

Global Smart Building Wireless Sensor Market Research Report 2016

<https://marketpublishers.com/r/G1DA401E0E6EN.html>

Date: September 2016

Pages: 116

Price: US\$ 2,900.00 (Single User License)

ID: G1DA401E0E6EN

Abstracts

Notes:

Production, means the output of Smart Building Wireless Sensor

Revenue, means the sales value of Smart Building Wireless Sensor

This report studies Smart Building Wireless Sensor in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

AirTest

Assa Abloy

Autani Corporation

Bosch Security

Centralite Systems

CIMCON Lighting

Control4

Convergence Wireless

Crestron

Daintree Networks

Delta Controls

Digital Lumens

Distech Controls Inc.

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Smart Building Wireless Sensor in these regions, from 2011 to 2021 (forecast), like

North America

Europe

China

Japan

Southeast Asia

India

Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into

Type I

Type II

Type III

Split by application, this report focuses on consumption, market share and growth rate of Smart Building Wireless Sensor in each application, can be divided into

Application 1

Application 2

Application 3

Contents

Global Smart Building Wireless Sensor Market Research Report 2016

1 SMART BUILDING WIRELESS SENSOR MARKET OVERVIEW

1.1 Product Overview and Scope of Smart Building Wireless Sensor

1.2 Smart Building Wireless Sensor Segment by Type

1.2.1 Global Production Market Share of Smart Building Wireless Sensor by Type in 2015

1.2.2 Type I

1.2.3 Type II

1.2.4 Type III

1.3 Smart Building Wireless Sensor Segment by Application

1.3.1 Smart Building Wireless Sensor Consumption Market Share by Application in 2015

1.3.2 Application

1.3.3 Application

1.3.4 Application

1.4 Smart Building Wireless Sensor Market by Region

1.4.1 North America Status and Prospect (2011-2021)

1.4.2 Europe Status and Prospect (2011-2021)

1.4.3 China Status and Prospect (2011-2021)

1.4.4 Japan Status and Prospect (2011-2021)

1.4.5 Southeast Asia Status and Prospect (2011-2021)

1.4.6 India Status and Prospect (2011-2021)

1.5 Global Market Size (Value) of Smart Building Wireless Sensor (2011-2021)

2 GLOBAL SMART BUILDING WIRELESS SENSOR MARKET COMPETITION BY MANUFACTURERS

2.1 Global Smart Building Wireless Sensor Production and Share by Manufacturers (2015 and 2016)

2.2 Global Smart Building Wireless Sensor Revenue and Share by Manufacturers (2015 and 2016)

2.3 Global Smart Building Wireless Sensor Average Price by Manufacturers (2015 and 2016)

2.4 Manufacturers Smart Building Wireless Sensor Manufacturing Base Distribution, Sales Area and Product Type

2.5 Smart Building Wireless Sensor Market Competitive Situation and Trends

2.5.1 Smart Building Wireless Sensor Market Concentration Rate

2.5.2 Smart Building Wireless Sensor Market Share of Top 3 and Top 5 Manufacturers

2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL SMART BUILDING WIRELESS SENSOR PRODUCTION, REVENUE (VALUE) BY REGION (2011-2016)

3.1 Global Smart Building Wireless Sensor Production by Region (2011-2016)

3.2 Global Smart Building Wireless Sensor Production Market Share by Region (2011-2016)

3.3 Global Smart Building Wireless Sensor Revenue (Value) and Market Share by Region (2011-2016)

3.4 Global Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

3.5 North America Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

3.6 Europe Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

3.7 China Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

3.8 Japan Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

3.9 Southeast Asia Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

3.10 India Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

4 GLOBAL SMART BUILDING WIRELESS SENSOR SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

4.1 Global Smart Building Wireless Sensor Consumption by Regions (2011-2016)

4.2 North America Smart Building Wireless Sensor Production, Consumption, Export, Import by Regions (2011-2016)

4.3 Europe Smart Building Wireless Sensor Production, Consumption, Export, Import by Regions (2011-2016)

4.4 China Smart Building Wireless Sensor Production, Consumption, Export, Import by Regions (2011-2016)

4.5 Japan Smart Building Wireless Sensor Production, Consumption, Export, Import by

Regions (2011-2016)

