



As the mobile handset market further saturates, understanding regional and country dynamics alongside technology requirements and price points will be imperative for constructing a winning portfolio. But smartphones no longer represent the pinnacle in mobile devices—a new wave of wearable technology is hitting the mobile device market. Enabled by the IC vendors, screen technologies, UI innovations and low cost sensors, a huge variety of connected devices are being developed and readied for primetime. Activity, sports and health trackers, smart glasses, smart watches and smart clothing are the next big thing in consumer electronics.

## Services

### Wearables & Smart Accessories

A new wave of wearable technology is hitting the mobile device market. Enabled by the IC vendors, screen technologies, UI innovations and low cost sensors, a huge variety of connected devices are being developed and readied for primetime. Activity, sports and health trackers, smart glasses, smart watches, and smart clothing are the next big thing in consumer electronics.

- Wearables Enabling Technologies
- Wearables Use Cases, Categories and Value Chain
- Wearables and Smart Accessories Unit Shipment Tracking

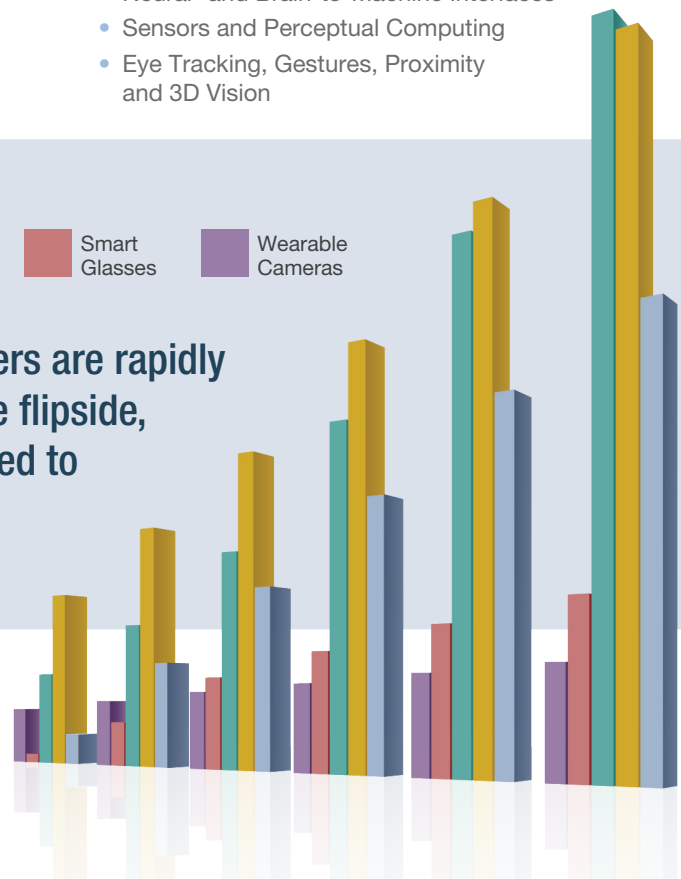
### Human-Machine Interfaces

Human-machine user interfaces (HMI) have evolved from system hardware controls to the graphical user interfaces of PCs, while smartphones and tablets have been dominated by touchscreen inputs. The confluence of user experience across multiple categories will be the center of innovation in the next 10 years. ABI Research’s Human-Machine Interface research service analyses the key enabling technologies for the evolution of user experiences.

- Neural- and Brain-to-Machine Interfaces
- Sensors and Perceptual Computing
- Eye Tracking, Gestures, Proximity and 3D Vision



Healthcare and sports and activity trackers are rapidly becoming mass-market products. On the flipside, wearable devices like smart watches need to overcome some critical obstacles.





## Services

### Smartphones & Handsets

The mobile device market is the largest global consumer electronics market. It represents an opportunity for huge volumes but comes with great and growing challenges. Understanding regional and country market dynamics alongside technology requirements and price points is imperative for constructing a winning business in this market.

- Mobile Handset Unit Shipment & Revenue Tracker by vendor, region & country
- Mobile Handset Features Specification Tracking
- Handset OEM Strategies & Performance

### Mobile Broadband Routers & Modems

Mobile computing remains a dynamic market that is enabled by a number of competing solutions. PCMCIA cards have traditionally taken a large slice of this market but have been supplanted as the dominant solution by USB modems. Recent announcements have seen the growing adoption of embedded modems from tablet OEMs and the introduction of mobile hotspot routers have further increased end-user choices.

- Mobile Broadband Modem by Connectivity, Technology and Frequency Band
- WWAN PCMCIA Card, Embedded Modem and USB Modem Shipment Distribution
- Modemless Mobile and Mobile Hotspot Router Shipment Distribution

### Media Tablets, Ultrabooks & eReaders

While portable computing is focused on productivity, and mobile phones are still primarily about communication, the main focus of media tablets is consumption of entertainment content.

