

# How to choose a universal digital camera

A beginner's guide to choosing a universal digital camera

Universal digital camera for those who are new to digital cameras, like simple, compact, just point and shoot - Point and shoot,. This machine has many specifications but Don't worry too much about other parameters because you almost never use them.



How to choose a universal digital camera

## **Here are the parameters you should pay attention to when choosing a popular digital camera**

first

### **Designs**

Depending on your preferences, you can choose a small, lightweight type that fits in the palm of your hand, fits in a pocket or a large one that looks like a film camera. However, whichever type you choose, pay attention to the position of the control buttons, which must be conveniently located, easy to press and light.

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### **Resolution - Resolution**

Today's popular digital cameras have quite high resolutions, usually over 10MP (Megapixel). However, to print 10x15cm photos, you only need a camera with a resolution of 2.1 MP. Larger resolution results in larger and

clearer images.

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## **Image sensor - Sensor**

There are two common types of image sensors, CCD and CMOS. In the past, CCD was always chosen because of its high quality, although it was expensive, while CMOS was cheaper, but because photos were often noisy - Noise, it was rarely chosen. However, now with advanced technology CMOS image sensor is making users have a different view of it, as evidenced by many high-end digital cameras using this type of CMOS sensor.

For popular digital cameras, you do not need to worry too much about this because the image quality of this camera is also limited.

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## **Lens - Lens**

This type of camera has a built-in lens. Lens with Optical Zoom - Optical Zoom. Optical zoom allows you to enlarge the image you want to capture - close to the shooting distance without losing the quality of the image. In which, parameters 3x, 4x, . mean that the image can be enlarged 3 or 4 times.

You need to pay attention to the optical zoom, not the ads about "Digital Zoom" - Digital Zoom because Digital Zoom is just using software technology, no different when using processing software. photo manipulation.

In addition, you also need to pay attention to other features of the lens such as:

1. VR - Vibration Reduction - Vibration Reduction
2. IS - Image Stabilization - Image Stabilization
3. SteadyShot - Anti-Blur
4. Mega OIS - Mega Optical Image Stabilizer - Optical Image Stabilizer. These are anti-shake functions that help reduce the blur of photos taken with hand shake or Zoom far without a tripod.

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## **Focus - Focus**

Ordinary digital cameras only have auto focus modes - Auto Focus, AF. You should choose a camera with intelligent focus function - AiAF - Artificial Intelligent AutoFocus, face detection feature - Face detection, multi-point focus feature - Multi-Point Focus, . to be able to respond meet your diverse shooting needs.

Please note that some cameras are equipped with an AF Assist Lamp to help focus clearly in low light conditions. AF mode always has difficulty taking pictures in low light, dark conditions, in which case the lamp will emit light towards the subject being photographed to help the camera focus.

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## **Shutter Mode**

Universal digital cameras have automatic shooting modes - Auto, preset programs - Program and preset shooting styles - Modes such as indoor, outdoor, night, portrait,. these modes help You can easily get satisfactory photos in different shooting conditions.

Some cameras are equipped with iAuto feature, this is a "smart auto-photography" mode with this function you will no longer worry about shooting parameters, the machine will automatically recognize to set the settings. parameters according to environmental conditions, light, distance.

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## Record Mode

In addition to taking photos, digital cameras also allow video recording. Today's digital cameras all allow you to record high quality Full HD movies.

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## Flash light

Digital cameras are equipped with Flash to help you take pictures in low light conditions, shooting at night, indoors, . This flash is only bright enough in the range of 3 to 4 meters.

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## Monitor - LCD Monitor



Monitor - LCD Monitor of universal digital cameras

Digital cameras are equipped with a liquid crystal display to help users easily observe the frame before and after shooting. Today's digital cameras have very large screen sizes and are also equipped with touch-sensitive features.

In addition, you can also easily see the parameter settings, shooting modes, . displayed on the screen.

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## Memory card - Memory card

Digital cameras store images on memory cards, which vary depending on the camera, and some cameras may support multiple types of memory cards. You should keep this in mind when choosing to buy a digital camera.

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## Connection - Connection

Most digital cameras allow connecting to a computer via a USB port to store the captured images on your computer. Some also allow connecting to a TV screen to view photos or movies recorded from a digital camera.

These digital cameras now have WiFi wireless connectivity, so you can easily store photos on your computer or quickly share photos you've just taken on social networks.

twelfth

## Battery - Battery

Digital cameras generally allow you to use one of two types of Batteries:

1. Digital cameras use rechargeable batteries that come with the camera - This type of battery is usually a Li-ion battery with a high capacity, allowing the camera to be used longer. If the battery is damaged, you must replace it with the correct type of battery, although it is quite expensive, it is also worth using because of the benefits it gives you.
2. Digital Cameras Use Ordinary Batteries - This type of battery is usually AA Batteries. Since the battery runs out very quickly, you need to use a good quality battery or you can also use a rechargeable NiMH battery with a capacity of over 2000mAh.

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## Supplied accessories



Accessories included with the digital camera

Full-box digital cameras, in addition to the camera, often come with accessories such as batteries and chargers, if using rechargeable batteries, this is a cable to connect to a computer, a CD/DVD to help install the control program. control and image processing application, user manual. In addition, you also need to pay attention to the accompanying promotional gifts such as memory cards, phone cases, .

In short, this popular camera may have many other functions, but this only increases the cost of the digital camera. Using the automatic functions is more than enough, in fact, people using this type of camera just point and shoot without caring about other things.

If there comes a time when you feel that the functions of this popular digital camera do not meet your needs, that is when you need to see more detailed instructions on how to use digital cameras. or think of a higher end camera than a semi-professional or a professional digital camera

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