

Development Opportunities and Challenges for Mobile Device 3D Sensors

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Abstracts

In September of 2017, Apple showcased its commemorative iPhone X model with 3D facial recognition during its first autumn conference. This not only set off a 3D sensor technology whirlwind in the marketplace but also contributed to the rise in the supply chains' market values. It is estimated that Apple's three new models will adopt a 3D sensor in 2018, and the concerns over supply shortages will likely to continue. With some considerations, the Android mobile phone camp has held a relatively conservative attitude toward the adoption of 3D sensors. This report provides an in-depth analysis on the development opportunities and challenges of 3D sensors in mobile devices, such as smartphones and tablets.

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4. MIC PERSPECTIVE

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Glossary of Terms

LIST OF COMPANIES

AMS

Apple

ASUS

Chronocam

Google

Himax

Hisilicon

Huawei

Infineon

Lenovo

LG

Lumentum

Mantis Vision

MediaTek

Oppo

Orbbec

PMD

PrimeSense

Qualcomm

Samsung

SLI

Sony

STM

TI
Vivo
Xiaomi

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