optical zoom	10x.
Structure	11 lenses in 7 groups, including 2 double-sided aspherical lens elements.
Filter diameter	45.6mm (Use CLA -4 to attach conversion lenses).
Focal length	6.3 – 63mm (equivalent to 38 – 380mm lens in 35mm format).
Maximum aperture	1:2.8 (wide) – 3.7 (tele).

Digital zoom		1x – 5x.
Viewfinder		Electronical Viewfinder with 201,600 pixels.
LCD monitor		6.4cm/2.5" colour TFT LCD monitor with 115,000 pixels.
Focusing		
System		TTL autofocus with contrast detection.
Function		AF illuminato.
Mode	Auto	Spot, iESP autofocus, Predictive AF, AF area is selectable from 143 points.
	Manual	Yes, with enlarged focusing area.
Working range	Standard mode	0,6m (wide) / 2m (tele) -infinity.
	Macro mode	Up to 7 cm (wide) / 120cm (tele).
	Super Macro mode	From as close as 3cm (wide).
Light metering		
Mode		Digital ESP metering, spot metering, centre weighted metering.
Function		Histogram in shooting and playback mode, AE lock.
Exposure		
Exposure control		Programme AE.
		Auto, Programme, Aperture Priority, Shutter Priority, Manual Exposure.
		21 Scene modes (Portrait, Landscape, Landscape and Portrait, Night Scene, Night & Portrait, Sports, Indoor, Candle, Self Portrait, Available Light Portrait, Sunset, Fireworks, Museum, Cuisine, Behind Glass, Documents, Auction, Beach, Snow, Shot & Select 1, Shot & Select 2).
	4 settings storable ("My Mode").	
Shutter speed		15 – 1/1000 sec. (with Bulb mode up to 8 min.)
Compensation		±2 EV in 1/3 EV steps.
Auto bracketing		Up to 5 frames in 1/3 EV steps.
Sensitivity		
	Auto	ISO automatically adjusted.
	Manual	ISO 80 / 100 / 200 / 400.

White balance

Mode	Auto	Full-auto TTL ESP.
	WB adjustment	(red) -7 – (blue) +7.
	Pre-set	Overcast, Sunlight, Evening Sun, Tungsten, Fluorescent1, Fluorescent2, Fluorescent3.
	Full manual	One-touch.

Flash

Pop-up flash	Modes	Auto (automatic activation in low and backlight), red-eye reduction, fill-in (forced activation), fill-in & red-eye reduction, off (no flash).
	Working range	0.3m – 4.5m (wide) or 1.2m- 3.4m (tele).
	Guide number	Approx. 9.
	Function	Flash compensation (± 2 EV). Salve function for studio flash available.

Sequence shooting 2.5 shots per second up to 3 images (High speed mode).

Interval shooting 2-99 frames with interval between the shots from 1 to 60 min.

Processing

Image processing	TruePic TURBO, Pixel mapping, Noise reduction.
	Brightness ± 5 .
Image quality Adjustment	Saturation ± 5 .
	Contrast ± 5 .
Function shooting	Panorama function (only with optional Olympus xD-picture Card).
Movie processing	Digital image stabilizer.

Viewing

Still image	Slide-show with several effects, Calendar, Album, Demo Mode.
Motion picture	Fast forward, Frame by Frame.

Editing

Still image edit	RAW Data Edit, Red -eye fix, Re-size, Rotation, Trimming, Sepia mode, Black & White mode, Frame insert, Title insert, Calendar insert, Layout composition.
Motion picture edit	Index, Edit.

Recording system

Still image	JPEG (DCF: "Design rule for Camera File system"),RAW, Exif 2.2 support, DPS and Print Image Matching III support, DPOF support.
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Motion picture	QuickTime Motion JPEG®* with Sound.
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Movie sound / voice recording	WAVE format.
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Number of storable frames (approx., with internal memory)

2,816 x 2,112	RAW: 1
	SHQ: 2
	HQ: 7
2,816 x 1,877 (3:2)	SHQ: 2
	HQ: 8
2,592 x 1,944	SQ1 high: 2
	normal: 8
2,288 x 1,712	SQ1 high: 3
	normal: 10
2,048 x 1,536	SQ1 high: 4
	normal: 13
1,600 x 1,200	SQ1 high: 7
	normal: 21
1,280 x 960	SQ2 high: 11
	normal: 32
1,024 x 768	SQ2 high: 17
	normal:

	50
	640 x 480
	SQ2 high: 43
	normal: 103
Motion picture mode	Up to the capacity of the xD-Picture Card. With internal memory: QVGA (320 x 240 pixels), at 30 frames/sec.: 15 sec. QVGA (320 x 240 pixels), at 15 frames/sec.: 31 sec.
Power supply	
Rechargeable batteries	4 x AA Ni-MH rechargeable batteries,
One time use batteries	4 x AA alkaline batteries.
AC adapter	Optional AC adapter C-8AC; AC 100V-240V, 50-60Hz; DC 6.5V and 2A.
Interface	DC input terminal, USB Auto Connect interface combined with audio/video output terminal (PAL).
Other features	
DPOF setting	Single-frame print reservation, all print reservation, number of prints, date display.
Direct printing (DPS)	PictBridge and PictBridge EasyPrint support allows direct printing with compatible printers.
Multilingual menu	English / French / German / Spanish / Italian / Russian. Additional languages can be downloaded through OLYMPUS Master software.
Guide function	Displays help text for several functions.
Setting memorisation	Yes.
Date/time/calendar system	Up to year 2099.
Size	
Dimensions	105.5 x 74.5 x 71.0 mm (W x H x D).
Weight	285 g (without batteries and memory card).
Box contents	Strap, USB cable, audio/video cable, 4x AA batteries, OLYMPUS Master 1.31.

Specifications and design are subject to change without notice.

Box Contents for SP-500 UltraZoom



Box Contents

This model comes with the following accessories:

Standard Box

- Camera
- Strap
- Alkaline batteries (4 pcs.)
- USB cable
- Audio/video cable
- Instruction manuals
- Warranty card
- Software CD-ROM (utility software)

Box Contents may vary locally and are subject to change without further notice.