

727M

smartphone sales with iris scanning in 2025

2B

brand new device items in 2017

ABI Research's Handsets & Devices market intelligence explores new hardware and software technologies targeting device consumers and enterprise customers. Our extensive global, regional and country coverage, which includes data, trend, and forecast reports, focuses on the innovations behind the most future-looking ICs, features, and functionalities. We aim to provide technology implementers with authoritative insight on computing, connectivity, and sensor platforms, as well as device-level artificial intelligence and deep learning.

TOP QUESTIONS WE RECEIVE FROM INDUSTRY INNOVATORS

- Who are the major players in the vendor competitive landscape, and what pressures are they facing on their market share?
- What are the smartphone trends and forecasts my company needs to know?
- What new business models are evolving for vendors and mobile carriers to win market share while keeping profit margins healthy?
- In a saturating smartphone market, how do vendors differentiate their products and what opportunities are open to new entrants, such as local brands?
- What adjacent device segments should vendors consider to open new revenue streams?
- How does my company become a smartphone innovator?
- How can new implementers extend their brands into mobile devices?
- What consumer device and network technologies are transforming the industry and why?
- What RF challenges do 4.5G and 5G devices face, and how do these affect OEMs, suppliers and mobile carriers?
- What are the vendor shares and forecasts for mobile IC platforms?
- How accepting is the IC supplier market of new technologies and processors?
- What are the IC market trends toward integration and fragmentation?
- What are the market opportunities for mobile device sensor technologies across various functions, application types and use cases?
- What are the top features to consider when designing smart mobile accessories?
- How are smart accessories set to transform the mobile experience?
- What new technologies will disrupt the mobile accessories market?

COVERAGE AREAS

- Mobile phone and smartphone shipments and forecasts
- Smartphone ASPs and revenues
- Smartphone chipset shipments and market share
- Transformative consumer device technologies
- Tablets shipments and market update
- Innovations in smartphones
- Mobile IC platforms vendor share and forecasts
- Mobile broadband device shipments
- Vendor profiling and market share
- Mobile/smart accessories shipments, revenues and forecasts
- Sensors in mobile devices shipment and revenue forecasts
- Global, regional and country level data

KEYWORDS

- 4G, LTE, LTE-Advanced, LTE-Advanced Pro
- 4K displays
- 5G
- Augmented reality
- Battery/charger accessories and technologies
- Bring your own devices (BYODs)
- Built in payments
- Connected notebook PCs
- Convertible devices
- Dongles
- Dual cameras
- Edge-to-edge displays
- Enhanced components
- Facial Recognition
- Flexible displays
- Gesture control
- Intelligent personal assistants
- Iris Scanning
- Mobile accessories, in-box and aftermarket sales
- Mobile broadband modems (MBBs)
- Mobile components
- Mobile devices
- Mobile IC
- Modems
- OLED screens
- Operating systems and platforms
- RF front end (RFFE) components
- Ruggedized products
- Screen technology
- Semiconductors
- Sensors for mobile devices
- Smart accessories
- Smart biometrics
- Smartphone teardowns
- Smartphones and mobile phones
- Speech recognition
- Tablets and phablets
- Ultrasound technology
- Virtual reality
- Voice Recognition & AI
- Waterproofing and dustproofing
- Wireless charging