4.6 Southeast Asia Smart Building Wireless Sensor Production, Consumption, Export, Import by Regions (2011-2016)

4.7 India Smart Building Wireless Sensor Production, Consumption, Export, Import by Regions (2011-2016)

5 GLOBAL SMART BUILDING WIRELESS SENSOR PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

5.1 Global Smart Building Wireless Sensor Production and Market Share by Type (2011-2016)

5.2 Global Smart Building Wireless Sensor Revenue and Market Share by Type (2011-2016)

5.3 Global Smart Building Wireless Sensor Price by Type (2011-2016)

5.4 Global Smart Building Wireless Sensor Production Growth by Type (2011-2016)

6 GLOBAL SMART BUILDING WIRELESS SENSOR MARKET ANALYSIS BY APPLICATION

6.1 Global Smart Building Wireless Sensor Consumption and Market Share by Application (2011-2016)

6.2 Global Smart Building Wireless Sensor Consumption Growth Rate by Application (2011-2016)

6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

7 GLOBAL SMART BUILDING WIRELESS SENSOR MANUFACTURERS PROFILES/ANALYSIS

7.1 AirTest

7.1.1 Company Basic Information, Manufacturing Base and Its Competitors

7.1.2 Smart Building Wireless Sensor Product Type, Application and Specification

7.1.2.1 Type I

7.1.2.2 Type II

7.1.3 AirTest Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)

7.1.4 Main Business/Business Overview

7.2 Assa Abloy

- 7.2.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.2.2 Smart Building Wireless Sensor Product Type, Application and Specification
 - 7.2.2.1 Type I
 - 7.2.2.2 Type II
- 7.2.3 Assa Abloy Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.2.4 Main Business/Business Overview
- 7.3 Autani Corporation
 - 7.3.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.3.2 Smart Building Wireless Sensor Product Type, Application and Specification
 - 7.3.2.1 Type I
 - 7.3.2.2 Type II
 - 7.3.3 Autani Corporation Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.3.4 Main Business/Business Overview
- 7.4 Bosch Security
 - 7.4.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.4.2 Smart Building Wireless Sensor Product Type, Application and Specification
 - 7.4.2.1 Type I
 - 7.4.2.2 Type II
 - 7.4.3 Bosch Security Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.4.4 Main Business/Business Overview
- 7.5 CentraLite Systems
 - 7.5.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.5.2 Smart Building Wireless Sensor Product Type, Application and Specification
 - 7.5.2.1 Type I
 - 7.5.2.2 Type II
 - 7.5.3 CentraLite Systems Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.5.4 Main Business/Business Overview
- 7.6 CIMCON Lighting
 - 7.6.1 Company Basic Information, Manufacturing Base and Its Competitors
 - 7.6.2 Smart Building Wireless Sensor Product Type, Application and Specification
 - 7.6.2.1 Type I
 - 7.6.2.2 Type II
 - 7.6.3 CIMCON Lighting Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)
 - 7.6.4 Main Business/Business Overview

7.7 Control4

7.7.1 Company Basic Information, Manufacturing Base and Its Competitors

7.7.2 Smart Building Wireless Sensor Product Type, Application and Specification

7.7.2.1 Type I

7.7.2.2 Type II

7.7.3 Control4 Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)

7.7.4 Main Business/Business Overview

7.8 Convergence Wireless

7.8.1 Company Basic Information, Manufacturing Base and Its Competitors

7.8.2 Smart Building Wireless Sensor Product Type, Application and Specification

7.8.2.1 Type I

7.8.2.2 Type II

7.8.3 Convergence Wireless Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)

7.8.4 Main Business/Business Overview

7.9 Crestron

7.9.1 Company Basic Information, Manufacturing Base and Its Competitors

7.9.2 Smart Building Wireless Sensor Product Type, Application and Specification

7.9.2.1 Type I

7.9.2.2 Type II

7.9.3 Crestron Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)

7.9.4 Main Business/Business Overview

7.10 Daintree Networks

7.10.1 Company Basic Information, Manufacturing Base and Its Competitors

7.10.2 Smart Building Wireless Sensor Product Type, Application and Specification

7.10.2.1 Type I

7.10.2.2 Type II

7.10.3 Daintree Networks Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2015 and 2016)

7.10.4 Main Business/Business Overview

7.11 Delta Controls

7.12 Digital Lumens

7.13 Distech Controls Inc.

8 SMART BUILDING WIRELESS SENSOR MANUFACTURING COST ANALYSIS

8.1 Smart Building Wireless Sensor Key Raw Materials Analysis

- 8.1.1 Key Raw Materials
- 8.1.2 Price Trend of Key Raw Materials
- 8.1.3 Key Suppliers of Raw Materials
- 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
 - 8.2.1 Raw Materials
 - 8.2.2 Labor Cost
 - 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Smart Building Wireless Sensor

9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Smart Building Wireless Sensor Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Smart Building Wireless Sensor Major Manufacturers in 2015
- 9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Marketing
 - 10.1.2 Indirect Marketing
 - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
 - 10.2.1 Pricing Strategy
 - 10.2.2 Brand Strategy
 - 10.2.3 Target Client
- 10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
 - 11.1.1 Substitutes Threat
 - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

12 GLOBAL SMART BUILDING WIRELESS SENSOR MARKET FORECAST

(2016-2021)

