Specs of ZUIKO DIGITAL 25 mm, 14 – 42 mm and 40 –150 mm, for latest compatibility view our webpage.


**Manual focus**
Available by rotating focus ring, available for setting

**Focus tracking**
Available in continuous AF** mode.

**Method**
TTL open aperture light metering.

**Light Metering**
AUTO 1/4000 – 2 s.

Shutter speed range 1/4000 – 60 s.

**Anti-shock**
Yes, release delay 1– 30 s.

**Shutter release**
Soft Touch Electromagnetic.

**Auto/Manual**
ISO 100 –1600 (in 1 EV steps possible).

**Sensitivity**
Exposure compensation  +/– 5 EV/1/3, 1/2, 1 EV steps.

**Scene modes**
20, e.g. Portrait, Landscape, Landscape + Portrait, Night

**Shooting modes**

**Light metering modes**
ESP light metering, Spot metering, Centre-weighted metering,

**White balance bracketing**
3 frames/+/– 2, 4, 6 mired steps.

**AF illuminator**
Built-in flash (external flash available/can be switched off).

**Focusing System**

**Preset WB**
Overcast, Shade, Tungsten, Sunlight, Flourescent 1, AUTO WB system

**White Balance**
Advanced detection system with Live MOS sensor.

**Shutter speed scene mode**
1/4000 – 4 s.

**White balance adjustment**
Yes +/– 7 in each A-B/G-M axis

**Image Stabiliser**

**Viewfinder information**
AF frame (super impose), AE lock, AF confirmation mark,

**Focusing screen**
Fixed type (Neo Lumi-Micron Mat Screen).

**Eye point**
Approx. 14 mm.

**Magnification**
Approx. 0.92 x.

**Viewfinder type**
Eye-level single-lens viewfinder.

**Monitor size**
6.9 cm/2.7”.

**LCD type**
HyperCrystal II LCD.

**Dust protection filter**
Supersonic Wave Filter.

**LPF filter**
Fixed type.

**Engine**
Type 4/3” Type Live MOS sensor.

**Full resolution**
Approx. 11.8 Megapixels.

**Effective pixels**
10 Megapixels.

**Lens mount**
Four Thirds mount.

**Type**
Interchangeable lens digital SLR camera.

**Model**
Olympus E-520

**White balance adjustment**
Yes +/– 7 in each A-B/G-M axis

**Image Processing**
Image Stabiliser

**Zoom**
2 –14 x.

**Slide show, Calendar, Rotation**
Yes.

**Histogram in Playback mode**
Yes.

**Image protect mode**
Single, Selected.

**Erase modes/copy**
Single, All, Selected.

**Index**
4, 9, 16, 25, 49, 100 frames.

**Exposure level view**
Histogram (RGB available), High light point warning,

**AF type**
High-speed contrast Imager and Phase-differential AF.

**AF frame display, AF point display, shooting information,**
gridline displayable, 7 x /10 x magnification possible, MF/S-AF,

**fl ash, battery check, IS activating mode.**

**Synchronisation**

**Recording Formats**

**FN button**
Off, one-touch WB, test picture, preview/Live Preview, Face

**Customisation Options**

**Download via the Internet**
via download.

**Battery life**
Approx. 650 shots with BLM-1 according to CIPA test conditions.

**Power Requirements**

**Media**
Dual slot for CompactFlash card (Type I and II), Microdrive and xD-picture card.

**Interface**
High-speed USB 2.0 Yes.

**Sleep mode**
Available (1, 3, 5, 10 min. selectable).

**Environment**
0 – 40 °C operating temperature.

**Temperature**
10 – 90 % storage humidity.

**Infrared**
Yes.

**others won’t try.**
Seek shots that
Photographers who would brave the wilds of nature to capture the moment find that extreme conditions are not a problem for the E-520. It’s rugged, reliable, and compact enough to carry anywhere. Photographers who are constantly pushing the limit. This is a camera that’s made to hit the road and collect dust.

There’s always something new to discover.
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 lens at the height of the heat. For superior 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. In the image stabiliser, the image stabilisation system can compensate for up to four EV steps. So go ahead and jump for joy; your E-520 will stay steady in your hand.

Freedom to move – horizontally and vertically.

The image stabilisation system of the E-520 has three different settings to choose from: Mode 1 compensates for both horizontal and vertical movement. Mode 2 disables the horizontal image stabiliser and allows you to pan the camera in a horizontal direction to achieve a blurred background. 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 ZUIKO DIGITAL ED 70 – 300 mm telephoto lens.
Perfect shots without a tripod.

A tripod is always available when you need it. What’s more, it can also limit your flexibility to move or reframe when capturing your subject. The built-in image stabiliser of the E-520 allows you to capture images without the need for a tripod, making it perfect for telephoto zooms such as the ZUIKO DIGITAL ED 70-300 mm. The advantages of the E-System are even more pronounced when using long focal lengths.

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.
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 gives you a perfect preview of your subject at any time. The preview is shown on a high-resolution and super-bright 6.9 cm 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 technology behind the E-520 makes taking photos easier and more professional. It allows you to see whether you’ve chosen the right light for your subject and shows you in real time which areas of the image are in focus. With some lenses, you can also 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 your photos 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 10 x zoom.

The E-520’s advanced Live View feature also gives you a major advantage for challenging macro photography. Before pressing the shutter, you can enlarge specific areas of the image with a 7 or 10 x zoom to find the best and most detailed composition position.

* 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.
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.

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 template filters on the market.

The bracketing function allows you to take pictures 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 interchangeable. There are more than 30 Four Thirds lenses to choose from and new ones will follow. All adhering to the highest professional standards.

More compact cameras for better image quality.

Thanks to the Four Thirds Sp fotodes, the E-520 is 90% smaller than the models of digital photography. The near-telecentric optical system guarantees optimal brightness over the entire image and perfect camera and lens compatibility. These are advantages you can see and feel. The cameras and lenses are smaller in comparison to regular camera systems 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 dirty weather conditions. 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, reliable use of your cameras.
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 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.

Brilliant colours on the LCD.
The E-520’s large 6.9 cm 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.

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 helps you fine-tune image storage as a photo.

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.

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.

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. The frame you haven't taken yet is automatically stored in the buffer memory. This means you don't have to wait until the image has been transferred to your computer before you can shoot another photo.

Built-in pop-up flash.
Featuring a Guide Number of 12, the built-in flash is always ready for action. 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.

Professional AEL/AFL control.
Under normal conditions, the AEL and AFL settings are only saved from when the shutter button is half-pressed until it is fully pressed. With the E-520, you can save the AEL/AFL settings for a longer period.

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

The new TruePic III image processor.
Takes shots at 32 different 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 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.

Brilliant colours on the LCD.
The E-520’s large 6.9 cm 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.

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 helps you fine-tune image storage as a photo.

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.

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.

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. The frame you haven’t taken yet is automatically stored in the buffer memory. This means you don’t have to wait until the image has been transferred to your computer before you can shoot another photo.

Built-in pop-up flash.
Featuring a Guide Number of 12, the built-in flash is always ready for action. 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.

Professional AEL/AFL control.
Under normal conditions, the AEL and AFL settings are only saved from when the shutter button is half-pressed until it is fully pressed. With the E-520, 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 powerful 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 quality: you can compare the edited image with the original.
- Colour management: you can use the panorama function to stitch together a series of pictures taken with the panorama mode.

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 transfer 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 image characteristics such as color for multiple images at once.
- 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.

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