

Wearable Sensors Market - Forecasts from 2017 to 2022

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Abstracts

Wearable sensors market is expected to grow from US\$0.309 billion in 2017 to US\$1.067 billion in 2022, at a compound annual growth rate of 28.05% over the forecast period. Demand for these types of sensors has been experiencing upswing since the major technological revolution over the last decade, which led to the miniaturization of devices and their connectivity to internet and smartphones. Other key factors which have augmented the demand for these sensors are advancements in sensor technologies, multiple channels of wireless communication and longer battery life of the wearables. These sensors have found major application across healthcare sector and are being implemented actively for different applications like monitoring heart rate, pulse, body temperature, calories burnt among various other parameters. Personalized and remote health monitoring has also impacted the demand for these sensors with new forms of devices being commercialized or, are in research and development phase. Even though, the demand for these sensors is growing exponentially; high power usage, privacy and security concerns are some of the factors restraining the market growth.

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentation which have been covered as part of the report.

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the product specifications and a brief technological aspect of wearable sensors. Complete industry

analysis has also been covered through Porter's five forces model as a part of this report section.

Thirdly, Wearable Sensors market has been segmented on the basis of type, application and end users. Under major product types Image Sensors, Position Sensors, Pressure Sensors, Inertial Sensors, and Motion Sensors among others have been covered, while by application this market has been segmented into Smart Clothing, Bodywear, Headwear, Wristwear, and Others. End users of these sensors are Healthcare Enterprises, Consumers, and Industrial users; detailed comprehensive forecast with analysis has also been covered as part of this section.

Important regions for vendors in terms of market size is covered through detailed geographical segmentation. Geographical regions covered as a part of this section are Americas (North and South America), Europe Middle East and Africa and Asia Pacific.

Finally, competitive intelligence section deals with major players in the market, their growth strategies, products, financials, and recent investments among others. Key industry participants which have been profiled as part of this section are NXP Semiconductors, STMicroelectronics, Texas Instruments, Infineon Technologies and Analog Devices along with several other players.

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