

### Global Anti-collision Sensors Consumption 2016 Market Research Report

https://marketpublishers.com/r/G956447767CEN.html

Date: January 2016

Pages: 170

Price: US\$ 4,000.00 (Single User License)

ID: G956447767CEN

#### **Abstracts**

The Global Anti-collision Sensors Consumption 2016 Market Research Report is a professional and in-depth study on the current state of the Anti-collision Sensors market.

First, the report provides a basic overview of the Anti-collision Sensors industry including definitions, classifications, applications and industry chain structure. And development policies and plans are discussed as well as manufacturing processes and cost structures.

Secondly, the report states the global Anti-collision Sensors market size (volume and value), and the segment markets by regions, types, applications and companies are also discussed.

Third, the Anti-collision Sensors market analysis is provided for major regions including USA, Europe, China and Japan, and other regions can be added. For each region, market size and end users are analyzed as well as segment markets by types, applications and companies.

Then, the report focuses on global major leading industry players with information such as company profiles, product picture and specifications, sales, market share and contact information. What's more, the Anti-collision Sensors industry development trends and marketing channels are analyzed.

Finally, the feasibility of new investment projects is assessed, and overall research conclusions are offered.



In a word, the report provides major statistics on the state of the industry and is a valuable source of guidance and direction for companies and individuals interested in the market.



#### **Contents**

#### 1 INDUSTRY OVERVIEW OF ANTI-COLLISION SENSORS

- 1.1 Definition and Specifications of Anti-collision Sensors
  - 1.1.1 Definition of Anti-collision Sensors
- 1.1.2 Specifications of Anti-collision Sensors
- 1.2 Classification of Anti-collision Sensors
- 1.3 Applications of Anti-collision Sensors
- 1.4 Industry Chain Structure of Anti-collision Sensors
- 1.5 Industry Overview and Major Regions Status of Anti-collision Sensors
  - 1.5.1 Industry Overview of Anti-collision Sensors
  - 1.5.2 Global Major Regions Status of Anti-collision Sensors
- 1.6 Industry Policy Analysis of Anti-collision Sensors
- 1.7 Industry News Analysis of Anti-collision Sensors

### 2 MANUFACTURING COST STRUCTURE ANALYSIS OF ANTI-COLLISION SENSORS

- 2.1 Raw Material Suppliers and Price Analysis of Anti-collision Sensors
- 2.2 Equipment Suppliers and Price Analysis of Anti-collision Sensors
- 2.3 Labor Cost Analysis of Anti-collision Sensors
- 2.4 Other Costs Analysis of Anti-collision Sensors
- 2.5 Manufacturing Cost Structure Analysis of Anti-collision Sensors
- 2.6 Manufacturing Process Analysis of Anti-collision Sensors

### 3 3 GLOBAL MARKET SIZE (VOLUME AND VALUE), SALES AND SALE PRICE ANALYSIS OF ANTI-COLLISION SENSORS

- 3.1 Global Market Size (Volume and Value) and Growth Rate of Anti-collision Sensors 2011-2016
- 3.2 Global Market Size (Volume and Value) of Anti-collision Sensors by Regions 2011-2016
- 3.3 Global Market Size (Volume and Value) of Anti-collision Sensors by Types 2011-2016
- 3.4 Global Market Size (Volume and Value) of Anti-collision Sensors by Applications 2011-2016
- 3.5 Global Sales Volume and Sales Revenue of Anti-collision Sensors by Companies 2011-2016



- 3.6 Global Sale Price of Anti-collision Sensors by Regions 2011-2016
- 3.7 Global Sale Price of Anti-collision Sensors by Types 2011-2016
- 3.8 Global Sale Price of Anti-collision Sensors by Applications 2011-2016
- 3.9 Global Sale Price of Anti-collision Sensors by Companies 2011-2016

### 4 USA MARKET SIZE (VOLUME AND VALUE), SALES, SALE PRICE AND END USERS ANALYSIS OF ANTI-COLLISION SENSORS

- 4.1 USA Market Size (Volume and Value) and Growth Rate of Anti-collision Sensors 2011-2016
- 4.2 USA Market Size (Volume and Value) of Anti-collision Sensors by Types 2011-2016
- 4.3 USA Market Size (Volume and Value) of Anti-collision Sensors by Applications 2011-2016
- 4.4 USA Sales Volume and Sales Revenue of Anti-collision Sensors by Companies 2011-2016
- 4.5 USA Sale Price of Anti-collision Sensors by Types 2011-2016
- 4.6 USA Sale Price of Anti-collision Sensors by Applications 2011-2016
- 4.7 USA Sale Price of Anti-collision Sensors by Companies 2011-2016
- 4.8 USA Regional Supply, Import, Export and Consumption of Anti-collision Sensors 2011-2016
- 4.9 USA End Users with Contact Information and Consumption Volume of Anti-collision Sensors by Applications

