

This is Android's face detection technology

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Vivo, the Chinese phone maker, which is at the forefront of this year's bezel-free phone technology, has announced a new technology: a 3D depth sensor system with 300,000 sensor points, a much higher number than Face ID. of iPhone X up to 10 times.

Vivo's new technology is located on the front of the phone, next to the front camera, works by sending a beam and calculating 'travel time' (TOF - Time of Flight) that the light source needs to Return to the sensor. Vivo said it is possible to create 3D maps with objects up to 3 meters away.

The term for this type of technology is 'light architecture', which has been studied for many years by companies like Oppo on its products, but has not yet decided whether it is worth investing and is too complicated to bring up. phone no.

Vivo's introduction of the 3D TOF sensor at the Shanghai MWC event this week shows that they will be the first Android company to stand up to compete directly with Apple's Face ID.

'Combining 3D TOF sensor technology with AI, we will continue to explore new opportunities for a better future,' said Alex Feng, senior vice president at Vivo. The whole body then uses that information to send it to AI, giving advice to make you more beautiful. Another application is to try out virtual clothes.



The sensor is said to be "more formidable" than the iPhone's Face ID

Besides the applications of biometric authentication and portrait shooting mode when taking selfie, Vivo's new sensor is also used to identify movements and gestures. Detecting objects up to 3 meters away, this system can support augmented reality applications or furniture scans and many other objects.

At the introduction of the 3D TOF sensor, Vivo said that 'this is not just a concept' but they did not give a specific schedule when the technology was put on real phones.

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