

Specifications.

Model	Olympus E-520
Type	Interchangeable lens digital SLR camera.
Lens mount	Four Thirds mount.
Body	Glass reinforced plastic.
Image Sensor	
Effective pixels	10 Megapixels.
Filter array	Primary colour filter (RGB).
Full resolution	Approx. 11.8 Megapixels.
Type	4/3" Type Live MOS sensor.
Aspect ratio and area	4.3/17.3x13.0mm.
Engine	
Type	TruePic III.
Filter	
LPF filter	Fixed type.
IR out filter	Hybrid type.
Dust protection filter	Supersonic Wave Filter.
LCD	
Resolution	230,000 dots.
LCD type	HyperCrystal II LCD.
Monitor size	6.9cm/2.7".
Brightness adjustment	+/- 7 steps.
Viewfinder	
Viewfinder type	Eye-level single-lens viewfinder.
Field of view	Approx. 95%.
Magnification	Approx. 0.92x.
Depth of field preview	Yes.
Eye point	Approx. 14mm.
Diopter adjustment	-3.0 to +1.0 diopter/built-in type.
Focusing screen	Fixed type (Neo Lumi-Micron Mat Screen).
Mirror	Quick return mirror.
Viewfinder information	AF frame (super imposal), AE lock, AF confirmation mark, metering mode, exposure mode, shutter speed, aperture value, white balance, exposure compensation value indicator, flash, battery check, IS activating mode.
Eye-piece shutter	Eye-piece cap EP-4 supplied.
Image Stabiliser	
System	Built in (imager shift image stabiliser).
Mode	3 modes (2-dimensional activation, 1-dimensional activation in landscape frame moving in a vertical direction, 1-dimensional activation in portrait frame moving in a horizontal direction). Approx. 4 EV in maximum.
Effective compensation range	
Live View	
AF type	High-speed contrast Imager and Phase-differential AF.
Information	100% field of view, preview for exposure adjustment, white balance adjustment, gradation (SAT) and Face Detection; gridline displayable, 7x/10x magnification possible, MF/S-AF, AF frame display, AF point display, shooting information, histogram, IS activating mode.
Focusing System	
Method	TTL phase difference detection system, contrast detection system*.
Focus areas	3 points/automatic and manual selection.
AF illuminator	11 points for Contrast AF measurement.
AF lock	Built-in flash (external flash available/can be switched off). Locked by first position of shutter release button, AE/AF lock button (customised).
Focus tracking	Available in continuous AF** mode.
Manual focus	Available by rotating focus ring, available for setting manual focus operation in AF mode (customised).
Focus modes	Single AF, single AF+MF, continuous AF**, continuous AF**+MF.
Detection range	0-19 EV (ISO 100).
Light Metering	
Method	TTL open aperture light metering.
Zones	49 zones Multi-pattern Sensing System.
Detection range	1-20 EV (50mm, 1:2, ISO 100).
Light metering modes	ESP light metering, Spot metering, Centre-weighted metering, Highlight, Shadow.
Shooting modes	
Exposure modes	Auto, Programme automatic, Aperture priority, Shutter priority, Manual, Scene Modes.
Scene modes	20, e. g. Portrait, Landscape, Landscape + Portrait, Night Scene, Night Scene + Portrait, Children, Sports, High Key, Low Key, Underwater wide and macro.
Exposure System	
Exposure compensation	+/- 5 EV/1/3, 1/2, 1 EV steps.
Exposure bracketing	3 frames +/- 1/3, 2/3, 1 EV steps.
Sensitivity	
Auto/Manual	ISO 100-1600 in 1 EV steps possible).
Shutter	
Shutter type	Electronically controlled focal plane shutter.
Shutter release	Soft Touch Electromagnetic.
Self timer	12's or 2's.
Anti-shock	Yes, release delay 1-30.s.
Shutter Speeds	
Shutter speed range	1/4000-60.s.
AUTO	1/4000-2.s.
P (P), A, S, M mode	1/4000-60.s (up to 30min in Bulb mode).
Shutter speed scene mode	1/4000-4.s.
White Balance	
AUTO WB system	Advanced detection system with Live MOS sensor.
Preset WB	Overcast, Shade, Tungsten, Sunlight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Lamp.
Manual white balance (one-touch)	Yes.
White balance adjustment	Yes +/- 7 in each A-B/G-M axis (in auto WB and preset WB mode).
White balance bracketing	3 frames +/- 2, 4, 6 mixed steps.
Custom WB	1 setting can be registered at Kelvin temperature (2000K-14000K)

Specifications and design are subject to change without notice.
Latest specifications available from www.olympus-europa.com.