### 5 EUROPE MARKET SIZE (VOLUME AND VALUE), SALES, SALE PRICE AND END USERS ANALYSIS OF ANTI-COLLISION SENSORS

- 5.1 Europe Market Size (Volume and Value) and Growth Rate of Anti-collision Sensors 2011-2016
- 5.2 Europe Market Size (Volume and Value) of Anti-collision Sensors by Types 2011-2016
- 5.3 Europe Market Size (Volume and Value) of Anti-collision Sensors by Applications 2011-2016
- 5.4 Europe Sales Volume and Sales Revenue of Anti-collision Sensors by Companies 2011-2016
- 5.5 Europe Sale Price of Anti-collision Sensors by Types 2011-2016
- 5.6 Europe Sale Price of Anti-collision Sensors by Applications 2011-2016
- 5.7 Europe Sale Price of Anti-collision Sensors by Companies 2011-2016
- 5.8 Europe Regional Supply, Import, Export and Consumption of Anti-collision Sensors 2011-2016



5.9 Europe End Users with Contact Information and Consumption Volume of Anticollision Sensors by Applications

### 6 CHINA MARKET SIZE (VOLUME AND VALUE), SALES, SALE PRICE AND END USERS ANALYSIS OF ANTI-COLLISION SENSORS

- 6.1 China Market Size (Volume and Value) and Growth Rate of Anti-collision Sensors 2011-2016
- 6.2 China Market Size (Volume and Value) of Anti-collision Sensors by Types 2011-2016
- 6.3 China Market Size (Volume and Value) of Anti-collision Sensors by Applications 2011-2016
- 6.4 China Sales Volume and Sales Revenue of Anti-collision Sensors by Companies 2011-2016
- 6.5 China Sale Price of Anti-collision Sensors by Types 2011-2016
- 6.6 China Sale Price of Anti-collision Sensors by Applications 2011-2016
- 6.7 China Sale Price of Anti-collision Sensors by Companies 2011-2016
- 6.8 China Regional Supply, Import, Export and Consumption of Anti-collision Sensors 2011-2016
- 6.9 China End Users with Contact Information and Consumption Volume of Anticollision Sensors by Applications

# 7 JAPAN MARKET SIZE (VOLUME AND VALUE), SALES, SALE PRICE AND END USERS ANALYSIS OF ANTI-COLLISION SENSORS

- 7.1 Japan Market Size (Volume and Value) and Growth Rate of Anti-collision Sensors 2011-2016
- 7.2 Japan Market Size (Volume and Value) of Anti-collision Sensors by Types 2011-2016
- 7.3 Japan Market Size (Volume and Value) of Anti-collision Sensors by Applications 2011-2016
- 7.4 Japan Sales Volume and Sales Revenue of Anti-collision Sensors by Companies 2011-2016
- 7.5 Japan Sale Price of Anti-collision Sensors by Types 2011-2016
- 7.6 Japan Sale Price of Anti-collision Sensors by Applications 2011-2016
- 7.7 Japan Sale Price of Anti-collision Sensors by Companies 2011-2016
- 7.8 Japan Regional Supply, Import, Export and Consumption of Anti-collision Sensors 2011-2016
- 7.9 Japan End Users with Contact Information and Consumption Volume of Anti-



#### collision Sensors by Applications

#### 8 MAJOR MANUFACTURERS ANALYSIS OF ANTI-COLLISION SENSORS

2	1 Cc	nti	ner	ntal
Ο.		71 I U I		παι

- 8.1.1 Company Profile
- 8.1.2 Product Picture and Specifications
- 8.1.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
- 8.1.4 Contact Information
- 8.2 Delphi Automotive
  - 8.2.1 Company Profile
  - 8.2.2 Product Picture and Specifications
  - 8.2.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.2.4 Contact Information
- 8.3 Denso
  - 8.3.1 Company Profile
  - 8.3.2 Product Picture and Specifications
  - 8.3.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.3.4 Contact Information
- 8.4 Bosch
  - 8.4.1 Company Profile
  - 8.4.2 Product Picture and Specifications
  - 8.4.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.4.4 Contact Information
- 8.5 TRW Automotive
  - 8.5.1 Company Profile
  - 8.5.2 Product Picture and Specifications
  - 8.5.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.5.4 Contact Information
- 8.6 Analog Devices
  - 8.6.1 Company Profile
  - 8.6.2 Product Picture and Specifications
  - 8.6.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.6.4 Contact Information
- 8.7 Autoliv
  - 8.7.1 Company Profile
  - 8.7.2 Product Picture and Specifications
  - 8.7.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.7.4 Contact Information



