REPORT ABSTRACT
Display Fingerprint Technology and Market Report - 2019
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Display fingerprint (FoD) technology combines or integrates fingerprint modules with the display so that it can offer invisible and front-side fingerprint sensing on smartphones with 18:9 (or higher ratio) full-screen displays.

The annual Display Fingerprint Technology and Market Report provides a comprehensive analysis of emerging display fingerprint solutions including technology, development roadmap, supply chain, competition, cost model and market forecast. TFT-based display fingerprint solutions including existing add-on (under-display) and emerging embedded types (in-cell or on-cell FoD with the display) is also focused.

Besides technology and supply chain information, the market forecast has detailed technical parameters in the pivot tables to describe both market and technology trends. The report has more than 140 pages and many illustrations, providing the most complete understanding and tracking on the latest display fingerprint sensing adoption.

Key Issues Addressed
- Optical imaging CIS solution update including pinhole, lens type and large-area solution
- Ultrasonic 2D solution update
- Emerging TFT-based solution update including capacitive and optical imaging
- Embedded FoD solution development including in-cell sensor structure
- Supply chain information including makers and manufacturing process
- BOM-level module cost modeling
- Quantitive market analysis and description with the comprehensive pivot-based forecast.
- Latest FoD-related patent analysis

Applicable To
- Fingerprint IC makers
- Panel makers
- IT/CE brands, OEMs, ODMs
- Module assembly makers
- Related material makers
- Semiconductor wafer and package
- Product marketing/strategic planning managers
- Marketing intelligence managers
- Product marketing managers
- R & D managers
- Procurement managers
- The investment community
Table of Contents

1.0 Executive summary

2.0 Display fingerprint (FoD) market overview
   2.1 Smartphone market trends
   2.2 Display fingerprint ecosystem
   2.3 Display fingerprint market status
   2.4 Display fingerprint technology evolution

3.0 Display fingerprint technical enhancement
   3.1 Optical imaging CIS solution
   3.2 Optical imaging TFT solution
   3.3 Ultrasonic echoing solution
   3.4 Technology adoption and comparison
   3.5 User experience issues

4.0 Future outlook of display fingerprint technology
   4.1 Larger display fingerprint sensing area
   4.2 TFT-based fingerprint sensor trends
   4.3 Display fingerprint on phone and watch
   4.4 Display fingerprint sensor locations
   4.5 Display fingerprint solutions for TFT-LCD and AMOLED

5.0 Display fingerprint Module supply chain
   5.1 Display fingerprint solution makers
   5.2 Panel makers and display fingerprint solutions
   5.3 Display fingerprint supply chain relationship
   5.4 Display fingerprint module ASP and cost model
   5.5 Summary for solutions and supply chain

6.0 Biometric identification market
   6.1 Assumption for long-term forecast
   6.2 Overall market outlook and forecast
   6.3 Market forecast by application
   6.4 Market forecast by biometric type
   6.5 Discrete fingerprint market forecast
   6.6 Display fingerprint market forecast
   6.7 Biometric sensing module ASP forecast

7.0 Summary: Market, evolution and competition
   7.1 Display fingerprint market outlook
   7.2 Technology evolution and competition

8.0 Appendix (Technologies and patents)

9.0 Methodology and Terminology

For more information technology.ihs.com

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Calvin Hsieh is a research director at IHS Markit Technology Group. He has more than a decade of experience crafting strategies and managing product lines at leading display organizations across the globe.

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