* With ZUIKO DIGITAL 25mm, 14-42mm and 40-150mm, for latest compatibility view our webpage.
** Only available with TTL phase-differential measurement.



"Shadow Adjustment" function contains patented technologies from Apical Limited.

Internal Flash	
Guide number	12 (ISO 100).
Flash compensation	+/- 3 EV in 1/3, 1/2 or 1 EV steps.
Modes	AUTO, Red-eye Reduction, Slow Synchronisation, Slow Synchronisation 2nd Curtain, Fill-in, Slow Synchronisation with Red-eye Reduction, Off (no flash), Manual.
Flash bracketing	3 frames: 1/3, 1/2, 2/3, 1 EV.
Integrated Flash and Wireless Flash Control from camera body	
Compatible external flash	FL-50R, FL-36R.
Control method	Triggered and controlled by built-in flash light.
Modes	TTL Auto (TTL pre-flash mode), Auto, Manual, FP TTL Auto, FP Manual.
Group setting	3 groups.
Number of channels	4 channels.
External Flash Control	
X-sync speed	1/180 s/1/4000 s (Super FP Mode).
Type	TTL Auto for Olympus dedicated flash, Auto or Manual.
Synchronisation modes	Auto, Manual, Red-eye Reduction, Slow Syncro with Red-eye Reduction, Slow Syncro, 2nd Curtain and Slow Syncro, Fill-in.
Intensity	+/- 3 EV in 1/3, 1/2 or 1 EV steps.
Sequence Shooting	
Sequential shooting mode	3.5 fps/up to card capacity in Large Normal mode.
	3.5 fps/up to 8 frames RAW.
Image Processing	
Colour space	sRGB/AdobeRGB.
TruePic III	Yes.
Sharpness, saturation, contrast	5 levels.
Black and White filter	Yellow, Orange, Red, Green.
Black and White toning	Sepia, Blue, Purple or Green in Black and White mode.
Picture mode	Vivid, Natural, Muted, Portrait, Black and White.
	(Standard setting: Natural)
Gradation	4 steps (Auto, High Key, Normal, Low Key).
Image editing	RAW data edit, Red-eye reduction, Sepia, Black and White, Resize, Correction of saturation, Trimming.
Erase/Protect/Copy Function	
Erase modes/copy	Single, All, Selected.
Image protect mode	Single, Selected.
Copy mode	Single, All, Selected.
View Images	
Histogram in Playback mode	Yes.
Slide show, Calendar, Rotation	Yes.
Zoom	2-14x.
Index	4, 9, 16, 25, 49, 100 frames.
Shooting information	Exposure mode, metering mode, shutter speed, aperture value, exposure compensation level, ISO, colour space, white balance mode, white balance compensation level, focus area, picture mode, image size, recorded card type, date and time, flash intensity control level, record mode.
Exposure level view	Histogram (RGB available), High light point warning, Shadow point warning.
Still Image Recording	
Recording format	EXIF 2.2, PIM III, DPOF, DCF.
Recording Formats	
RAW	12 bit.
RAW and JPEG	Parallel recording.
JPEG	Yes.
JPEG compression	1/2.7 Super Fine, 1/4 Fine, 1/8 Normal, 1/12 Basic.
Image Size	
3648 x 2736 Large	Super Fine, Fine, Normal, Basic, RAW 11 MB/frame.
3020 x 2400 Middle	Super Fine, Fine, Normal, Basic.
2560 x 1920 Middle	Super Fine, Fine, Normal, Basic.
1600 x 1200 Small	Super Fine, Fine, Normal, Basic.
1280 x 960 Small	Super Fine, Fine, Normal, Basic.
1024 x 768 Small	Super Fine, Fine, Normal, Basic.
640 x 480 Small	Super Fine, Fine, Normal, Basic.
Menu	
Menu languages in camera	English, German, French, Spanish, Italian, Russian, Czech, Dutch, Danish, Polish.
Menu languages for download via the Internet	An additional language from 15 further languages is available via download.
Customisation Options	
FN button	Off, one-touch WB, test picture, preview/Live Preview, Face Detection, AF home position, MF, Record mode, My mode.
Drive button	Drive, AF target selection, AF mode, WB mode, Metering mode, ISO setting.
Custom preset options	2.
Power Requirements	
Battery	BLM-1 Li-Ion battery (included).
Battery life	Approx. 650 shots with BLM-1 according to CIPA test conditions.
Sleep mode	Available (1, 3, 5, 10 min. selectable).
Interface	
Media	Dual slot for CompactFlash card (Type I and II), Microdrive and xD-picture card.
High-speed USB 2.0	Yes.
Combined V & USB output	NTSC or PAL selectable.
Infrared	Yes.
Environment	
Temperature	0-40°C operating temperature. -20-60°C storage temperature. 30-90% operation humidity. 10-90% storage humidity.
Size	
Dimensions (WxHxD)	136 x 91.5 x 68mm (without protrusions).
Weight	475g (body only).
Box Contents	
E-520 body, 14-42mm lens (kit contents), BLM-1 Li-Ion Battery Pack, BCM-2 Li-Ion Battery Charger, USB cable, Video cable, Shoulder strap, OLYMPUS Master CD-ROM, Instruction manual, Warranty card, Eye-piece cap EP-4.	