- 8.8 Freescale Semiconductor
  - 8.8.1 Company Profile
  - 8.8.2 Product Picture and Specifications
  - 8.8.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.8.4 Contact Information
- 8.9 Hella Kgaa Hueck
  - 8.9.1 Company Profile
  - 8.9.2 Product Picture and Specifications
  - 8.9.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.9.4 Contact Information
- 8.10 Hyundai Mobis
  - 8.10.1 Company Profile
  - 8.10.2 Product Picture and Specifications
  - 8.10.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.10.4 Contact Information
- 8.11 Infineon Technologies
  - 8.11.1 Company Profile
  - 8.11.2 Product Picture and Specifications
  - 8.11.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.11.4 Contact Information
- 8.12 Mobileye
  - 8.12.1 Company Profile
  - 8.12.2 Product Picture and Specifications
  - 8.12.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.12.4 Contact Information
- 8.13 Murata Manufacturing
  - 8.13.1 Company Profile
  - 8.13.2 Product Picture and Specifications
  - 8.13.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.13.4 Contact Information
- 8.14 OmniVision Technologies
  - 8.14.1 Company Profile
  - 8.14.2 Product Picture and Specifications
  - 8.14.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.14.4 Contact Information
- 8.15 Panasonic Corporation
  - 8.15.1 Company Profile
  - 8.15.2 Product Picture and Specifications
  - 8.15.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin



- 8.15.4 Contact Information
- 8.16 Quanergy Systems
  - 8.16.1 Company Profile
  - 8.16.2 Product Picture and Specifications
  - 8.16.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.16.4 Contact Information
- 8.17 Sensata Technologies
  - 8.17.1 Company Profile
  - 8.17.2 Product Picture and Specifications
  - 8.17.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.17.4 Contact Information
- 8.18 Texas Instruments
  - 8.18.1 Company Profile
  - 8.18.2 Product Picture and Specifications
  - 8.18.3 Sales Volume, Sales Revenue, Sale Price and Gross Margin
  - 8.18.4 Contact Information

...

### 9 GLOBAL PRODUCTION ANALYSIS OF ANTI-COLLISION SENSORS BY REGIONS

- 9.1 Global Production of Anti-collision Sensors by Regions 2011-2016
- 9.2 Global Production Market Share of Anti-collision Sensors by Regions 2011-2016

# 10 GLOBAL AND MAJOR REGIONS MARKET SIZE (VOLUME AND VALUE) FORECAST OF ANTI-COLLISION SENSORS

- 10.1 Global and Major Regions Market Size (Volume and Value) and Growth Rate of Anti-collision Sensors 2016-2021
- 10.2 Global Market Size (Volume and Value) of Anti-collision Sensors by Regions 2016-2021
- 10.3 Global and Major Regions Market Size (Volume and Value) of Anti-collision Sensors by Types 2016-2021
- 10.4 Global and Major Regions Market Size (Volume and Value) of Anti-collision Sensors by Applications 2016-2021

### 11 MARKETING TRADER OR DISTRIBUTOR ANALYSIS OF ANTI-COLLISION SENSORS



- 11.1 Marketing Channels Status of Anti-collision Sensors
- 11.2 Traders or Distributors with Contact Information of Anti-collision Sensors by Regions
- 11.3 Regional Import, Export and Trade Analysis of Anti-collision Sensors

### 12 NEW PROJECT INVESTMENT FEASIBILITY ANALYSIS OF ANTI-COLLISION SENSORS

- 12.1 New Project SWOT Analysis of Anti-collision Sensors
- 12.2 New Project Investment Feasibility Analysis of Anti-collision Sensors

### 13 CONCLUSION OF THE GLOBAL ANTI-COLLISION SENSORS CONSUMPTION 2016 MARKET RESEARCH REPORT

**List of Tables and Figures** 

Figure Picture of Anti-collision Sensors

Table Product Specifications of Anti-collision Sensors

Table Classification of Anti-collision Sensors

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Types in 2015

Figure Global Market Size (Value) Share of Anti-collision Sensors by Types in 2015

Table Applications of Anti-collision Sensors

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Applications in 2015

Figure Global Market Size (Value) Share of Anti-collision Sensors by Applications in 2015

