

10 best DSLR cameras in 2020

The DSLR camera is an inseparable thing for photographers. With an optimal and solid finish quality, extremely fast autofocus and a long list of functions for every type of photography, DSLRs are still the most popular cameras today.

For professional photographers, from those who take photos at the Olympics to the people who go to the forest to take close-up shots of wild tigers, the DSLR is a separation object. With an optimal and solid finish quality, extremely fast autofocus and a long list of functions for every type of photography, DSLRs are still the most popular cameras today.

In the middle of a forest of mirrorless cameras that are trying to replace the leading position of DSLRs, there are still many reasons you must invest in a mirrorless camera, besides the clear and essential benefits of the viewfinder. . Thanks to decades of camera generation, today's models are relatively affordable and come with premium accessories specifically for DSLRs. Even if you're a beginner, or a veteran photographer, it's hard to ignore the price issues between the numerous options available today. DSLR cameras are truly war horses in the field of photography.

10 types of DSLR cameras

1. Nikon D850
2. Nikon D3500
3. Canon 90D
4. Pentax K1 Mark II
5. Canon 6D Mark II
6. Nikon D780
7. Canon 5D Mark IV
8. Sony A99 II
9. Canon 1D X Mark III
10. Pentax 645Z

1. Nikon D850

Despite its high age, the Nikon D850 (launched in 2014) is still a difficult wall to cross. With a full-frame image sensor of up to 45.7 MP, this is the device that makes all DSLRs look up. It has a frame rate of up to 9 fps and excellently eliminates noise at high ISOs although the best ISO level recommended for use on a device is only 64. The 153-point AF system works extremely fast and is capable of Autofocus in the blink of an eye.

Video timelapse is supported up to 8K, but videographers love 4K video quality on the device much more. The Nikon D850 appeals to photographers in the negative digitizer mode combined with the optional ES-2 Film Digitizer. The device provides the most complete feel when used for photographers.



Nikon D850

Advantages

1. High resolution lens
2. Basic ISO range
3. 8K timelapse recording mode
4. Very good autofocus

Defect

1. Long launch
2. Live view mode works slowly

2. Nikon D3500

For those who are new to photography and want to own a camera capable of professional photography at a price not too high, the Nikon D3500 is a wise choice. The 24 MP image sensor produces high-quality images like high-end DSLRs, in the same price segment but different from conventional PnS (travel camera) cameras. The D3500 does not have the special functions of more expensive cameras, but it is fully capable. Frame rate is 5 fps, ISO range from 100 - 25,600, full HD video recording speed up to 60 fps (unfortunately, 4K recording is not possible). If you're new to the art, or need a cheap pro camera, the Nikon D3500 is for you.



Nikon D3500

Advantages

1. Good price
2. Good image quality
3. Easy to use for beginners

Defect

1. Unable to record 4K quality video
2. No wifi connection

3. Canon 90D

If you want to upgrade your DSLR and still want to use an APS-C sensor lens, the Canon 90D brings the advanced features of a Crop sensor camera. 90D has 32.5 MP image sensor and Digic 8 image processor, possessing unexpected high technology in Canon's price range. Frame rates up to 10 fps and 4K video recording, advanced face and eye detection, super-standard autofocus. Canon 90D is almost the leader in this price segment. The only visible weakness is the inability to take full-frame photos with the lack of professional-level processing capabilities.



Canon 90D

Advantages

1. Equipped with the latest technology
2. High resolution sensor
3. Video recording quality is good

Defect

1. Lack of professional handling ability
2. Small APS-C sensor

4. Pentax K1 Mark II

For those who are adventurous, adventurous, the camera is durable and suitable for a variety of weather is the first choice. The Pentax K1 Mark II is designed like that. This DSLR can withstand sun, rain, storm and snow without any damage.

In addition to its solid design, the K1 Mark II features a 36.5 MP image sensor and can reach higher levels using the image sensor change mode. What's more, this is one of the few cameras with a good in-camera image stabilization system, meaning that when shooting at slow shutter speeds, the lens is still not shaky and images are taken with high quality. Perfect amount.

This is also the image stabilization mode, which means that when the lens is shaking, the device also has the ability to capture extreme angle. Pentax has equipped this technology on many different shooting modes of the machine. One of them is Composition Assist, which allows you to move the sensor to change the image structure without having to change the position of the camera.

For those who love taking pictures of the stars, AstroTracer mode is a great assistant. This mode uses a built-in navigation system, which automatically observes the movements and positions of the stars, like an electronic compass.



Pentax K1 Mark II

Advantages

1. High-resolution full-frame sensor
2. High image stabilization ability
3. Sure and suitable for a variety of weather
4. Many smart functions

Defect

1. Autofocus is slow
2. Lacks a lot of functions in video recording mode
3. Little lens

5. Canon 6D Mark II

Canon 6D Mark II is Canon's cheapest full-frame DSLR. It may lack certain functionality of high-end full-frame cameras, but this is a good choice for those who are beginning to switch to full-frame photography.