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E-520

Seek shots
others won't try.



OLYMPUS
Your Vision, Our Future

There's always something new to discover.



Photographers who would brave the wilds of nature for weeks at a time just to get that once-in-a-lifetime photo needs a camera they can rely on. A successful shot depends on more than just imaging technology; it also requires a camera that's extremely reliable yet small enough to carry anywhere. Photographers appreciate the Olympus E-520 for its wide array of features and ability to address the specific challenges they face today. The new E-520 has everything you need for shots in the most extreme conditions. In addition to delivering stunning SLR quality, the E-520 also has a built-in image stabiliser letting you produce tack-sharp shots with any lens,

from wide-angle to telephoto zoom. The advanced features of Live View provide an accurate preview on a bright 6.9 cm HyperCrystal II LCD, giving you the ability to judge autofocus, depth of field, exposure and white balance before you even release the shutter. And the proven dust reduction system (Supersonic Wave Filter) allows you to change lenses in even the most dusty of environments without having to fear ruined photos due to particles on the image sensor. Supporting these advanced features are modern technologies such as Shadow Adjustment and Face Detection Technology, which make taking pictures under difficult

light conditions a snap. The E-520 is the ideal tool for today's ambitious photographers who are constantly pushing the limit. This is a camera that's not made to sit around and collect dust.





E-520

BUILT-IN IMAGE STABILIZATION

AF LIVE VIEW

Dust Reduction System

E-System Bags



E-System Shoulder Bag



E-System Bag



E-System Pro Backpack



E-System Backpack



E-System Bag Compact



E-System Double Zoom Kit Bag

Standard Lenses

28–84mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 14–42 mm 1:3.5–5.6
Standard Zoom Lens

Compatible with
EX-25* Extension Tube only at 25–42mm

35–90mm (equiv. to 35mm)
ZUIKO DIGITAL 17.5–45mm
1:3.5–5.6 Standard Zoom Lens
(only available in special kit)

Compatible with
EX-25* Extension Tube only at 28–45mm

36–360mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 18–180 mm 1:3.5–6.3
Super Zoom Lens (10x)

Compatible with
EX-25* Extension Tube only at 50–180mm

80–300mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 40–150 mm 1:4.0–5.6
Telephoto Zoom Lens

Compatible with
EX-25* Extension Tube

140–600mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 70–300 mm 1:4.0–5.6
Super Telephoto Zoom Lens

Compatible with
EX-25* Extension Tube

50mm (equiv. to 35mm)
ZUIKO DIGITAL
25mm 1:2.8 Pancake
Fix Focal Lens

Compatible with
EX-25* Extension Tube

70mm (equiv. to 35mm)
ZUIKO DIGITAL
35mm 1:3.5
Macro Lens

Compatible with
EX-25* Extension Tube

Adapters

ZUIKO DIGITAL
1.4x Tele Converter
EC-14

ZUIKO DIGITAL
2.0x Tele Converter
EC-20

EX-25
Extension Tube

MF-1
OM-Adapter

Pro Lenses

22–44mm (equiv. to 35mm)
ZUIKO DIGITAL
11–22 mm 1:2.8–3.5
Wide-angle Zoom Lens

Compatible with
EC-14/EC-20** Tele Converter

24–120mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 12–60 mm 1:2.8–4.0 SWD
Standard Zoom Lens

Compatible with
EX-25* Extension Tube only at 60mm

28–108mm (equiv. to 35mm)
ZUIKO DIGITAL
14–54 mm 1:2.8–3.5
Standard Zoom Lens

Compatible with
EX-25* Extension Tube

100–400mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 50–200 mm 1:2.8–3.5 SWD
Telephoto Zoom Lens

Compatible with
EX-25* Extension Tube

16mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 8 mm 1:3.5
Fisheye Lens

Compatible with
EC-14/EC-20* Tele Converter

100mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 50 mm 1:2.0
Macro Lens

Compatible with
EX-25* Extension Tube

Top Pro Lenses

14–28mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 7–14 mm 1:4.0
Super Wide-angle Zoom Lens

Compatible with
EC-14/EC-20* Tele Converter

28–70mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 14–35 mm 1:2.0 SWD
Standard Zoom Lens

