Camera Modules Market by Component (Image Sensor, Lens Module), Process (Flip-Chip), Pixel, Application (Consumer Electronics, Security & Surveillance, Automotive, Aerospace & Defense, Industrial), and Geography - Global Forecast to 2020

Description:

In the modern dynamic world of technology, the applications of camera modules have expanded beyond their traditional use as a component of digital still cameras to an extensive range of markets in automotive devices, security, healthcare, and other areas, owing to the cost and performance benefits of the camera modules.

The camera modules market is gaining ground in several applications from consumer electronics to industrial robotics and gaming, automotive, healthcare, security & surveillance, and aerospace & defense. With the advancement of the digital image technology, increased opportunities are growing in the camera modules market.

This advancement is reflected in some core technologies in the camera modules market such as 3D depth sensing, infrared thermal technology, 4K pixel and ultra HD display technology, and panoramic technology. The global camera modules market was valued at USD 19.21 Billion in 2014 and is expected to grow at a CAGR of 10.8% between 2015 and 2020. Currently, the consumer electronics application holds a large share of the camera modules market.

The growth of camera modules market is fostered by the growth in the demand for consumer electronics market globally. Also, the growing market for advanced driver assistance systems (ADAS) in the automotive sector is boosting the demand for image sensors, and in turn, camera modules. In addition, the camera modules used in the security and surveillance systems are penetrating the household security market, intelligent buildings, and outdoor security market along with the government facilities and commercial buildings.

In this report, the global camera modules market is segmented on the basis of different components such as image sensor, lens modules, and others. This market is also segmented on the basis of process into COB (chip-on-board), and flip-chip camera modules. The camera modules market with respect to different applications such as consumer electronics, healthcare, industrial, security & surveillance, automotive, and aerospace & defense, also has been analyzed and forecast in the report for the period between 2014 and 2020.

This report on the global camera modules market analyzes the camera modules value chain to provide a clear insight into the various segments and stakeholders in the industry. The market has been segmented on the basis of component, process, pixel, application, and region. This report also evaluates market and technology-related trends, along with market dynamics such as drivers, restraints, opportunities, and challenges.

The global camera modules market report profiles some of the key technological developments in the recent times. It also profiles some of the leading players in these markets and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of the key market players.

The major players in the global camera modules market include LG Electronics Inc. (South Korea), Samsung Electro-Mechanics Co., Ltd. (South Korea), Sharp Corporation (Japan), Lite-On Technology Corporation (Taiwan), and Cowell e Holdings Inc. (China) among others.

Scope of the Report

Market, by Component:
- The global camera modules market is segmented on the basis of components into image sensors, lens modules, and other components.
Market, by Process:
- The camera modules market is segmented on the basis of process into two major categories, namely, COB (chip-on-board), and flip-chip camera modules.

Market, by Pixel:
- The global camera modules market is segmented on the basis of pixels into camera modules with different ranges of pixel count. The pixel matrix is one of the key metrics in the camera module performance which measures the image resolution in the camera modules.

Market, by Application:
- The global camera modules market is segmented on the basis of application into consumer electronics, automotive, healthcare, industrial, security and surveillance, and aerospace & defense.

Market, by Geography:
- The global camera modules market is segmented on the basis of geography into four regions, namely, North America, Europe, Asia-Pacific, and Rest of the World. The geographical analysis in the report further divides North America into the U.S., Canada, and Mexico; Europe into the U.K., Germany, France, Italy, and Rest of Europe; APAC into China, Japan, South Korea, and Rest of APAC; and the RoW region into the Middle East & Africa and South America.

Key Take Aways:
In this report, the global camera modules market has been segmented into the following categories and the industry trends have also been detailed according to the following aspects:
- Total Markets: Global camera modules market - component market, submarkets, related markets, complementary markets (with subsegmentation), total addressable market (TAM), and market penetration of global camera modules
- Submarkets: Segmentation of the global camera modules market based on component, process, pixel count, and application.
  - Market, by Component: Image sensors, lens modules, and other components
  - Market, by Process: COB (chip-on-board), and flip-chip camera modules
  - Market, by Pixel: Upto 2 megapixels, 2 to 5 megapixels, 5 to 8 megapixels, 8 to 12 megapixels, 12 to 16 megapixels, and above 16 megapixels
  - Market, by Application: Consumer electronics, automotive, healthcare, industrial, security and surveillance, and aerospace & defense.
- Market, by Geography: North America (subsegmented into the U.S., Canada, and Mexico), Europe (subsegmented into the U.K., Germany, France, Italy, and Rest of Europe), APAC (subsegmented into China, Japan, South Korea, and Rest of APAC), and RoW (subsegmented into the Middle East & Africa and South America)
- Competitive Landscape: Market ranking analysis for manufacturers and developers of camera modules, globally
- Patent Landscape Analysis: Patent activity, publication activity, and mapping & analysis