Canon 6D Mark II is said to be reasonably priced because it is equipped with new technologies, 26.2 MP image sensor and Digic 7 processor latest generation. However, both in terms of price and well-equipped hardware, 6D Mark II still produces excellent full-frame photos and videos, as long as you use 1080p quality at a frame rate of 6 fps (for videos) and 6.5 fps (for still images).

If you don't have a problem with a small sensor, the cheaper Canon 90D offers lots of modern gadgets. Nevertheless, 6D Mark II offers a more advanced experience with excellent full-frame images.



Canon 6D Mark II

Advantages

1. Good price
2. Full-frame image sensor

Defect

1. Can't record 4K video
2. Technology is a bit outdated

6. Nikon D780

Nikon's latest DSLRs clearly have the influence of mirrorless cameras, which is a good sign, especially in video recording capabilities. It can be said that the Nikon D780 is the perfect DSLR version of the Z6 mirrorless camera, quickly striking with its own capabilities.

The D780 gives you a 26.3 MP image sensor and an Expeed 6 processor, plus the ability to shoot 4k quality video at 30 fps, 1080p quality at 120 fps for slow-motion videos. In addition, the D780 shows impressive low-light performance with an ISO range of 100 to 51,200. Ultra-fast autofocus when taking photos or recording videos. Professional photographers are also pleased with the dual SD memory card ports that allow for convenient storage of photos.



Nikon D780

Advantages

1. Excellent video recording capability
2. Very good autofocus
3. Two memory card ports

Defect

1. Slightly higher prices

7. Canon 5D Mark IV

5D Mark IV is Canon's high-end DSLR camera line and is the favorite product of many professional photographers. Launched in 2016, the age of the device may have been a bit long, but its popularity in the photography industry has not decreased. It is extremely ruggedly designed, 30.4 MP image sensor to bring the image quality peak. The functions and special capabilities of the machine may seem outdated, but compared to professional value, consistency, 5D Mark IV is still the flagship product.

However, if you intend to shoot a lot of videos, you probably shouldn't choose the Canon 5D Mark IV. Yes, it is capable of 4K video recording very well, but unfortunately the machine only uses a part of the image sensor so it can not record full-frame video. Moreover, MJPEG encoding makes storing 4K videos extremely memory intensive. For photographers, the 5D Mark IV is ideal, but for videographers, the better option is still out there.



Canon 5D Mark IV

Advantages

1. Practical and reliable
2. Excellent image quality
3. Good autofocus

Defect

1. Already a bit old and outdated
2. Low 4K video recording capability

8. Sony A99 II

Since the launch of the A99 II, Sony has not produced any other DSLR cameras but the device has remained in the top of the camera range with many unique features. Unlike traditional DSLRs with hard mirrors, the Sony A99II is equipped with a translucent mirror. This device allows the use of a dual autofocus system, using both the 79-point automatic image sensor and the 399-point type for fast and accurate focusing even when shooting continuously at frame rates. Figure 12 fps.

Besides the ability to automatically focus lightning, A99 has a 42.4 MP image sensor that enables ultra-high-resolution photography and in low light conditions. And yet, this DSLR has image stabilization capabilities in the body. Overall, the A99 II sums up everything Sony has on its famous mirrorless camera products.

However, it is still unfortunate that Sony may decide to discontinue this A series and completely focus on mirrorless camera products. This will make it difficult for future improvements to those who love this series.



Sony A99 II

Advantages

1. Excellent dual autofocus system
2. High resolution sensor
3. Fast continuous shooting speed
4. Excellent video recording capability
5. High image stability

Defect

1. The future of the A series is still unknown

9. Canon 1D X Mark III

Canon 1D X Mark III is the new king of DSLRs. This is probably the most powerful and versatile machine ever created, although it is proportional to weight, size and price.

You thought the Canon 1D X Mark III was a machine with a huge image sensor, but in fact it only has a resolution of 20.1 MP, much lower than that of modern DSLR products. 1D X Mark III proves that megapixels are just numbers. It is capable of continuous shooting of up to 20 fps full resolution drive, along with the ultimate focusing system, combining image stability and possessing the processor that is currently the trump card of Canon - Digic X. The 4K video recording speed is 60 fps and can even shoot 5.5K quality RAW videos. With an ISO range of 100 to 102,400 and a military-grade finish, the 1D X Mark III is truly a 'monster' even in the future.



Canon 1D X Mark III

Advantages

1. The most optimal technology
2. Continuous shooting speed of 20 fps
3. Shoot great videos
4. Robust design

Defect

1. Expensive
2. Big and heavy

10. Pentax 645Z

If you don't like the full-frame model, the Pentax 645Z with Medium Format image sensor comes at a more affordable price. Although it has been around for a while, the Pentax 645Z has no problems with image quality, and 51.4 MP is more impressive than many cameras with small sensors. More importantly, the image resolution ratio is much larger, making it easier to capture sharp images with lots of details. The price of the device ranges around \$ 5000, which is quite good compared to the medium format series.

This is a very special camera. Loud, heavy, slow and not good video recording. It is designed for photographers who want to capture expensive, detailed images without having to care too much about other factors.



Pentax 654Z

Advantages

1. Terrific image quality
2. Perfect machine

Defect

1. Video recording capacity is limited
2. Expensive
3. Big and heavy

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