Figure Industry Chain Structure of Anti-collision Sensors

Table Global Anti-collision Sensors Major Companies

Table Global Major Regions Anti-collision Sensors Development Status

Table Industry Policy of Anti-collision Sensors

Table Industry News List of Anti-collision Sensors

Table Raw Material Suppliers and Price Analysis

Table Equipment Suppliers and Price Analysis

Table Manufacturing Cost Structure Analysis of Anti-collision Sensors in 2015

Figure Manufacturing Process Analysis of Anti-collision Sensors

Figure Global Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2011-2016

Figure Global Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2011-2016

Table Global Market Size (Volume) (K Units) of Anti-collision Sensors by Regions



2011-2016

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Regions in 2011 Figure Global Market Size (Volume) Share of Anti-collision Sensors by Regions in 2015 Table Global Market Size (Value) (M USD) of Anti-collision Sensors by Regions 2011-2016

Figure Global Market Size (Value) Share of Anti-collision Sensors by Regions in 2011 Figure Global Market Size (Value) Share of Anti-collision Sensors by Regions in 2015 Table Global Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2011-2016

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Types in 2011 Figure Global Market Size (Volume) Share of Anti-collision Sensors by Types in 2015 Table Global Market Size (Value) (M USD) of Anti-collision Sensors by Types 2011-2016

Figure Global Market Size (Value) Share of Anti-collision Sensors by Types in 2011 Figure Global Market Size (Value) Share of Anti-collision Sensors by Types in 2015 Table Global Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2011-2016

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Applications in 2011

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Applications in 2015

Table Global Market Size (Value) (M USD) of Anti-collision Sensors by Applications 2011-2016

Figure Global Market Size (Value) Share of Anti-collision Sensors by Applications in 2011

Figure Global Market Size (Value) Share of Anti-collision Sensors by Applications in 2015

Table Global Sales Volume (K Units) of Anti-collision Sensors by Companies 2011-2016 Table Global Sales Volume Market Share of Anti-collision Sensors by Companies 2011-2016

Figure Global Sales Volume Market Share of Anti-collision Sensors by Companies in 2011

Figure Global Sales Volume Market Share of Anti-collision Sensors by Companies in 2015

Table Global Sales Revenue (M USD) of Anti-collision Sensors by Companies 2011-2016

Table Global Sales Revenue Market Share of Anti-collision Sensors by Companies 2011-2016

Figure Global Sales Revenue Market Share of Anti-collision Sensors by Companies in



#### 2011

Figure Global Sales Revenue Market Share of Anti-collision Sensors by Companies in 2015

Table Global Sale Price (USD/Unit) of Anti-collision Sensors by Regions 2011-2016 Figure Global Sale Price (USD/Unit) of Anti-collision Sensors by Regions in 2015 Table Global Sale Price (USD/Unit) of Anti-collision Sensors by Types 2011-2016 Figure Global Sale Price (USD/Unit) of Anti-collision Sensors by Types in 2015 Table Global Sale Price (USD/Unit) of Anti-collision Sensors by Applications 2011-2016 Figure Global Sale Price (USD/Unit) of Anti-collision Sensors by Applications in 2015 Table Global Sale Price (USD/Unit) of Anti-collision Sensors by Companies 2011-2016 Figure Global Sale Price (USD/Unit) of Anti-collision Sensors by Companies in 2015 Figure USA Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2011-2016

Figure USA Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2011-2016

Table USA Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2011-2016

Figure USA Market Size (Volume) Share of Anti-collision Sensors by Types in 2011 Figure USA Market Size (Volume) Share of Anti-collision Sensors by Types in 2015 Table USA Market Size (Value) (M USD) of Anti-collision Sensors by Types 2011-2016 Figure USA Market Size (Value) Share of Anti-collision Sensors by Types in 2011 Figure USA Market Size (Value) Share of Anti-collision Sensors by Types in 2015 Table USA Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2011-2016

Figure USA Market Size (Volume) Share of Anti-collision Sensors by Applications in 2011

Figure USA Market Size (Volume) Share of Anti-collision Sensors by Applications in 2015

Table USA Market Size (Value) (M USD) of Anti-collision Sensors by Applications 2011-2016

Figure USA Market Size (Value) Share of Anti-collision Sensors by Applications in 2011 Figure USA Market Size (Value) Share of Anti-collision Sensors by Applications in 2015 Table USA Sales Volume (K Units) of Anti-collision Sensors by Companies 2011-2016 Table USA Sales Volume Market Share of Anti-collision Sensors by Companies 2011-2016

Figure USA Sales Volume Market Share of Anti-collision Sensors by Companies in 2011

Figure USA Sales Volume Market Share of Anti-collision Sensors by Companies in 2015



Table USA Sales Revenue (M USD) of Anti-collision Sensors by Companies 2011-2016 Table USA Sales Revenue Market Share of Anti-collision Sensors by Companies 2011-2016