Contents:
1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Study Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Research Data
2.2 Market Size Estimation
2.3 Market Breakdown and Data Triangulation
2.4 Market Size Estimation
2.4.1 Secondary Data
2.4.1.1 Key Data From Secondary Sources
2.4.2 Primary Data
2.4.2.1 Key Data From Primary Sources
2.4.3 Key Industry Insights
2.4.4 Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Market Opportunities for Camera Modules
4.2 Camera Modules Market: Major Applications
4.3 APAC Held the Largest Share of the Camera Modules Market in 2014
4.4 Asia-Pacific Accounted for A Share of ~39% of the Camera Modules Market (2014)
4.5 Camera Modules Market, By Image Sensor Type
4.6 Camera Modules Market, By Process

5 Market Overview
5.1 Introduction
5.2 Market Evolution
5.3 Market Segmentation
5.3.1 Market, By Component
5.3.2 Market, By Pixel
5.3.3 Market, By Process
5.3.4 Market, By Application
5.3.5 Market, By Geography
5.4 Market Dynamics
5.4.1 Drivers
5.4.1.1 Growing Demand for Camera Modules in the Consumer Electronics Market
5.4.1.2 Enhancement in the Image Resolution of Sensors Along With Technological Advancement in Camera Module Components and Design
5.4.1.3 Increased Application of Camera Modules in Automotive Sector
5.4.1.4 Machine Vision Systems Driving the CMOS Camera Modules Market
5.4.1.5 Growth of Advanced Media-Sharing Technologies
5.4.2 Restraints
5.4.2.1 High Power Consumption in CCD Image Sensor
5.4.2.2 Heavy Maintenance and High Cost of Camera Modules
5.4.3 Opportunities
5.4.3.1 3D Motion Sensors for Indoor Navigation in Camera Modules
5.4.3.2 Increasing Need for Technological Advancements in the Storage and Sensor Throughputs of Camera Modules
5.4.3.3 Requirement of Image Fusion for Enhanced Image Quality
5.4.3.4 Expansion of 4k Pixel Technology
5.4.4 Challenges
5.4.4.1 Miniaturization of Image Sensor Chips Posing A Major Challenge for the Development of Image Sensor in Camera Modules

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.2.1 Value Chain Analysis of Camera Modules (2014)
6.2.2 Value Chain Analysis of Image Sensors (2014)
6.2.3 Vertical Integration in Camera Modules Market
6.3 Major Trends in Camera Modules Market
6.3.1 Increased Resolution & Complexity of Image Sensors
6.3.2 Huge Demand for Infrared Thermal Camera Module
6.3.3 Growing Application in Machine Vision
6.3.4 3D Emerging Depth-Sensing Technology in the Market
6.3.5 4k Pixel and Ultra Hd Display Technology
6.3.6 Panoramic Technology Drives the Consumer Electronic & Commercial Application
6.3.7 Growing Market for Advanced Driver Assistance Systems (ADAS) in the Automotive Sector
6.3.8 Optical Component Trends in Mobile Phones
6.3.9 Image Signal Processors Within Camera Modules
6.4 Porter’s Five Forces Analysis
6.4.1 Threats From New Entrants
6.4.2 Threat of Substitutes
6.4.3 Bargaining Power of Suppliers
6.4.4 Bargaining Power of Buyers
6.4.5 Degree of Competition

7 Market, By Component
7.1 Introduction
7.2 Image Sensors
7.2.1 CMOS Image Sensor
7.2.1.1 FSI Technology
7.2.1.2 BSI Technology
7.2.2 CCD Image Sensor
7.2.3 Other Image Sensors
7.2.3.1 Nmos Linear Image Sensor
7.2.3.2 Ingaas Linear Image Sensor
7.2.3.3 Flat Panel X-Ray Sensor
7.2.3.4 Scmos
7.3 Lens Modules
7.4 Other Components

