

Display Fingerprint Technology & Market Report - 2022

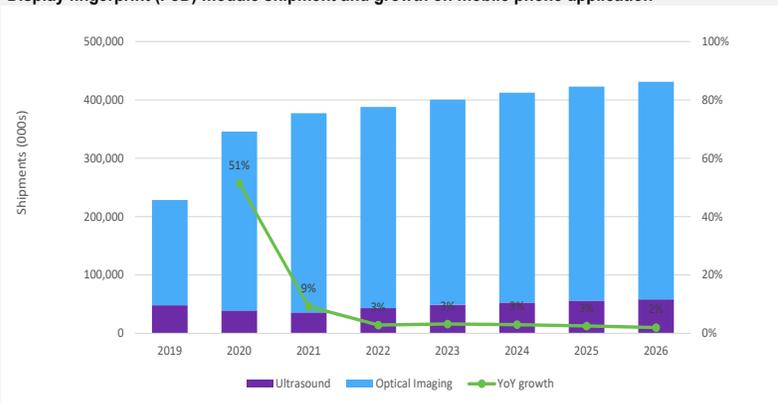
Part of the Small & Medium Displays & Touch Interface Service Area Coverage

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Display fingerprint technology combines or integrates fingerprint modules with the display to offer invisible and front-side fingerprint sensing on full-screen displays to increase add-on value.

Display fingerprint (FoD) module shipment and growth on mobile phone application



The annual Display Fingerprint Technology and Market Report provides a comprehensive analysis of emerging fingerprint (FoD) solutions including technology development, supply chain status, market competition, cost models, historical shipment surveys and market forecasts.

Within the 140-page report, there are many technical illustrations to provide a complete understanding and tracking analysis on the key areas such as CIS-based and ultrasonic solutions, TFT-based display fingerprint solutions including existing add-on (under-display or under-cell) and emerging embedded types (in-cell FoD inside the display).

In addition to the key technology insights, this report provides comprehensive supply chain information and a detailed market forecast including technical parameters in pivot tables to describe both market and technology trends.

Report Coverage

KEY ISSUES ADDRESSED	COVERAGE	COVERAGE	APPLICABLE TO	
<ul style="list-style-type: none"> Optical imaging CIS solution update including lens and microlens types Ultrasonic TFT solution update Optical imaging TFT solution update Embedded FoD solution development Supply chain information including makers and manufacturing process BOM-level module cost modeling Model-level fingerprint adoption Quantitative market analysis and description with the comprehensive pivot-based forecast. 	<p>Frequency, Time Period Annual update</p> <p>Measures FoD shipment, revenue and ASP by:</p> <ul style="list-style-type: none"> Technology (optical imaging, ultrasound, etc.) Sensor structures for technology Sensor circuitry (CIS, TFT) Sensor location Display applied: OLED Sensing area Application: Mobile phone, tablet PC <p>Capacitive fingerprint module shipment estimations</p> <ul style="list-style-type: none"> Application: Mobile phone, tablet PC, notebook PC 	<p>Fingerprint module cost models by:</p> <ul style="list-style-type: none"> BOM with detailed parts (sensor, parts, algorithm, controller, FPCB, etc.) <p>Products Covered</p> <ul style="list-style-type: none"> Mobile phone Tablet PC Notebook PC 	<p>End User Markets</p> <ul style="list-style-type: none"> Consumer Enterprise Industrial Public Safety Healthcare Sports Others <p>Geographies</p> <ul style="list-style-type: none"> North America Europe Asia Pacific Latin America Middle East and Africa 	<ul style="list-style-type: none"> Fingerprint IC makers Panel makers IT/CE brands, OEMs, ODMs Module assembly makers Related material makers Semiconductor wafer and package Product marketing or strategic planning managers Marketing intelligence managers R & D managers Procurement managers The investment community

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