Compatible with
EC-14/EC-20 Tele Converter

70–200mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 35–100 mm 1:2.0
Telephoto Zoom Lens

Compatible with
EX-25* Extension Tube only at 60–100mm

180–500mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 90–250 mm 1:2.8
Telephoto Zoom Lens

Compatible with
EX-25* Extension Tube

300mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 150 mm 1:2.0
Fix Focal Lens

Compatible with
EX-25* Extension Tube

600mm (equiv. to 35mm)
ZUIKO DIGITAL
ED 300 mm 1:2.8
Fix Focal Lens

Compatible with
EX-25* Extension Tube

Drop-in Filter Set included

Flash System

FL-CB05
Flash Extension Cable

FL-50R
Wireless Flash

FL-36R
Wireless Flash

FL-20
Flash

SRF-11
Ring Flash Set
(incl. FC-1/RF-11)

FLBA-1
Bounce Adapter
(incl. with FL-50R)

FLRA-1
Reflector Adapter
(incl. with FL-50R)

FLST-1
Flash Stand
(incl. with FL-50R and FL-36R)

FC-1
Macro Flash Controller

RF-11
Ring Flash

FR-1
Flash Adapter Ring for 35/50mm Macro

TF-22
Twin Flash

SHV-1
High Voltage Set
(incl. HV-1/BN-1/AC-2)

STF-22
Twin Flash Set
(incl. FC-1/TF-22)

FP-1***
Flash Power Grip
(incl. FL-CB02)
for FL-50R/
RF-11/TF-22

HV-1
High Voltage Pack

BN-1
Ni-MH
Battery Pack

AC-2
AC-Adapter

Power Supply

LBH-1
Li-Ion Battery Holder
(for 3x CR123A,
for E-520/E-3)

BCM-1
Quick Li-Ion
Battery Charger

BCM-2
Li-Ion Battery
Charger

BLM-1
Li-Ion
Battery Pack
(for E-520/E-3)

Remote Control

RM-1
IR Remote Control

RM-UC1
Remote Cable

Eye Cups

DE-P3
Eye Cup
Dioptric
Adjustment +3

DE-N3
Eye Cup
Dioptric
Adjustment –3

EP-5
Eye Cup
(Standard)

EP-6
Big Eye Cup

EP-7
Eye Cup
(incl. with E-3)

ME-1
Magnifier
Eye Cup 1.2x

VA-1
Varimagni Angle Finder

Underwater System

PPO-E05

PPO-E04

PPO-E03

PPO-E02

PPO-E01

PTBK-E01³

PTSA-03

PER-E02

PER-E01

EC-14

PT-E05

PFL-01

PFL-E01

UFL-2⁴

E-520

FL-20

FL-36R

* Only with MF. ** AF possible by using the central metering section. *** No release via FP-1.

Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer.

2



Go ahead and tremble with excitement.

The E-520 with built-in image stabilisation.

A slight shake can destroy the most beautiful of subjects, regardless of whether you're taking a portrait, enlarging a section of an image or working with an ultra-fast telephoto zoom lens in the twilight hours. For razor-sharp images, you need an image stabilisation system that can compensate for everything from the slight shake of a hand to the vibration of a heavy diesel engine – no matter what lens you're using.

Technology for tomorrow.

A lot of time and effort went into the development of Olympus' image stabilisation system. The breakthrough came in the form of a gyrosensor that registers both the horizontal and vertical movements caused by an unsteady hand or external vibrations. The

sensor transfers this information to an ultrasonic wave drive which compensates for these movements within milliseconds – even to the extent where the image sensor mounted in the image stabiliser remains perfectly still. The result is an unparalleled stabilisation system. And impeccably sharp shots.

Stabilisation with every lens.

Since Olympus' image stabiliser is built into the body of the camera, you can take advantage of this new technology with any lens compatible with the Four Thirds System – from macro and wide-angle lenses to zoom lenses. By specifying the focal length, you can also use lenses from the OM system with the help of an OM adapter.

Freedom to move – horizontally and vertically.

The image stabilisation system of the E-520 has three different settings to choose from. In activating Mode 1, the image stabiliser compensates for both vertical and horizontal movement. Mode 2 disables the horizontal image stabiliser and allows you to pan the camera in a horizontal direction to achieve a blurred background. This is useful if you want to record the motion of quickly moving objects such as a vehicle in your photo. Likewise, Mode 3 disables the vertical image stabiliser so that you can pan in the vertical direction for a blurred background. The image stabiliser can compensate for up to four EV steps. So go ahead and jump for joy: your E-520 will stay steady in your hand.



Without a built-in image stabiliser.



With the built-in image stabiliser, you can get beautifully sharp shots even at long distances.