8 Market, By Process
8.1 Introduction
8.2 Flip-Chip Camera Module
8.3 Chip-On-Board (COB) Camera Module

9 Market, By Pixel
9.1 Introduction

10 Market, By Application
10.1 Introduction
10.2 Consumer Electronics
10.2.1 Smartphone
10.2.2 Tablet Pc
10.2.3 Camera
10.2.4 Others
10.3 Healthcare
10.3.1 Endoscopy
10.3.2 Digital Radiology
10.3.3 Ophthalmology
10.3.4 Others
10.4 Industrial
10.5 Security & Surveillance
10.6 Automotive
10.7 Aerospace & Defense

11 Market, By Geography
11.1 Introduction
11.2 North America
11.2.1 U.S.
11.2.2 Canada
11.2.3 Mexico
11.3 Europe
11.3.1 Germany
11.3.2 U.K.
11.3.3 France
11.3.4 Italy
11.3.5 Rest of Europe
11.4 APAC
11.4.1 China
11.4.2 Japan
11.4.3 South Korea
11.4.4 Rest of APAC
11.5 Rest of the World (RoW)
11.5.1 Middle East & Africa
11.5.2 South America
12 Competitive Landscape
12.1 Overview
12.2 Market Share Analysis, Global Camera Modules Market
12.3 Competitive Situation and Trends
12.3.1 New Product Launches
12.3.2 Other Developments
12.3.3 Agreements & Partnerships
12.3.4 Expansions

13 Company Profiles
13.1 Introduction
13.2 LG Electronics Inc.
13.2.1 Business Overview
13.2.2 Products Offered
13.2.3 Recent Developments
13.2.4 MnM View
13.2.4.1 Key Strategy
13.2.4.2 SWOT Analysis
13.3 Samsung Electro-Mechanics Co., Ltd.
13.3.1 Business Overview
13.3.2 Products Offered
13.3.3 Recent Developments
13.3.4 MnM View
13.3.4.1 Key Strategy
13.3.4.2 SWOT Analysis
13.4 Sharp Corporation
13.4.1 Business Overview
13.4.2 Products Offered
13.4.3 Recent Developments
13.4.4 MnM View
13.4.4.1 Key Strategy
13.4.4.2 SWOT Analysis
13.5 Lite-On Technology Corporation
13.5.1 Business Overview
13.5.2 Products Offered
13.5.3 Recent Developments
13.5.4 MnM View
13.5.4.1 Key Strategy
13.5.4.2 SWOT Analysis
13.6 Cowell E Holdings Inc.
13.6.1 Business Overview
13.6.2 Products Offered
13.6.3 Recent Developments
13.6.4 MnM View
13.6.4.1 Key Strategy
13.6.4.2 SWOT Analysis
13.7 Partron Co., Ltd
13.7.1 Business Overview
13.7.2 Products Offered
13.7.3 Recent Developments
13.8 Sunny Optical Technology (Group) Company Limited
13.8.1 Business Overview
13.8.2 Products Offered
13.8.3 Recent Developments
13.9 Foxconn Electronics Inc.
13.9.1 Business Overview
13.9.2 Products Offered
13.9.3 Recent Developments
13.10 Chicony Electronics Co., Ltd
13.10.1 Business Overview
13.10.2 Products Offered
13.10.3 Recent Developments
13.11 Toshiba Corporation
13.11.1 Business Overview
13.11.2 Products Offered
13.11.3 Recent Developments

14 Appendix
14.1 Insights of Industry Experts
14.2 Discussion Guide
14.3 Introducing RT: Real-Time Market Intelligence
14.4 Available Customizations
14.5 Related Reports

