

Shooting 8K videos on the Galaxy S20 won't cost you as much memory as you think

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While many newbies are familiar with 4K quality content and rarely record videos at such a large resolution on mobile phones, Samsung has quickly launched the Galaxy S20 flagship smartphone. The ability to support 8K 24fps video recording is terrible - something very few smartphones currently do.

This can be considered a landmark achievement of the smartphone world because almost all popular DSLR models on the market today do not support the ability to record videos at such high resolution. However, if you plan to regularly shoot 8K videos on the Galaxy S20, you will face a bit of storage-related issues.

According to testing from Samsung itself, 1 minute of 8K video recording on the Galaxy S20 will occupy about 600MB of memory capacity. Try to make a simple comparison, 1 minute of 4K video recording on Galaxy S10 + will consume about 350MB of memory, and in theory, 8K standard has 4 times more pixels than 4K, so it will take up a lot of storage capacity. at least 4 times more storage than 4K. However, the 8K video with 1 minute of recording time by Galaxy S20 only cost 600MB instead of 1,400MB as theoretical, this is thanks to Samsung has switched to using HEVC codec, which saves the space saved. more optimal storage.



In addition, the Korean manufacturer also said that you will only be able to record 8K videos on the Galaxy S20 with a maximum length of 5 minutes, and such a video will occupy about 3GB of memory. The reason is that recording videos at 8K resolution for too long will cause the processor to overload, leading to shock, lag and overheating.

Perhaps not more to discuss the advantages of the 8K standard, but the question is do we really need it in practice?

There are several good reasons given by Samsung, one of which is that you can split any frame from the 8K video, this frame will become a photo with a resolution of up to 33MP - extremely convenient.

However, the problem is that to watch 8K videos at the best quality, the device's screen must also support equivalent resolution. Currently on the market only appear a few models 8K TV with extremely expensive price. In addition, there are no smartphones with 8K screen. And even when an 8K smartphone comes out, our eyes won't be able to distinguish between 4K and 8K in such a small display space.

From this fact, 8K will probably mean more advertising instead of practical applications. But still this is a new technology worth experiencing.

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