The E-520 with the ZUIKO DIGITAL ED 70-300mm telephoto lens.

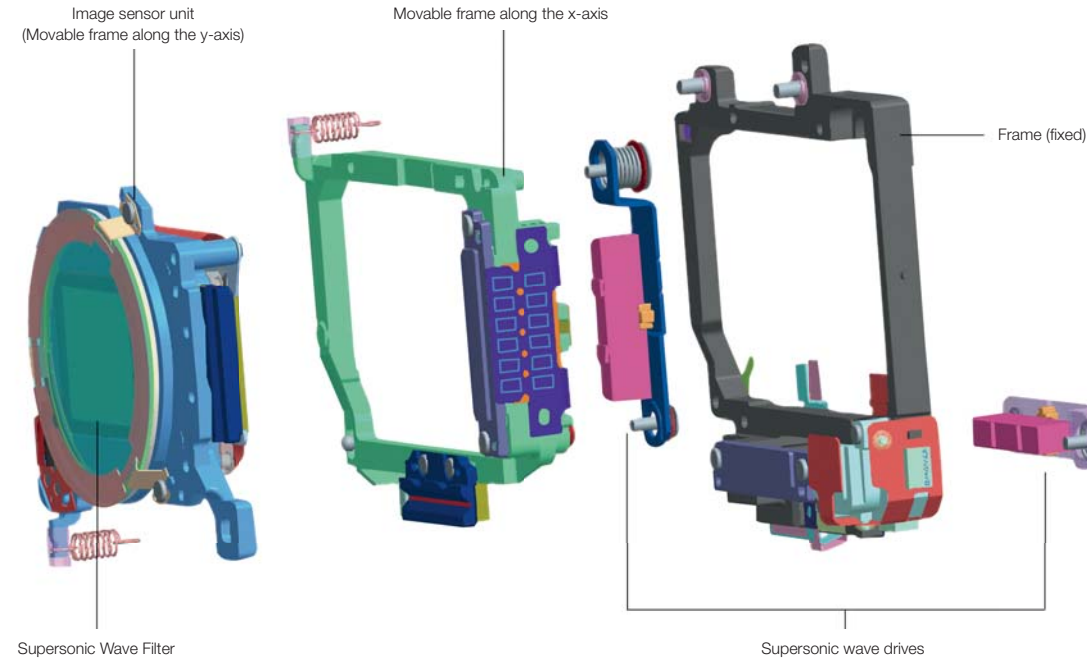


Perfect shots without a tripod.

A tripod isn't always available when you need it. What's more, it can also limit your ability to move, for instance when creeping up on a subject during a photo safari. That's what makes the E-520 with built-in image stabiliser perfect for telephoto zooms such as the ZUIKO DIGITAL ED 70-300mm. The advantages of the E-System are even more pronounced when using long focal lengths

since the 70-300mm lens is equivalent to a 140-600mm lens in the 35mm format. The space-saving ultra-compact lens design

means less weight to carry around, and the built-in image stabiliser replaces the need for a tripod.



Layout of the image stabiliser in the E-520.



Professional photography has never been this easy.

A new photographic freedom.

After your first few shots with the E-520, you'll wonder how you ever managed to take pictures without Live View. The new Live View function provides a perfect preview of your subject at any time. The preview is shown on a high-resolution and super-bright 6.9cm HyperCrystal II LCD with a viewing angle of up to 176° so that you see the entire scene and also have maximum freedom of movement behind the camera.

Your subject in real time.

The advanced Live View features of the E-520 makes taking photos even easier and more professional. It allows you to see whether you've chosen the right angle for your shot and shows you in real time which areas of the image are in focus. With some lenses* you can control the camera's autofocus by

adjusting the contrast measurement of the image sensor, the phase difference detection of the AF sensor or a hybrid of both the contrast measurement and the final phase difference detection. You can also use the HyperCrystal II LCD to adjust the white balance and the exposure at any time. This ensures that the colours in a photograph are always true to life.

Accurate shadows, focus on faces.

Thanks to two technical innovations, the E-520 lets you take perfect pictures even in the most challenging light conditions. The E-520's shadow adjustment feature detects and corrects the areas of the image that are overly dark and then adjusts them to match the brightness of the subject in focus. The E-520 also makes it easier for you to take

portraits. With the help of face detection technology, the camera can identify and properly expose up to eight different faces.

Preview with 7 or 10x zoom.

The Live View function is also a major advantage for challenging macro photography. Before pressing the shutter, you can enlarge specific areas of the image with a 7 or 10x zoom in order to find the best and most detailed composition possible.