Figure USA Sales Revenue Market Share of Anti-collision Sensors by Companies in 2011

Figure USA Sales Revenue Market Share of Anti-collision Sensors by Companies in 2015

Table USA Sale Price (USD/Unit) of Anti-collision Sensors by Types 2011-2016
Figure USA Sale Price (USD/Unit) of Anti-collision Sensors by Types in 2015
Table USA Sale Price (USD/Unit) of Anti-collision Sensors by Applications 2011-2016
Figure USA Sale Price (USD/Unit) of Anti-collision Sensors by Applications in 2015
Table USA Sale Price (USD/Unit) of Anti-collision Sensors by Companies 2011-2016
Figure USA Sale Price (USD/Unit) of Anti-collision Sensors by Companies in 2015
Table USA Regional Supply, Import, Export and Consumption of Anti-collision Sensors 2011-2016 (K Units)

Table USA End Users with Contact Information and Consumption Volume of Anticollision Sensors by Applications

Figure Europe Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2011-2016

Figure Europe Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2011-2016

Table Europe Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2011-2016

Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Types in 2011 Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Types in 2015 Table Europe Market Size (Value) (M USD) of Anti-collision Sensors by Types 2011-2016

Figure Europe Market Size (Value) Share of Anti-collision Sensors by Types in 2011 Figure Europe Market Size (Value) Share of Anti-collision Sensors by Types in 2015 Table Europe Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2011-2016

Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Applications in 2011

Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Applications in 2015

Table Europe Market Size (Value) (M USD) of Anti-collision Sensors by Applications 2011-2016

Figure Europe Market Size (Value) Share of Anti-collision Sensors by Applications in 2011



Figure Europe Market Size (Value) Share of Anti-collision Sensors by Applications in 2015

Table Europe Sales Volume (K Units) of Anti-collision Sensors by Companies 2011-2016

Table Europe Sales Volume Market Share of Anti-collision Sensors by Companies 2011-2016

Figure Europe Sales Volume Market Share of Anti-collision Sensors by Companies in 2011

Figure Europe Sales Volume Market Share of Anti-collision Sensors by Companies in 2015

Table Europe Sales Revenue (M USD) of Anti-collision Sensors by Companies 2011-2016

Table Europe Sales Revenue Market Share of Anti-collision Sensors by Companies 2011-2016

Figure Europe Sales Revenue Market Share of Anti-collision Sensors by Companies in 2011

Figure Europe Sales Revenue Market Share of Anti-collision Sensors by Companies in 2015

Table Europe Sale Price (USD/Unit) of Anti-collision Sensors by Types 2011-2016
Figure Europe Sale Price (USD/Unit) of Anti-collision Sensors by Types in 2015
Table Europe Sale Price (USD/Unit) of Anti-collision Sensors by Applications 2011-2016
Figure Europe Sale Price (USD/Unit) of Anti-collision Sensors by Applications in 2015
Table Europe Sale Price (USD/Unit) of Anti-collision Sensors by Companies 2011-2016
Figure Europe Sale Price (USD/Unit) of Anti-collision Sensors by Companies in 2015
Table Europe Regional Supply, Import, Export and Consumption of Anti-collision
Sensors 2011-2016 (K Units)

Table Europe End Users with Contact Information and Consumption Volume of Anticollision Sensors by Applications

Figure China Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2011-2016

Figure China Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2011-2016

Table China Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2011-2016

Figure China Market Size (Volume) Share of Anti-collision Sensors by Types in 2011
Figure China Market Size (Volume) Share of Anti-collision Sensors by Types in 2015
Table China Market Size (Value) (M USD) of Anti-collision Sensors by Types 2011-2016
Figure China Market Size (Value) Share of Anti-collision Sensors by Types in 2011
Figure China Market Size (Value) Share of Anti-collision Sensors by Types in 2015



Table China Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2011-2016

Figure China Market Size (Volume) Share of Anti-collision Sensors by Applications in 2011

Figure China Market Size (Volume) Share of Anti-collision Sensors by Applications in 2015

Table China Market Size (Value) (M USD) of Anti-collision Sensors by Applications 2011-2016

Figure China Market Size (Value) Share of Anti-collision Sensors by Applications in 2011

Figure China Market Size (Value) Share of Anti-collision Sensors by Applications in 2015

Table China Sales Volume (K Units) of Anti-collision Sensors by Companies 2011-2016
Table China Sales Volume Market Share of Anti-collision Sensors by Companies
2011-2016

Figure China Sales Volume Market Share of Anti-collision Sensors by Companies in 2011

Figure China Sales Volume Market Share of Anti-collision Sensors by Companies in 2015