12.1 Global Smart Building Wireless Sensor Production, Revenue Forecast (2016-2021)

12.2 Global Smart Building Wireless Sensor Production, Consumption Forecast by Regions (2016-2021)

12.3 Global Smart Building Wireless Sensor Production Forecast by Type (2016-2021)

12.4 Global Smart Building Wireless Sensor Consumption Forecast by Application (2016-2021)

12.5 Smart Building Wireless Sensor Price Forecast (2016-2021)

13 RESEARCH FINDINGS AND CONCLUSION**14 APPENDIX**

Author List

Disclosure Section

Research Methodology

Data Source

China Disclaimer

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Smart Building Wireless Sensor

Figure Global Production Market Share of Smart Building Wireless Sensor by Type in 2015

Figure Product Picture of Type I

Table Major Manufacturers of Type I

Figure Product Picture of Type II

Table Major Manufacturers of Type II

Figure Product Picture of Type III

Table Major Manufacturers of Type III

Table Smart Building Wireless Sensor Consumption Market Share by Application in 2015

Figure Application 1 Examples

Figure Application 2 Examples

Figure Application 3 Examples

Figure North America Smart Building Wireless Sensor Revenue (Million USD) and Growth Rate (2011-2021)

Figure Europe Smart Building Wireless Sensor Revenue (Million USD) and Growth Rate (2011-2021)

Figure China Smart Building Wireless Sensor Revenue (Million USD) and Growth Rate (2011-2021)

Figure Japan Smart Building Wireless Sensor Revenue (Million USD) and Growth Rate (2011-2021)

Figure Southeast Asia Smart Building Wireless Sensor Revenue (Million USD) and Growth Rate (2011-2021)

Figure India Smart Building Wireless Sensor Revenue (Million USD) and Growth Rate (2011-2021)

Figure Global Smart Building Wireless Sensor Revenue (Million USD) and Growth Rate (2011-2021)

Table Global Smart Building Wireless Sensor Capacity of Key Manufacturers (2015 and 2016)

Table Global Smart Building Wireless Sensor Capacity Market Share by Manufacturers (2015 and 2016)

Figure Global Smart Building Wireless Sensor Capacity of Key Manufacturers in 2015

Figure Global Smart Building Wireless Sensor Capacity of Key Manufacturers in 2016

Table Global Smart Building Wireless Sensor Production of Key Manufacturers (2015

and 2016)

Table Global Smart Building Wireless Sensor Production Share by Manufacturers (2015 and 2016)

Figure 2015 Smart Building Wireless Sensor Production Share by Manufacturers

Figure 2016 Smart Building Wireless Sensor Production Share by Manufacturers

Table Global Smart Building Wireless Sensor Revenue (Million USD) by Manufacturers (2015 and 2016)

Table Global Smart Building Wireless Sensor Revenue Share by Manufacturers (2015 and 2016)

Table 2015 Global Smart Building Wireless Sensor Revenue Share by Manufacturers

Table 2016 Global Smart Building Wireless Sensor Revenue Share by Manufacturers

Table Global Market Smart Building Wireless Sensor Average Price of Key Manufacturers (2015 and 2016)

Figure Global Market Smart Building Wireless Sensor Average Price of Key Manufacturers in 2015

Table Manufacturers Smart Building Wireless Sensor Manufacturing Base Distribution and Sales Area

Table Manufacturers Smart Building Wireless Sensor Product Type

Figure Smart Building Wireless Sensor Market Share of Top 3 Manufacturers

Figure Smart Building Wireless Sensor Market Share of Top 5 Manufacturers

Table Global Smart Building Wireless Sensor Capacity by Regions (2011-2016)

Figure Global Smart Building Wireless Sensor Capacity Market Share by Regions (2011-2016)

Figure Global Smart Building Wireless Sensor Capacity Market Share by Regions (2011-2016)

Figure 2015 Global Smart Building Wireless Sensor Capacity Market Share by Regions

Table Global Smart Building Wireless Sensor Production by Regions (2011-2016)

Figure Global Smart Building Wireless Sensor Production and Market Share by Regions (2011-2016)

Figure Global Smart Building Wireless Sensor Production Market Share by Regions (2011-2016)

Figure 2015 Global Smart Building Wireless Sensor Production Market Share by Regions

Table Global Smart Building Wireless Sensor Revenue by Regions (2011-2016)

Table Global Smart Building Wireless Sensor Revenue Market Share by Regions (2011-2016)

Table 2015 Global Smart Building Wireless Sensor Revenue Market Share by Regions

Table Global Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Table North America Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Table China Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Table Southeast Asia Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Table India Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Table Global Smart Building Wireless Sensor Consumption Market by Regions (2011-2016)

Table Global Smart Building Wireless Sensor Consumption Market Share by Regions (2011-2016)