List of Tables
Table 1 Image Sensors: Camera Modules Market Size, By Type, 2013-2020 (USD Billion)
Table 2 Camera Modules Market, By Region, 2013-2020 (USD Billion)
Table 3 Camera Modules Market Drivers
Table 4 Heavy Maintenance and High Cost of Camera Modules Hampering the Growth of the Camera Modules Market
Table 5 3D Motion Sensors for Indoor Navigation Provide A Key Opportunity for the Camera Modules Market
Table 6 Miniaturization of Image Sensor Chips for the Development of Image Sensors is A Key Challenge for the Camera Modules Market
Table 7 Camera Modules Market Size, in Terms of Value and Volume, 2013-2020
Table 8 Camera Modules Market Size, By Component, 2013-2020 (USD Billion)
Table 9 Camera Modules Market Size, By Component, 2013-2020 (Billion Units)
Table 10 Camera Modules: Image Sensor Market Size, By Type, 2013-2020 (USD Billion)
Table 11 Camera Modules: Image Sensor Market, By Type, 2013-2020 (Billion Units)
Table 12 Camera Modules: Image Sensor Market Size, By Application, 2013-2020 (USD Billion)
Table 13 Camera Modules: Image Sensor Market for Consumer Electronics, By Application, 2013-2020 (USD Billion)
Table 14 Camera Modules: Image Sensor Market, By Consumer Electronics Application, 2013-2020 (Billion Units)
Table 15 Camera Modules: CMOS Image Sensor Market Size, By Application, 2013-2020 (USD Billion)
Table 16 Camera Modules: CMOS Image Sensor Market Size, By Application, 2013-2020 (Billion Units)
Table 17 Camera Modules: CMOS Image Sensor Market Size, By Consumer Electronics Application, 2013-2020 (USD Billion)
Table 18 Camera Modules: CMOS Image Sensor Market Size, By Consumer Electronics Application, 2013-2020 (Billion Units)
Table 19 Camera Modules: CCD Image Sensor Market Size, By Application, 2013-2020 (USD Billion)
Table 20 Camera Modules: CCD Image Sensor Market Size, By Application, 2013-2020 (Billion Units)
Table 21 Camera Modules: CCD Image Sensor Market Size, By Consumer Electronics Application, 2013-2020 (USD Billion)
Table 22 Camera Modules: CCD Image Sensor Market Size, By Consumer Electronics Application, 2013-2020 (Billion Units)
Table 23 Camera Modules: Other Image Sensors Market Size, By Application, 2013-2020 (USD Million)
Table 24 Camera Modules: Other Image Sensors Market Size, By Application, 2013-2020 (Million Units)
Table 25 Camera Modules: Other Image Sensors Market Size, By Consumer Electronics Application, 2013-2020 (USD Million)
Table 26 Camera Modules: Other Image Sensors Market Size, By Consumer Electronics Application, 2013-2020 (Million Units)
Table 27 Camera Modules: Lens Module Market Size, By Application, 2013-2020 (USD Billion)
Table 28 Camera Modules: Lens Module Market Size, By Application, 2013-2020 (Billion Units)
Table 29 Camera Modules: Lens Module Market Size, By Consumer Electronics Application, 2013-2020 (USD Billion)
Table 30 Camera Modules: Lens Module Market Size, By Consumer Electronics Application, 2013-2020 (Billion Units)
Table 31 Camera Modules: Lens Module Market Size, By Consumer Electronics Application, 2013-2020 (USD Million)
Table 32 Camera Modules: Lens Module Market Size, By Consumer Electronics Application, 2013-2020 (Billion Units)
Table 33 Camera Modules: Other Components Market Size, By Application, 2013-2020 (USD Million)
Table 34 Camera Modules: Other Components Market Size, By Application, 2013-2020 (Million Units)
Table 35 Camera Modules: Other Components Market Size, By Consumer Electronics Application, 2013-2020 (USD Million)
Figure 7 Flow of Report Writing
Figure 8 Assumptions of the Research Study
Figure 9 Camera Modules Market Size, 2013-2020 (USD Billion)
Figure 10 Camera Modules Market, By Component, 2013-2020 (USD Billion)
Figure 11 Camera Modules Market, By Process, 2015 vs 2020 (USD Billion)
Figure 12 Camera Modules Market, By Application, 2015 vs 2020 (USD Billion)
Figure 13 Camera Modules Market, By Geography, 2015
Figure 14 The Camera Modules Market is Expected to Have A High Growth Rate
Figure 15 Automotive Application is Expected to Grow at the Highest CAGR Between 2015 and 2020 in the Camera Modules Market
