

Global Motion Sensor Market for Wearables 2016 to 2020

Wiseguyreports.com analyst predicts motion sensor market for wearables will show tremendous growth to CAGR of more than 26% over the forecast period.

PUNE, INDIA, April 12, 2016 /EINPresswire.com/ -- Outlook of the global [motion sensor market for wearables](#)

The global motion sensor market for wearables will show tremendous growth over the forecast period and is anticipated to post a steady CAGR of more than 26% during the forecast period. The augmented demand and adoption of wearable lifestyle devices are expected to drive the growth prospects of this market during the forecast period. Consumers are using wearable devices to monitor daily fitness and health activities, listen to music, and play virtual games. Moreover, wearable device manufacturers have made substantial investments in R&D to promote the development of innovative products. Furthermore, many of these wearables can be used to control smart devices such as cell phones, tablets, and smart home appliances. Wearable smart devices require micro-electro-mechanical systems (MEMS) motion sensors to perform the required functions. Therefore, the increasing demand for smart wearables will aid in the growth of this market as smart wearables come integrated with motion sensors.

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Comprehensive market research carried out by the analysts at Technavio has shown that the market for motion sensors for wearables will be positively affected by the demand for combo MEMS sensors. For instance, vendors such as InvenSense and STMicroelectronics have developed dyes that can integrate both accelerometers and gyroscopes. In such sensors, two or more discrete sensors, such as accelerometers, gyroscopes, and magnetometers, are fused together to enhance efficiency. Also, these sensors take up less space so they can be embedded into a single system easily. Also, integrating data from multiple sensors eliminates the deficiency of individual sensors when calculating position and orientation information accurately. Moreover, vendors can produce combo sensors at lower costs than discrete sensors which will spur the growth prospects of this market during the forecast period.

Application-based segmentation and analysis of the motion sensor market for wearables

- Smart watches
- Smart bands

- Smart clothing
- Smart glasses

In this market research report, analysts have estimated the smart watches segment to be the largest market segment during the forecast period and accounted more than 57% of the market share during 2015. The introduction of low-cost smart watches, such as Asus ZenWatch 2, along with the rise in adoption of smart bands will result in this market segment's impressive growth by 2020.

Geographical segmentation and analysis of the motion sensor market for wearables

- Americas
- APAC
- EMEA

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During 2015, the Americas dominated the motion sensors for wearables market and is anticipated to retain its dominating hold over the market during the predicted period. The presence of large vendors like Apple, Fitbit, and Pebble in this region will also aid in the growth of this market in the Americas by the end of the forecast period. The market share for motion sensors for wearables will surpass 61% by the end of 2020.

Competitive landscape and key vendors

The motion sensor market for wearables is still in the nascent stage and is dominated by a few large vendors. This competition will also bring about significant technological changes, as all the big vendors are investing in R&D to differentiate their products.

Top vendors in the market are –

- Bosch Sensortec
- Freescall Semiconductor
- InvenSense
- Kionix
- MEMSIC
- STMicroelectronics

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