

What parameters Response Time on the computer screen, TV mean?

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When you buy a new computer screen, you will see that there is information about Response Time. So what does Response Time mean here? How important is it to computer monitors in general? In the following article of TipsMake.com, let's find out and refer to the meaning of Response Time parameters.



There are many opinions about the meaning of this Response Time parameter, but you can imagine that:

1. **Response Time** - here is the signal response time, which is the fast or slow time period that the pixel display - pixel is from Fully Active to Fully Inactive. The lower the response time is the Ghost phenomenon - the ghost image is blurry, the less is happening, the better the quality and color of the image.

This **Response Time** parameter differs from **Refresh Rate**, the color **refresh rate**, which is the specific time in seconds the screen can "draw" and display the image again. With the Refresh Rate, the higher the number, the better, and **Response Time** is the opposite, the lower the better. And the unit used here is **Milisecond - millisecond**, for example, **Response Time** 5ms means that the screen can be switched from light to dark in about 1/200 of 1 second.

See more:

1. What is the meaning of Refresh Rate parameters on the computer screen?

So, look for any screen that has low Response Time?

Like the Refresh Rate, whether or not Response Time is good depends on a variety of factors, as the example here is dependent on many manufacturers and the different types of monitors you choose. Low or high Response Time parameters.

Specifically, for people playing games - Gamer, they will want the type of screen with the Response Time parameter as low as possible, 1ms is the most essential type. Because in game matches, especially eSport, if the Ghost screen happens, it can affect their game and competition. They want to have the best experience in terms of graphics, game details, images are sharp and honest as possible so low Response Time is natural.

As for large screen models, the Response Time 1ms interval is very difficult to meet this demand, but instead of 5ms, there are many, just enough specifications and not shown. Ghost image.



Theoretically, Response Time is always better, because it minimizes Ghost image phenomenon, but it must depend on the type of Panel that the display company uses, and more precisely it depends on Panel quality a lot. It is best to buy a monitor, you should choose which type has a low Response Time and a high Refresh Rate.

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