Figure Global Smart Building Wireless Sensor Consumption Market Share by Regions (2011-2016)

Figure 2015 Global Smart Building Wireless Sensor Consumption Market Share by Regions

Table North America Smart Building Wireless Sensor Production, Consumption, Import & Export (2011-2016)

Table Europe Smart Building Wireless Sensor Production, Consumption, Import & Export (2011-2016)

Table China Smart Building Wireless Sensor Production, Consumption, Import & Export (2011-2016)

Table Japan Smart Building Wireless Sensor Production, Consumption, Import & Export (2011-2016)

Table Southeast Asia Smart Building Wireless Sensor Production, Consumption, Import & Export (2011-2016)

Table India Smart Building Wireless Sensor Production, Consumption, Import & Export (2011-2016)

Table Global Smart Building Wireless Sensor Production by Type (2011-2016)

Table Global Smart Building Wireless Sensor Production Share by Type (2011-2016)

Figure Production Market Share of Smart Building Wireless Sensor by Type (2011-2016)

Figure 2015 Production Market Share of Smart Building Wireless Sensor by Type

Table Global Smart Building Wireless Sensor Revenue by Type (2011-2016)

Table Global Smart Building Wireless Sensor Revenue Share by Type (2011-2016)

Figure Production Revenue Share of Smart Building Wireless Sensor by Type (2011-2016)

Figure 2015 Revenue Market Share of Smart Building Wireless Sensor by Type

Table Global Smart Building Wireless Sensor Price by Type (2011-2016)

Figure Global Smart Building Wireless Sensor Production Growth by Type (2011-2016)

Table Global Smart Building Wireless Sensor Consumption by Application (2011-2016)

Table Global Smart Building Wireless Sensor Consumption Market Share by Application (2011-2016)

Figure Global Smart Building Wireless Sensor Consumption Market Share by Application in 2015

Table Global Smart Building Wireless Sensor Consumption Growth Rate by Application (2011-2016)

Figure Global Smart Building Wireless Sensor Consumption Growth Rate by Application (2011-2016)

Table AirTest Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table AirTest Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure AirTest Smart Building Wireless Sensor Market Share (2011-2016)

Table Assa Abloy Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Assa Abloy Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure Assa Abloy Smart Building Wireless Sensor Market Share (2011-2016)

Table Autani Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Autani Corporation Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure Autani Corporation Smart Building Wireless Sensor Market Share (2011-2016)

Table Bosch Security Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Bosch Security Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure Bosch Security Smart Building Wireless Sensor Market Share (2011-2016)

Table CentraLite Systems Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table CentraLite Systems Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure CentraLite Systems Smart Building Wireless Sensor Market Share (2011-2016)

Table CIMCON Lighting Basic Information, Manufacturing Base, Sales Area and Its

Competitors

Table CIMCON Lighting Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure CIMCON Lighting Smart Building Wireless Sensor Market Share (2011-2016)

Table Control4 Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Control4 Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure Control4 Smart Building Wireless Sensor Market Share (2011-2016)

Table Convergence Wireless Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Convergence Wireless Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure Convergence Wireless Smart Building Wireless Sensor Market Share (2011-2016)

Table Crestron Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Crestron Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure Crestron Smart Building Wireless Sensor Market Share (2011-2016)

Table Daintree Networks Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Daintree Networks Smart Building Wireless Sensor Production, Revenue, Price and Gross Margin (2011-2016)

Figure Daintree Networks Smart Building Wireless Sensor Market Share (2011-2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Smart Building Wireless Sensor

Figure Manufacturing Process Analysis of Smart Building Wireless Sensor

Figure Smart Building Wireless Sensor Industrial Chain Analysis

Table Raw Materials Sources of Smart Building Wireless Sensor Major Manufacturers in 2015

Table Major Buyers of Smart Building Wireless Sensor

Table Distributors/Traders List

Figure Global Smart Building Wireless Sensor Production and Growth Rate Forecast (2016-2021)

Figure Global Smart Building Wireless Sensor Revenue and Growth Rate Forecast (2016-2021)

Table Global Smart Building Wireless Sensor Production Forecast by Regions (2016-2021)

Table Global Smart Building Wireless Sensor Consumption Forecast by Regions
(2016-2021)

Table Global Smart Building Wireless Sensor Production Forecast by Type (2016-2021)

Table Global Smart Building Wireless Sensor Consumption Forecast by Application
(2016-2021)

I would like to order

Product name: Global Smart Building Wireless Sensor Market Research Report 2016

Product link: <https://marketpublishers.com/r/G1DA401E0E6EN.html>

Price: US\$ 2,900.00 (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 <https://marketpublishers.com/r/G1DA401E0E6EN.html>

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**

Customer signature _____

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

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