

Global Traffic Sensors Market - Forecasts from 2018 to 2023

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Abstracts

Global Traffic Sensor market is projected to grow at a CAGR of 8.02% over the forecast period of 2017 - 2023. Traffic sensors are the backbones of all effective traffic surveillance and monitoring systems which are prerequisites for the proper implementation of intelligent traffic control systems in order to keep track of prevailing conditions across the traffic network. The growth of this market is majorly attributed to increasing spending by governments across the globe into infrastructure development. Other countries like China and Japan are also spending huge amounts into infrastructure development which is fueling the adoption of advanced technologies by the industry players in order to offer better traffic management and improved security of people. This is increasing the demand for traffic sensors, thus driving their market growth. Growth of this market is being further driven by heavy investments by major market players into Research and Development. As huge amounts continue to be pumped into R&D, the technologies are going through continuous advancement which is improving their efficacy and reliability, thus increasing their adoption among the end-users. However, corruption in many regions has been restraining the market growth significantly. Large budget amount apportioned to infrastructure development is not spent wisely which has been a major reason for limited adoption of these traffic sensors. Negligence of government officials in many regions has been another factor restraining the growth of this market and the impact of this factor can be expected to remain significantly strong over the projected period.

By type, the market has been segmented into inductive loop, magnetometer, infrared, microwave radar, and Video Image Processor (VIP) among others. Video Image Processors hold a significant share in this market owing to continuous improvements in cameras and other technologies constituting this technology. Infrared traffic sensors can also be seen witnessing an impressive growth in this market. The efficacy and reliability of these sensors has been increasing continuously as players continue to funnel

investments into R&D. As move to continuously monitor traffic in low light or at night in order to minimize traffic rule violations and to avoid traffic accidents due to rash driving, governments in many countries have been showing a good adoption of infrared traffic sensors, the improved versions of which can capture high quality images even at night.

Geographically, North America and Europe hold a major share in this market. North America, constituting developed economies like the United States and Canada, has been one of the largest spenders on road transport infrastructure. From 2007 to 2016, investments by the US into road transport infrastructure grew by around 46.19% which is an impressive growth. This region has been an early adopter of new technologies, which is another factor contributing to the market growth in this region. Large market share held by Europe is attributed to state-of-the-art transport infrastructure in this region. Presence of major market players in this region has been a supportive factor for the Europe traffic sensor market. The market in Asia Pacific is anticipated to witness a rapid growth over the projected period. The market growth will be fueled by strengthening of economies and continuous investments by major market players into expansion of their business into this region.

Major industry players profiled as part of the report are TE Connectivity, SWARCO AG, TrafficSensors, Sensys Networks, Inc., Smats Traffic Solutions Inc., AGD Systems, Traffic Sensor Corporation, and CROSS Zlin, a.s. among others.

Segmentation

The global traffic sensor market is segmented by type, application, and geography.

By Type

Inductive Loop

Magnetometer

Infrared

Microwave Radar

Video Image Processor

Others

By Application

Signal Control

Traffic Monitoring

By Geography

North America

US

Canada

Mexico
Others
South America
Brazil
Argentina
Others
Europe
UK
Germany
France
Italy
Others
Middle East and Africa
Saudi Arabia
Israel
UAE
Others
Asia Pacific
China
India
Japan
Australia
Others

Contents

1. INTRODUCTION

2. RESEARCH METHODOLOGY

2.1. Research Process And Design

2.2. Research Assumptions

3. EXECUTIVE SUMMARY

4. MARKET DYNAMICS

4.1. Market Segmentation

4.2. Market Drivers

4.3. Market Restraints

4.4. Market Opportunities

4.5. Porter's Five Force Analysis

4.5.1. Bargaining Power Of Suppliers

4.5.2. Bargaining Power Of Buyers

4.5.3. Threat Of New Entrants

4.5.4. Threat Of Substitutes

4.5.5. Competitive Rivalry In The Industry

4.6. Life Cycle Analysis- Regional Snapshot

4.7. Market Attractiveness

5. GLOBAL TRAFFIC SENSOR MARKET BY TYPE

5.1. Inductive Loop

5.2. Magnetometer

5.3. Infrared

5.4. Microwave Radar

5.5. Video Image Processor

5.6. Others

6. GLOBAL TRAFFIC SENSOR MARKET BY APPLICATION

6.1. Signal Control

6.2. Traffic Monitoring

7. GLOBAL TRAFFIC SENSOR MARKET BY GEOGRAPHY

7.1. North America

7.1.1. U.S.

7.1.2. Canada

7.1.3. Others

7.2. South America

7.2.1. Brazil

7.2.2. Argentina

7.2.3. Others

7.3. Europe

7.3.1. UK

7.3.2. Germany

7.3.3. France

7.3.4. Italy

7.3.5. Others

7.4. Middle East And Africa

7.4.1. Saudi Arabia

7.4.2. UAE

7.4.3. Israel

7.4.4. Others

7.5. Asia Pacific

7.5.1. Japan

7.5.2. China

7.5.3. India

7.5.4. Australia

7.5.5. Others

8. COMPETITIVE INTELLIGENCE

8.1. Investment Analysis

8.2. Recent Deals

8.3. Strategies of Key Players

9. COMPANY PROFILES

9.1. TE Connectivity

9.2. SWARCO AG

- 9.3. TrafficSensors
- 9.4. Sensys Networks, Inc.
- 9.5. Smats Traffic Solutions Inc.
- 9.6. AGD Systems
- 9.7. Traffic Sensor Corporation
- 9.8. CROSS Zlin, a.s.
- 9.9. FLIR® Systems, Inc.
- 9.10. International Road Dynamics Inc.

List of Figures

List of Tables

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