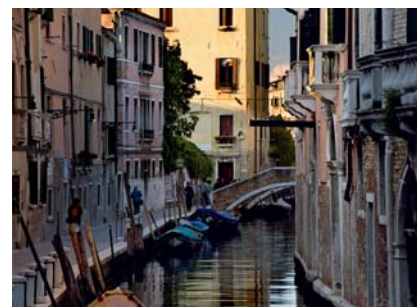
Without Shadow Adjustment Technology.



Without Face Detection.



You can zoom in on the subject with the super-bright HyperCrystal II LCD. From 7x . . .



Shadow Adjustment Technology fixes the dark areas of an image.

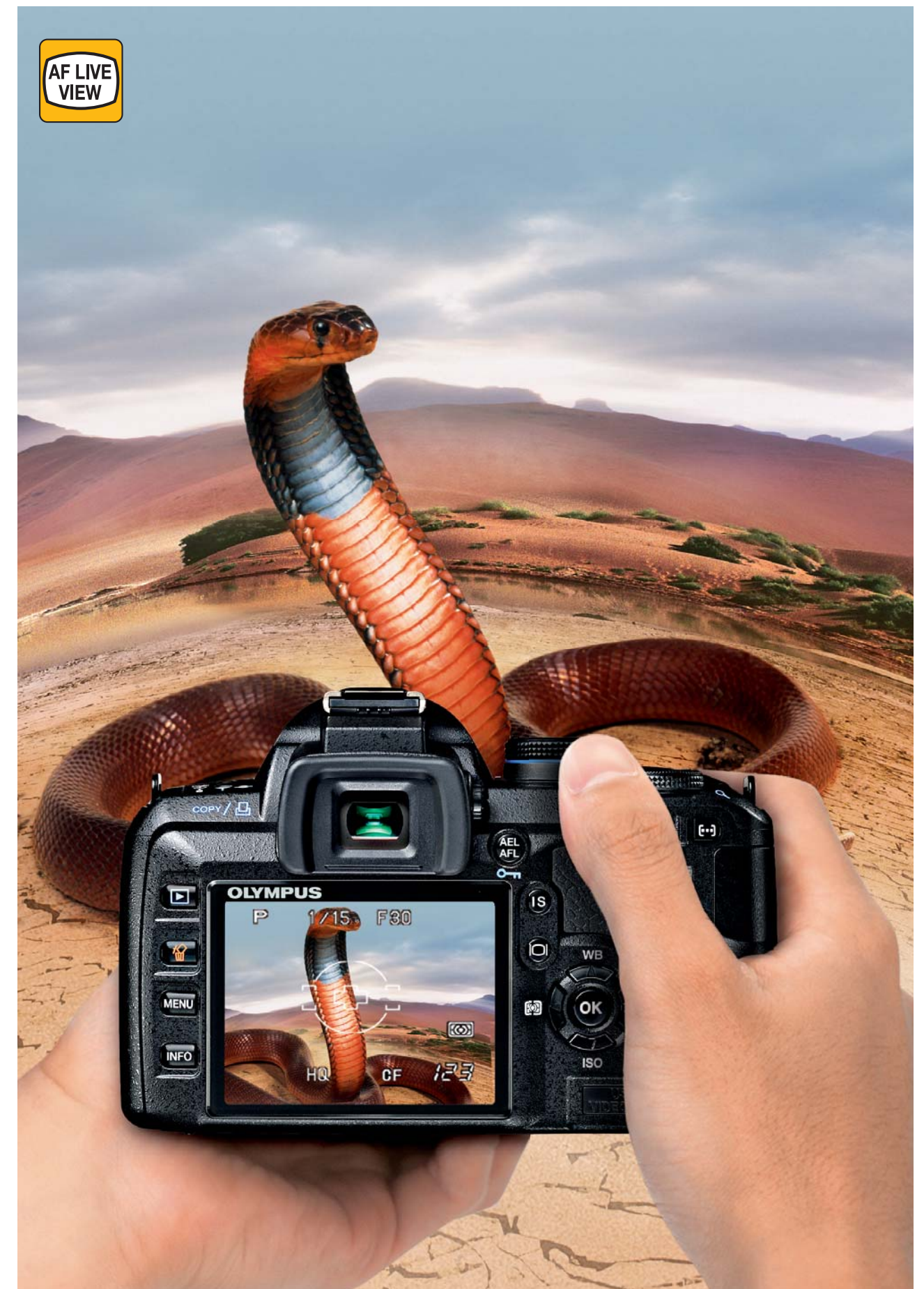


With Face Detection, faces are properly exposed.



. . . to 10x zoom.

* Currently applies to the ZUIKO DIGITAL ED 14-42 mm 1:3.5-5.6, ED 40-150 mm 1:4.0-5.6 and 25 mm 1:2.8 pancake lenses.