Table China Sales Revenue (M USD) of Anti-collision Sensors by Companies 2011-2016

Table China Sales Revenue Market Share of Anti-collision Sensors by Companies 2011-2016

Figure China Sales Revenue Market Share of Anti-collision Sensors by Companies in 2011

Figure China Sales Revenue Market Share of Anti-collision Sensors by Companies in 2015

Table China Sale Price (USD/Unit) of Anti-collision Sensors by Types 2011-2016
Figure China Sale Price (USD/Unit) of Anti-collision Sensors by Types in 2015
Table China Sale Price (USD/Unit) of Anti-collision Sensors by Applications 2011-2016
Figure China Sale Price (USD/Unit) of Anti-collision Sensors by Applications in 2015
Table China Sale Price (USD/Unit) of Anti-collision Sensors by Companies 2011-2016
Figure China Sale Price (USD/Unit) of Anti-collision Sensors by Companies in 2015
Table China Regional Supply, Import, Export and Consumption of Anti-collision Sensors 2011-2016 (K Units)

Table China End Users with Contact Information and Consumption Volume of Anticollision Sensors by Applications

Figure Japan Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2011-2016



Figure Japan Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2011-2016

Table Japan Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2011-2016

Figure Japan Market Size (Volume) Share of Anti-collision Sensors by Types in 2011 Figure Japan Market Size (Volume) Share of Anti-collision Sensors by Types in 2015 Table Japan Market Size (Value) (M USD) of Anti-collision Sensors by Types 2011-2016

Figure Japan Market Size (Value) Share of Anti-collision Sensors by Types in 2011 Figure Japan Market Size (Value) Share of Anti-collision Sensors by Types in 2015 Table Japan Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2011-2016

Figure Japan Market Size (Volume) Share of Anti-collision Sensors by Applications in 2011

Figure Japan Market Size (Volume) Share of Anti-collision Sensors by Applications in 2015

Table Japan Market Size (Value) (M USD) of Anti-collision Sensors by Applications 2011-2016

Figure Japan Market Size (Value) Share of Anti-collision Sensors by Applications in 2011

Figure Japan Market Size (Value) Share of Anti-collision Sensors by Applications in 2015

Table Japan Sales Volume (K Units) of Anti-collision Sensors by Companies 2011-2016 Table Japan Sales Volume Market Share of Anti-collision Sensors by Companies 2011-2016

Figure Japan Sales Volume Market Share of Anti-collision Sensors by Companies in 2011

Figure Japan Sales Volume Market Share of Anti-collision Sensors by Companies in 2015

Table Japan Sales Revenue (M USD) of Anti-collision Sensors by Companies 2011-2016

Table Japan Sales Revenue Market Share of Anti-collision Sensors by Companies 2011-2016

Figure Japan Sales Revenue Market Share of Anti-collision Sensors by Companies in 2011

Figure Japan Sales Revenue Market Share of Anti-collision Sensors by Companies in 2015

Table Japan Sale Price (USD/Unit) of Anti-collision Sensors by Types 2011-2016 Figure Japan Sale Price (USD/Unit) of Anti-collision Sensors by Types in 2015



Table Japan Sale Price (USD/Unit) of Anti-collision Sensors by Applications 2011-2016 Figure Japan Sale Price (USD/Unit) of Anti-collision Sensors by Applications in 2015 Table Japan Sale Price (USD/Unit) of Anti-collision Sensors by Companies 2011-2016 Figure Japan Sale Price (USD/Unit) of Anti-collision Sensors by Companies in 2015 Table Japan Regional Supply, Import, Export and Consumption of Anti-collision Sensors 2011-2016 (K Units)

Table Japan End Users with Contact Information and Consumption Volume of Anticollision Sensors by Applications

**Table Continental Information List** 

Figure Anti-collision Sensors Picture and Specifications of Continental

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Continental 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Continental 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Continental 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Continental 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Continental 2011-2016

Table Delphi Automotive Information List

Figure Anti-collision Sensors Picture and Specifications of Delphi Automotive Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Delphi Automotive 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Delphi Automotive 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Delphi Automotive 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Delphi Automotive 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Delphi Automotive 2011-2016

Table Denso Information List

Figure Anti-collision Sensors Picture and Specifications of Denso

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Denso 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Denso 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Denso



2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Denso 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Denso 2011-2016

Table Bosch Information List

Figure Anti-collision Sensors Picture and Specifications of Bosch

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Bosch 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Bosch 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Bosch 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Bosch 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Bosch 2011-2016