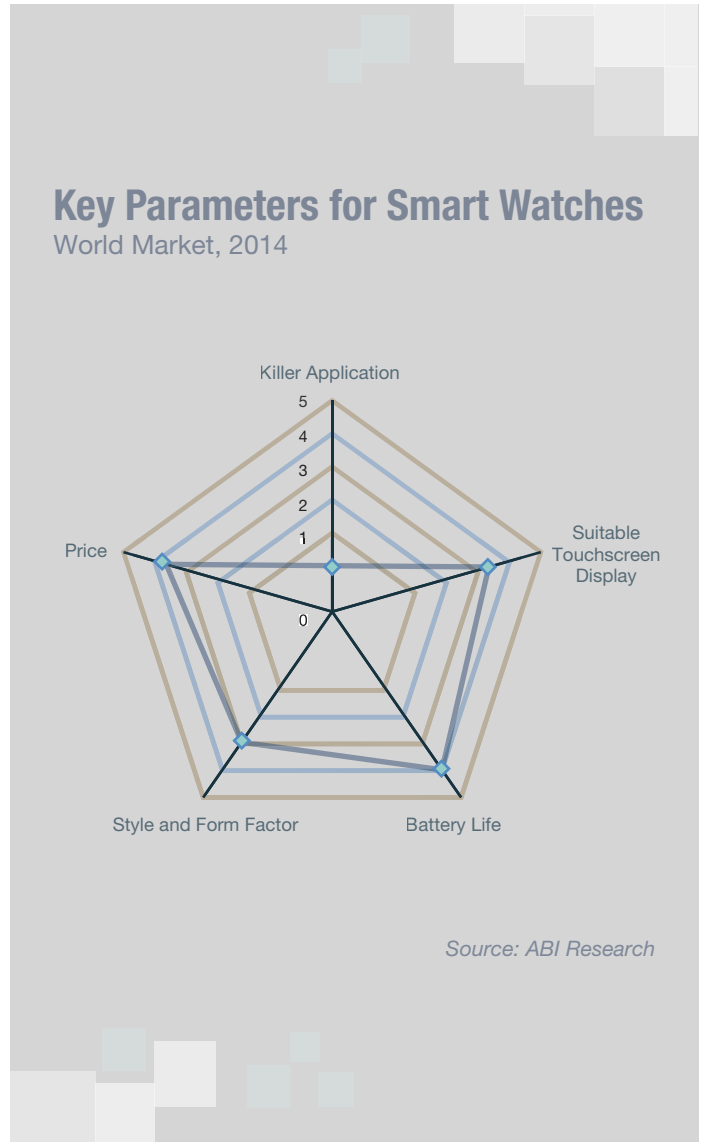
- Media Tablets and eReaders Shipments, Revenues and Market Share
- Netbook, Smartbook, and Ultrabook Tracker
- IC Platform, Connectivity, Display, OS, Sensor, UI, and Data Architecture

### mHealth Wearables, Platforms & Services

This service delivers detailed analysis across both consumer and medical grade devices examining the adoption and potential for wireless connectivity. It also investigates the increasingly valuable platforms and services that will support the adoption of wearable wireless devices and integrate the data they collect to transform healthcare provision around the world.

- Wearable Wireless Device Shipments by Region, Application, and Connectivity
- Sports, Fitness and Wellness & Healthcare Wireless Devices
- Device Types: Blood Pressure, Heart Rate & ECG, Glucose Monitors; Disposable Sensors; Pulse Oximeters; Pedometers; Activity Trackers; Movement Tracking Devices and Personal Emergency Response Systems

**“The success of smart watches will be identifying a unique use case or a killer application”**





## Wearables & Devices

### About Us

We are a technology market intelligence company with a 25 year proven track record that is focused on putting information into the hands of executives in order to enable them to make the right decisions on technology and market investment at the right time. ABI Research quantifies the important markets of today, defines the strategic technologies of tomorrow, and provides insight on how technology is adopted into vertical markets.

### Why ABI Research?

**Proven:** Supporting globally renowned market leading companies as a premier strategic intelligence provider since 1990.

**Objective:** Unbiased status as a privately held enterprise allows us to “call it how we see it”.

**Expert:** Analysts with decades of market experience spanning 11 Sectors and 50+ Research Services empower real world positive contributions to our clients’ business.

**Influential:** Quoted 20,000 times in 2014, helping educate the wider technology community on issues, winners and losers.

**Comprehensive:** Over 3,000 products published per year to help arm clients with emerging trends and adjacent market threats.

**Global:** HQ in Oyster Bay, NY with 9 offices across three continents, providing global perspective with local insight.

### Contact Sales

**North America:**  
+1.516.624.2500

**Europe:**  
+44(0).203.326.0140

**Asia:**  
+65.6592.0290

[www.abiresearch.com](http://www.abiresearch.com)

### Market Data

Deep data, market share analysis & highly segmented, sector-specific forecasts provide detailed insight into where opportunity lies

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Based on extensive primary interviews, research reports present in-depth strategic and timely analysis on key trends and factors affecting markets. These are split into 5 major report types: Application, Business Models, Geographic, Regulatory, and Technology

### Competitive Assessment

Comprehensive analysis of implementation strategies and innovation, coupled with market share analysis. These provide deep insight into a company’s performance and standing in comparison to competitors.

### Analyst Insight

Frequently published, short, topical opinion pieces; focusing on market, company, product or experience.

### Analyst Inquiry

Personalized and dedicated client support coupled with direct, time-sensitive access to key analysts. Value-added engagement with key research staff provides exceptional insight on the things that matter for business.

### Quarterly Analyst Webinars

Customized market trend analysis from our industry-leading analysts offering one-on-one engagement tailored directly to your business.