AF Live View gives you an accurate preview of your subject. You can view all the settings of the E-520 on the large and high-contrast 6.9cm HyperCrystal II LCD.

Always keep control of the situation.

The E-520 is designed to handle the challenges a professional photographer may have to face. It comes with an array of features that makes taking professional photos far easier than ever before.

Your subject in the right light.

There are an almost infinite number of possible exposures for a subject. But only one of them is correct. With the bracketing function of the E-520, you can capture a subject with up to three different exposure settings and then choose the best one on the HyperCrystal II LCD or on your computer.

The E-520 supports three different bracketing functions: in addition to exposure bracketing, there is also white balance bracketing and flash bracketing.

Not even the slightest shake.

For long exposures, there is nothing more annoying than camera shake. The photos are either blurry or, at worst, completely unusable. The anti-shock function of the E-520 locks the camera mirror before the image is taken to prevent even the smallest camera shake or sensor vibration. Sensor vibration in particular can ruin an image,

even if you are using the best telephoto zoom lens available. The anti-shock function is ideal for macro photography and astro-photography.



The bracketing function allows you to take a picture with different exposure settings.

A camera system with a bright future.

Built to meet the highest technical demands.

Whoever buys a digital SLR camera today is not only interested in whether the camera system includes a sufficient number of lenses. The professional photographer also wants to know whether the camera can satisfy the highest technical demands of the future. With the E-520, Olympus provides a convincing answer to both of these concerns.

A new standard in digital photography.

Like every D-SLR in the E-System family, the E-520 is based on the Four Thirds Standard. This is an open standard supported by several renowned SLR manufacturers. That's why all the cameras and lenses of the Four Thirds System are completely interchange-

able. There are more than 30 Four Thirds lenses to choose from and more will follow, all adhering to the highest professional standards.

More compact cameras for better image quality.

Thanks to the Four Thirds System, the E-520 is 100 % tailored to the needs of digital photography. The near-telecentric optical system guarantees optimal sharpness and brightness over the entire image and perfect camera and lens compatibility. These are advantages you can see and feel: the cameras and lenses ensure impressive image quality and the lenses in particular are extremely lightweight and compact.

Change lenses as often as you want.

A professional photographer works with a variety of lenses. That's why the E-520 is well equipped for changing lenses in dusty environments. The Supersonic Wave Filter protects the sensitive technology inside the camera from particles that can enter while changing lenses: an essential requirement for long-term, maintenance-free camera use.



The E-System line-up at a glance.



Dust particles can land on the image sensor while changing lenses.



The ultrasonic waves of the Supersonic Wave Filter shake off dust and ensure impeccable shots.

Today's technology for tomorrow's photos.

32 shooting modes.

The E-520 lets you take fantastic photos without any in-depth knowledge of photography. The camera comes with five exposure modes, seven creative modes and 20 different scene modes that allow you to achieve the right aperture and exposure in any situation. These modes cover applications ranging from macro shots to candlelit photography.

The new TruePic III image processor.

Taking sharper photos faster: the E-520 features the new TruePic III image processor for fast image processing. Thanks to this processor, even the dark areas of photos taken with long exposure times (e.g. for night-time photography) are reproduced without the slightest hint of noise.

Underwater mode.

With the appropriate housing, the E-520 can even be used for underwater photography. This is why the 20 scene modes include two settings that are specifically designed for taking pictures underwater: an underwater macro programme and an underwater wide-angle programme.

Detailed image information and histograms.

The HyperCrystal II LCD provides an overview of all the settings used to make a particular image. The histogram also tells you the ratio of bright to dark areas in a photo.

Brilliant colours on the LCD.

The E-520's large 6.9 cm HyperCrystal II LCD provides you with a clear overview of the various camera functions as well as a realistic preview of your subject. Even the smallest changes in colour are visible on the LCD. And the direction from which you look at the LCD makes no practical difference: a large 176° viewing angle gives you maximum freedom of movement.

Depth of field preview.

You have full control of image sharpness right from the start. Before you press the shutter button, the E-520 allows you to control depth of field in the optical viewfinder as well as on the HyperCrystal II LCD – without any loss in brightness.

White balance at the push of a button.

Professional photographers know that bright sunlight and a candlelit dinner don't share the same colour temperature. The automatic white balance function of the E-520 is based on a new algorithm which ensures realistic and lifelike colour reproduction in your images. You can easily control the white balance setting with the push of a single button and adjust it to match your current lighting situation instantly. Manual white balance lets you make custom adjustments for special light conditions and is thus ideal for studio photography.

Built-in pop-up flash.

Featuring a Guide Number of 12, the built-in pop-up flash allows you to be ready for any situation. It not only makes sure you have the right lighting, but it can also be used as pre-flash to eliminate the annoying red-eye effect.