Table TRW Automotive Information List

Figure Anti-collision Sensors Picture and Specifications of TRW Automotive

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale

Price (USD/Unit) and Gross Margin of TRW Automotive 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of TRW Automotive 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of TRW Automotive 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of TRW Automotive 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of TRW Automotive 2011-2016

Table Analog Devices Information List

Figure Anti-collision Sensors Picture and Specifications of Analog Devices

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale

Price (USD/Unit) and Gross Margin of Analog Devices 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Analog Devices 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Analog Devices 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Analog Devices 2011-2016



Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Analog Devices 2011-2016

**Table Autoliv Information List** 

Figure Anti-collision Sensors Picture and Specifications of Autoliv

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Autoliv 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Autoliv 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Autoliv 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Autoliv 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Autoliv 2011-2016

Table Freescale Semiconductor Information List

Figure Anti-collision Sensors Picture and Specifications of Freescale Semiconductor Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Freescale Semiconductor 2011-2016 Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Freescale Semiconductor 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Freescale Semiconductor 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Freescale Semiconductor 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Freescale Semiconductor 2011-2016

Table Hella Kgaa Hueck Information List

Figure Anti-collision Sensors Picture and Specifications of Hella Kgaa Hueck

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Hella Kgaa Hueck 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Hella Kgaa

Hueck 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Hella Kgaa Hueck 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Hella Kgaa Hueck 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Hella Kgaa Hueck 2011-2016

Table Hyundai Mobis Information List



Figure Anti-collision Sensors Picture and Specifications of Hyundai Mobis Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale

Price (USD/Unit) and Gross Margin of Hyundai Mobis 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Hyundai Mobis 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Hyundai Mobis 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Hyundai Mobis 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Hyundai Mobis 2011-2016

Table Infineon Technologies Information List

Figure Anti-collision Sensors Picture and Specifications of Infineon Technologies Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Infineon Technologies 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Infineon Technologies 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Infineon Technologies 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Infineon Technologies 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Infineon Technologies 2011-2016

Table Mobileye Information List

Figure Anti-collision Sensors Picture and Specifications of Mobileye

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Mobileye 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Mobileye 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Mobileye 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Mobileye 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Mobileye 2011-2016

Table Murata Manufacturing Information List

Figure Anti-collision Sensors Picture and Specifications of Murata Manufacturing Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Murata Manufacturing 2011-2016



Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Murata Manufacturing 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Murata Manufacturing 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Murata Manufacturing 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Murata Manufacturing 2011-2016

Table OmniVision Technologies Information List

Figure Anti-collision Sensors Picture and Specifications of OmniVision Technologies Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of OmniVision Technologies 2011-2016 Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of OmniVision Technologies 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of OmniVision Technologies 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of OmniVision Technologies 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of OmniVision Technologies 2011-2016

**Table Panasonic Corporation Information List** 

Figure Anti-collision Sensors Picture and Specifications of Panasonic Corporation Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Panasonic Corporation 2011-2016 Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Panasonic Corporation 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Panasonic Corporation 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Panasonic Corporation 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Panasonic Corporation 2011-2016

Table Quanergy Systems Information List

Figure Anti-collision Sensors Picture and Specifications of Quanergy Systems

Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale

Price (USD/Unit) and Gross Margin of Quanergy Systems 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Pate of Quanergy

Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Quanergy Systems 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of



Quanergy Systems 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Quanergy Systems 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Quanergy Systems 2011-2016

Table Sensata Technologies Information List

Figure Anti-collision Sensors Picture and Specifications of Sensata Technologies Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale Price (USD/Unit) and Gross Margin of Sensata Technologies 2011-2016 Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Sensata Technologies 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Sensata Technologies 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Sensata Technologies 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Sensata Technologies 2011-2016

Table Texas Instruments Information List

Figure Anti-collision Sensors Picture and Specifications of Texas Instruments
Table Anti-collision Sensors Sales Volume (K Units), Sales Revenue (M USD), Sale
Price (USD/Unit) and Gross Margin of Texas Instruments 2011-2016
Figure Anti-collision Sensors Sales Volume (K Units) and Growth Rate of Texas
Instruments 2011-2016

Figure Anti-collision Sensors Sales Volume (K Units) and Global Market Share of Texas Instruments 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Growth Rate of Texas Instruments 2011-2016

Figure Anti-collision Sensors Sales Revenue (M USD) and Global Market Share of Texas Instruments 2011-2016

Table Global Production (K Units) of Anti-collision Sensors by Regions 2011-2016
Table Global Production Market Share of Anti-collision Sensors by Regions 2011-2016
Table Global Production Market Share of Anti-collision Sensors by Regions in 2011
Table Global Production Market Share of Anti-collision Sensors by Regions in 2015
Figure Global Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors
2016-2021

