

iPhone 16 Pro will have a breakthrough in cameras

iPhone 16 Pro will not only overcome inherent camera weaknesses on the iPhone but also have breakthrough improvements.

There are still a few months until Apple launches the new iPhone, but leaked news about the iPhone 16 series has continuously appeared on social networking sites.



Recently, reliable Korean leak source *yeux1122* said that Apple is said to be testing camera lenses with new coating technology for iPhone 16 Pro models. This coating will improve photo quality, including reducing the glare that has existed on iPhones until now.

Even though the iPhone's camera has been continuously upgraded over the years, Apple has not been able to fix the phenomenon of glare while recording videos under outdoor lighting. This causes the image to appear some strange blurry spots, mixed with light, causing loss of image detail.

If this leaked news is correct, *Atomic Layer Deposition* - ALD technology (roughly translated as atomic layer deposition) can fix that, making photos taken from iPhone 16 Pro more beautiful.

Accordingly, ALD will create an extremely thin film, just a few nanometers, that can cover the lens. It is being tested by automakers as a solution to reduce errors caused by camera lens flare on electric vehicles, which are used for lane control.

This is not the only news about Apple's plan to upgrade the camera for **iPhone 16 Pro**. Previous rumors said that the main camera on iPhone 16 Pro will use a 48MP Sony IMX903 sensor with a stacked design for better performance.

The camera sensor on the iPhone 16 Pro will be 12% larger, with a size of 1/1.14 inch. For comparison, the iPhone 14 Pro and iPhone 15 Pro models currently have sensors measuring 1/1.28 inches. This also coincides with the prediction from analyst Jeff Pu of Haitong International Securities, saying that the iPhone 16 Pro will use a 48MP ultra-wide-angle camera and support Wi-Fi 7.

A larger sensor could improve the dynamic range and background blur of the iPhone's main camera, as well as greatly enhance low-light photography because the larger surface area can capture more light. brighter with the same shutter speed and aperture.

In addition, according to reputable analyst Ming-Chi Kuo, the iPhone 16 Pro will use a 48MP dual sensor that first appeared on the iPhone. Besides, the high-end iPhone model in 2024 also has a 12MP periscope lens.

For standard iPhone 16 models, the wide-angle and ultra-wide lenses will be arranged vertically for spatial video recording.

The iPhone 16 series is expected to launch next September. Notably, the iPhone 16 Pro and iPhone 16 Pro Max versions, in addition to strong camera upgrades, will support Wi-Fi 7 and 5G Advance connectivity, A18 Pro chip, and a cooling system with graphene material. . The iPhone 16 series will likely be supported by artificial intelligence, allowing users to interact with chatbots or create photos with text right on the phone.

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