Wireless flash control.

Sometimes lighting an object or a scene from the front with the pop-up flash is not the best solution. With the E-520, you can remotely control additional flash units in three groups using the LCD on your camera.

Continuous shooting at 3.5 frames per second.

Now you can shoot even faster. The E-520 allows you to take a series of shots at a rate of 3.5 frames per second. This means you'll never miss that crucial frame when shooting dynamic action sequences.

Professional AEL/AFL control.

Under normal conditions, the AEL and AFL settings are only saved from when the shutter is half-pressed until it is fully pressed. With the AE/AF lock, you can save the autofocus and exposure settings for a longer period.



The E-520 has the right scene mode for any situation. From a night scene ...



There are even two special scene modes for the underwater world.



The LCD gives you an overview of all your settings and the colour values of the image.



... to macro.



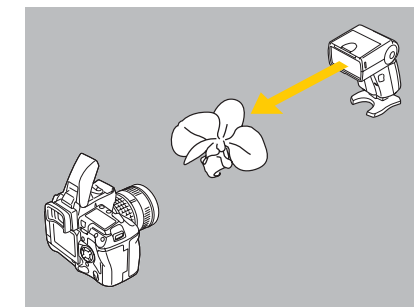
The underwater case for the E-520.



With the HyperCrystal II LCD, you also have constant control over depth of field.



The overview of white balance modes in the HyperCrystal II LCD.



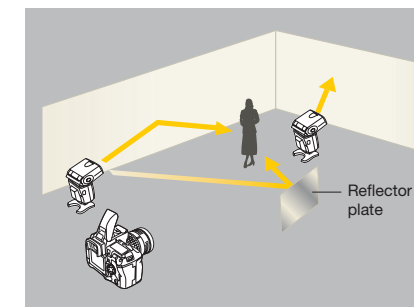
Remote flash lets you easily illuminate an object from an alternative angle.



With the E-520, you can take a series of photos at a rate of 3.5 images per second.



The pop-up flash of the E-520.



Or the entire photo studio.



You can save the AEL/AFL settings for a longer period.

Edit, style and archive your pictures with ease.

Imaging software by Olympus.

Editing your pictures on your computer is also easy, thanks to Olympus' wide array of user-friendly imaging software.

OLYMPUS Master Software.

OLYMPUS Master 2.0 is easy to use and offers a range of appealing functions for editing, storing and printing your images. The integrated Quick Start Guide guarantees outstanding results right from the start – with a minimum of effort:

- Manage your images: you can organise and view your pictures as in a photo album.
- Find images: you can search for individual pictures by shooting date.
- Automatic tone adjustment: Dark areas of the image are corrected automatically.

- Add text: you can write comments directly on an image.
- Control image editing: the effects of correction can be checked by comparing the edited image with the original.
- Panoramas: you can use a single command* to stitch together a series of pictures taken with the panorama mode.
- Colour management for your computer: the software adjusts the colours of your image to your monitor and printer settings.

OLYMPUS Studio Software.

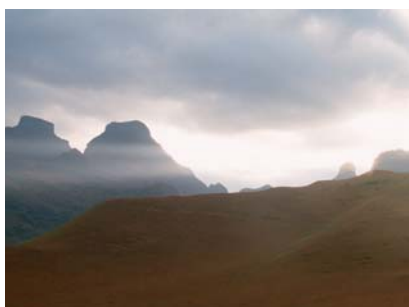
This software is optional and can be purchased separately. A trial version is included with the E-520.

Key features include:

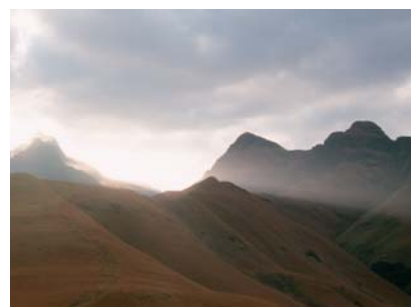
- PC control of the camera: you can connect your camera to your PC and record images directly on your hard drive.
- Better overview of your pictures: the light box feature lets you view and edit your images comfortably on your PC.
- Batch processing: you can group images and automatically adjust characteristics such as tone for multiple images at the same time.
- Natural colour gradation: the software also allows you to adjust tone settings automatically. Tone curves appear natural even in areas shadowed by backlighting or excessive frontlighting.



The navigator gives you a clear overview of all the functions of the OLYMPUS Master Software.



Panorama image 1.



Panorama image 2.



Numerous image editing functions enable you to optimise your photos.



The panorama function of the Olympus xD-Picture Card lets you stitch together multiple images into a single panorama using the OLYMPUS Master Software.

* If photos have been taken with an Olympus xD-Picture Card.