

# **Asia Pacific Sensors Market (2016-2022)**

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## **Abstracts**

The photonic sensors offers safety and security addressing major concerns of end users. The traditional security systems needed manual and continuous monitoring; however, photonic sensors allow round the clock self-operated surveillance, pronging end-users a sense of assurance. The conventional sensors are not as robust as photonic sensors. Also, photonic sensors are very effective in sensing and detecting, even in harsh environments with temperature of 200 degree Celsius. The use of conventional sensors in smart structures in the civil sector is not a recommended practices, as these structures undergo a lot of stress and strain by regular use and exposure to environmental factors such as light, heat, water, etc.

The report highlights the adoption of Photonic Sensors market in Asia Pacific region. Based on the Product, the Photonic Sensors Market is segmented into Fiber Optic Sensor, Image Sensor, Biophotonic Sensor and Other segments. According to the product type, the Fiber Optic Sensor Segment is further segmented into Bragg Garting Sensor, Distributed Sensor, Quasi Distributed Sensor and Point Sensor Invasive sub segments; Image Sensors segment is bifurcated into Charge Coupled Devices, Complementary Metal Oxide Semiconductor, Position Sensitive Semiconductor and Photoelectric Sensor sub segments; Biophotonic sensors segment is segmented into Intrinsic BioPhotonics and Extrinsic Bio Photonics sub segments.

Based on the technology, the market is segmented into Fiber Optic Technology, Laser Technology and Bio photonic segments. On the basis of various application the market is also bifurcated into Military, Homeland Security, Industrial Process, Factory Automation, Civil Structure, Transportation, Biomedical, Micro Fluidic, Bioenvironmental, Wind Energy turbines, Oil & gas and Other segments. The countries included in the report are China, Japan, India, South Korea, Singapore, Malaysia and Rest of Asia Pacific.



Key players profiled in the report include Baumer Holding AG, Banner Engineering Corp., True sense Imaging, Inc., Honeywell International, Samsung Electronics Co. Ltd., Toshiba Corporation, Fujifilm Holdings Corporation and General Electric Company.



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