Figure Global Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2016-2021

Figure USA Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2016-2021



Figure USA Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2016-2021

Figure Europe Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2016-2021

Figure Europe Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2016-2021

Figure China Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2016-2021

Figure China Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2016-2021

Figure Japan Market Size (Volume) (K Units) and Growth Rate of Anti-collision Sensors 2016-2021

Figure Japan Market Size (Value) (M USD) and Growth Rate of Anti-collision Sensors 2016-2021

Table Global Market Size (Volume) (K Units) of Anti-collision Sensors by Regions 2016-2021

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Regions in 2016 Figure Global Market Size (Volume) Share of Anti-collision Sensors by Regions in 2021 Table Global Market Size (Value) (M USD) of Anti-collision Sensors by Regions 2016-2021

Figure Global Market Size (Value) Share of Anti-collision Sensors by Regions in 2016 Figure Global Market Size (Value) Share of Anti-collision Sensors by Regions in 2021 Table Global Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2016-2021

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Types in 2016 Figure Global Market Size (Volume) Share of Anti-collision Sensors by Types in 2021 Table Global Market Size (Value) (M USD) of Anti-collision Sensors by Types 2016-2021

Figure Global Market Size (Value) Share of Anti-collision Sensors by Types in 2016 Figure Global Market Size (Value) Share of Anti-collision Sensors by Types in 2021 Table USA Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2016-2021

Figure USA Market Size (Volume) Share of Anti-collision Sensors by Types in 2016 Figure USA Market Size (Volume) Share of Anti-collision Sensors by Types in 2021 Table USA Market Size (Value) (M USD) of Anti-collision Sensors by Types 2016-2021 Figure USA Market Size (Value) Share of Anti-collision Sensors by Types in 2016 Figure USA Market Size (Value) Share of Anti-collision Sensors by Types in 2021 Table Europe Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2016-2021



Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Types in 2016 Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Types in 2021 Table Europe Market Size (Value) (M USD) of Anti-collision Sensors by Types 2016-2021

Figure Europe Market Size (Value) Share of Anti-collision Sensors by Types in 2016 Figure Europe Market Size (Value) Share of Anti-collision Sensors by Types in 2021 Table China Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2016-2021

Figure China Market Size (Volume) Share of Anti-collision Sensors by Types in 2016 Figure China Market Size (Volume) Share of Anti-collision Sensors by Types in 2021 Table China Market Size (Value) (M USD) of Anti-collision Sensors by Types 2016-2021 Figure China Market Size (Value) Share of Anti-collision Sensors by Types in 2016 Figure China Market Size (Value) Share of Anti-collision Sensors by Types in 2021 Table Japan Market Size (Volume) (K Units) of Anti-collision Sensors by Types 2016-2021

Figure Japan Market Size (Volume) Share of Anti-collision Sensors by Types in 2016 Figure Japan Market Size (Volume) Share of Anti-collision Sensors by Types in 2021 Table Japan Market Size (Value) (M USD) of Anti-collision Sensors by Types 2016-2021

Figure Japan Market Size (Value) Share of Anti-collision Sensors by Types in 2016 Figure Japan Market Size (Value) Share of Anti-collision Sensors by Types in 2021 Table Global Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2016-2021

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Applications in 2016

Figure Global Market Size (Volume) Share of Anti-collision Sensors by Applications in 2021

Table Global Market Size (Value) (M USD) of Anti-collision Sensors by Applications 2016-2021

Figure Global Market Size (Value) Share of Anti-collision Sensors by Applications in 2016

Figure Global Market Size (Value) Share of Anti-collision Sensors by Applications in 2021

Table USA Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2016-2021

Figure USA Market Size (Volume) Share of Anti-collision Sensors by Applications in 2016

Figure USA Market Size (Volume) Share of Anti-collision Sensors by Applications in 2021



Table USA Market Size (Value) (M USD) of Anti-collision Sensors by Applications 2016-2021

Figure USA Market Size (Value) Share of Anti-collision Sensors by Applications in 2016 Figure USA Market Size (Value) Share of Anti-collision Sensors by Applications in 2021 Table Europe Market Size (Volume) (K Units) of Anti-collision Sensors by Applications 2016-2021

Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Applications in 2016

Figure Europe Market Size (Volume) Share of Anti-collision Sensors by Applications in 2



#### I would like to order

Product name: Global Anti-collision Sensors Consumption 2016 Market Research Report

Product link: <a href="https://marketpublishers.com/r/G956447767CEN.html">https://marketpublishers.com/r/G956447767CEN.html</a>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

### **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G956447767CEN.html">https://marketpublishers.com/r/G956447767CEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970