Occupancy Sensor Market by Technology (PIR, Ultrasonic & Dual), Network Connectivity (Wired & Wireless), Coverage Area, Operation (Indoor & Outdoor), Application, Building Type (Residential & Commercial), and Geography - Global Forecast to 2020

Description: The market is presently witnessing growing demand for occupancy sensors in commercial buildings and one of the major reasons behind is expected to be the growing importance towards saving energy and proper consumption of the same. With regards to this, advances in technology such as innovation & development of occupancy sensors, motion sensors, and so on are making it easier to save energy and help the environment.

For instance, ~30% to 50% of electricity in a particular building is utilized for illumination and HVAC (Heating, Ventilation and Air-conditioning) systems. With the help of occupancy sensors, ~40% of energy consumption is reduced.

The report aims at estimating the market size and future growth potential of the occupancy sensor market across different segments such as technology, network connectivity, coverage area, application, operation, building type, and different region. The base year considered for the study is 2014 and the market size forecast is between 2015 and 2020. Factors such as rise in electricity and power prices, growing government support, and increasing demand for energy-efficient devices on a global basis are expected to play a key role in fueling the growth of the market in the next five years.

The research methodology used to estimate and forecast the occupancy sensor market begins with capturing data on key vendor revenues through secondary research. The vendor offerings are also taken into consideration to determine the market segmentation. The bottom-up procedure was employed to arrive at the overall market size of the occupancy sensor market from the revenue of the key players in the market.

After arriving at the overall market size, the total market was split into several segments and sub-segments which are then verified through primary research by conducting extensive interviews with key people such as CEOs, VPs, Directors and executives among others. This data triangulation and market breakdown procedures have been employed to complete the overall market engineering process and arrive at the exact statistics for all segments and sub-segments. The breakdown of profiles of primary is depicted in the below figure:

Most of the companies in occupancy sensor market play major role as service providers and system integrators. Some of these companies are Legrand S.A. (France), Schneider Electric (France), Acuity Brands, Inc. (U.S.), Leviton Manufacturing Co. Inc. (U.S.), Eaton Corporation plc (Ireland), Lutron Electronics Co, Inc. (U.S.), Johnson Controls Inc. (U.S.), Honeywell International, Inc. (U.S.), General Electric Company (U.S.), Koninklijke Philips N.V. (Netherlands), and Hubbell Incorporated (U.S.) among others.

Key Target Audience
- Property and building developers
- Original Equipment Manufacturers (end-user applications/electronic product manufacturers)
- Distributors and retailers
- Network providers & Research organizations
- System integrators & Technology investors
- Lighting companies

Scope of the Report

The research report segments the occupancy sensor market to following submarkets:

By Technology:
- Passive Infrared
- Ultrasonic
- Dual Technology
- Other Technologies (Microwave, IPOS, and IOS)

By Network Connectivity:
- Wired
- Wireless (Wi-Fi, EnOcean, ZigBee, Z-Wave and others)

By Coverage Area:
- Less than 89 Degree
- 90 Degree–179 Degree
- 180 Degree–360 Degree

By Application:
- Lighting Control
- HVAC
- Security Surveillance

By Operation:
- Indoor Operation
- Outdoor Operation

By Building Type:
- Residential Buildings (Independent Homes and Apartments)

By Region:
- North America
- Europe
- Asia-Pacific
- Rest of the World (Middle East, Africa, and South America)

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