

Markets for Sensors in the Internet of Things 2014-2021

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Abstracts

The much-heralded arrival of the Internet-of-Things (IoT) will lead to a remaking of the sensor industry, generating hundreds of new opportunities for Internet-connected sensors. This is the first time we are seeing a mass market emerge for novel sensor types; IoT insiders are now talking about billions of sensors being deployed. Also, the sensors required by the IoT will have special requirements, notably for low cost, low power consumption and secure connectivity. As a result, the IoT is already reshaping the sensor industry, opening up the market to new entrants and creating new challenges for existing sensor makers to ramp up volumes and form new business ecosystems that can help ensure success in new markets.

In 2013, NanoMarkets published the first industry analysis covering the new sensor opportunities brought about by the rise of IoT. In this report, we bring the story up to date, based on the latest IoT deployments and products.

As in the previous report we provide coverage of six types of sensor: light, heat, touch/pressure, motion, acoustic and gas/chemical. The report also focuses on six applications areas that NanoMarkets believes are key to the rapid growth in revenues that are expected in the IoT sensor business. These applications are: home automation, commercial building automation, media and gaming, healthcare, industrial applications, and transportation.

This report contains granular eight-year forecasts of all of these applications with breakouts of the kinds of sensors and hubs used in each and in both volume and value terms. There is also a revenue forecast by geography. The report also discusses the strategies and products of firms that are already hooked into the opportunities that IoT sensors present.

NanoMarkets believes that this report will be essential reading for marketing and business development executives in the sensor, smart materials, data communications and automation sectors, as well as investors seeking profitable new directions in the Internet-of-Things.

Contents

EXECUTIVE SUMMARY

E.1 How the Sensor Industry Will Ramp Up the Volume

E.2 The Three Key Trends in IoT Sensors

##Low power

##Low cost

##Enhanced Connectivity

E.3 Home Automation Opportunities

E.4 Commercial Building Automation

E.5 Media and Gaming

E.6 Automotive

E.7 Healthcare

E.8 The 'Industrial Internet'

E.9 Companies to Watch

E.10 Eight-Year Forecasts of IoT Sensors

CHAPTER ONE: INTRODUCTION

1.1 Overview to Report

1.2 Objective and Scope of this Report

1.3 Methodology of Report

1.4 Plan of this Report

CHAPTER TWO: IOT, TECHNOLOGY AND THE REMAKING OF THE SENSOR INDUSTRY

2.1 Legacy Sensors in the IoT

2.2 Power Reduction Trends in Sensors

##Device Design Tendencies

##Novel Power Sources

2.3 Cost Reduction Trends in Sensors

##Device Design Again

##New Manufacturing and Materials Platforms

2.4 Connectivity Trends

##ZigBee Forever?

##A Role for Wi-Fi and Bluetooth

2.5 Sensor Security

##Sensor Design and Security

##Gateway Security

2.6 Data Lessons for the IoT Sensor Industry from Mobile Data

2.7 Key Points from this Chapter

CHAPTER THREE: EIGHT-YEAR FORECASTS AND MARKET SECTOR ANALYSIS FOR THE IOT SENSORS

3.1 Key Drivers for the IoT Sensors Markets

3.2 Forecasting Methodology

3.3 The Internet-of-Things and Home Automation Sensors

##Current and Future Needs for IoT Sensors in Home Automation

##Smart Grid Sensors in the Home Area Network (HAN)

##Eight-Year Forecasts of IoT Sensor Markets for Home Automation

3.4 The Internet-of-Things and Commercial Building Sensors

##Current and Future Needs for IoT Sensors in Commercial Building Automation

##Eight-Year Forecasts of IoT Sensors for Commercial Buildings

3.5 The Internet-of-Things for Media and Gaming

##Special Factors Impacting the Gaming Business

##Eight-Year Forecasts of IoT Sensors for Media and Gaming

3.6 Internet-of-Things and Healthcare Sensors

##Healthcare Megatrends and IoT Sensors

##Applications and Opportunities for IoT Sensors in Healthcare

##Eight-Year Forecasts of IoT Sensors for Healthcare

3.7 The Internet-of-Things and Sensors for the Industrial Applications

##Oil and Gas and IoT Sensors

##Smart Grid and IoT sensors

##Eight-Year Forecasts of Sensors of IoT Sensors for Industrial Applications

3.8 Internet-of-Things and Sensors for Transportation/Logistics

##Tracking Systems

##Public Transportation and Fleet Management

##Public Parking and IoT Sensors

##Eight-Year Forecasts of IoT Sensors Transportation

3.9 Summaries of Eight-Year Forecast

##Breakout by Application

##Breakout by Type of Sensor

##Eight-Year Forecast by World Region/Country

##Key Points from this Chapter

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