Figure 16 Consumer Electronics Held the Largest Share of the Asia-Pacific Camera Modules Market, 2014
Figure 17 Asia-Pacific is Growing at the Highest CAGR in the Global Camera Modules Market
Figure 18 CMOS Image Sensors are Expected to Hold the Largest Share of the Image Sensors in the Camera Modules Market Till 2020
Figure 19 Flip-Chip Camera Modules Market is Expected to Grow at the Highest CAGR Between 2015 and 2020
Figure 20 Evolution of Image Sensors of Camera Modules in the Market
Figure 21 Camera Modules Market Segmentation: By Component
Figure 22 Camera Modules Market, By Pixel
Figure 23 Camera Modules Market, By Process
Figure 24 Camera Modules Market, By Application
Figure 25 Camera Modules Market, By Geography
Figure 26 Growth of Camera Modules in the Consumer Electronics Application and Enhancement in the Image Resolution are Driving the Camera Modules Market
Figure 27 Volume of Global Smartphone and Global Tablet Market, 2013 vs 2020 (Million Units)
Figure 28 Value Chain Analysis of Camera Modules (2014): Major Value is Added During Manufacturing and System Integration Phase
Figure 29 Value Chain Analysis of Image Sensors (2014): Major Value is Added During Designing and Manufacturing Phase
Figure 30 Recent Trends in Camera Modules Market
Figure 31 Roles of Image Signal Processor
Figure 32 Providers of Image Signal Processors
Figure 33 Porter’s Five Forces Analysis : Bargaining Power of Buyers Had A High Impact on the Camera Modules Market in 2014
Figure 34 Threats From New Entrants
Figure 35 Threats of Substitutes
Figure 36 Bargaining Power of Suppliers
Figure 37 Bargaining Power of Buyers
Figure 38 Degree of Competition
Figure 39 Segmentation of Camera Modules Market, By Component
Figure 40 Exponential Growth in the Consumer Electronics Market is Driving the Camera Modules Market
Figure 41 Image Sensors Leading the Camera Modules Market, By Component, in 2015 (USD Billion)
Figure 42 Types of Image Sensors
Figure 43 Camera Modules: Image Sensor Market Size, By Type, 2015 vs 2020 (USD Billion)
Figure 44 Camera Modules: Image Sensor Market Size, By Application, 2015 vs 2020 (USD Billion)
Figure 45 Camera Modules: Image Sensor Market Size, By Consumer Electronics Application, 2015 vs 2020 (USD Billion)
Figure 46 Camera Modules: CMOS Image Sensor Market Size, By Application, 2015 vs 2020 (USD Billion)
Figure 47 Camera Modules: CMOS Image Sensor Market Size, By Consumer Electronics Application, 2015 vs 2020 (USD Billion)
Figure 48 Camera Modules: CCD Image Sensor Market Size, By Application, 2015 vs 2020 (USD Billion)
Figure 49 Camera Modules: CCD Image Sensor Market Size, By Consumer Electronics Application, 2015 vs 2020 (USD Million)
Figure 50 Camera Modules: Other Image Sensors Market Size, By Application, 2015 vs 2020 (USD Million)
Figure 51 Camera Modules: Other Image Sensors Market Size, By Consumer Electronics Application, 2015 vs 2020 (USD Million)
Figure 52 Camera Modules: Lens Module Market Size, By Application, 2015 vs 2020 (USD Billion)
Figure 53 Camera Modules: Lens Module Market Size, By Consumer Electronics Application, 2015 vs 2020 (USD Billion)
Figure 54 Camera Modules: Other Components Market Size, By Application, 2015 vs 2020 (USD Million)
Figure 55 Camera Modules: Other Components Market Size, By Consumer Electronics Application, 2015 vs 2020 (USD Million)
Figure 56 Camera Modules Market, By Process
Figure 57 Manufacturing Process of Flip-Chip Camera Module
Figure 58 Manufacturing Process of COB Camera Module
Figure 59 Flip-Chip Camera Modules are Expected to Lead the Camera Modules Market, By Process, By 2020 (USD Billion)
Figure 60 Camera Modules Market, By Pixel
Figure 61 Camera Modules Market Size, By Pixel Count, 2013-2020, (USD Billion)
Figure 62 Applications of Camera Modules
Figure 63 Consumer Electronics Segment Leading the Camera Modules Market, By Application, in 2015 (USD Billion)
Figure 64 Smartphone Market is Expected to Lead the Consumer Electronics Application of Camera Modules By 2020 (USD Billion)
Figure 65 Camera Modules Market Size, for Consumer Electronics, By Component, 2015 vs 2020 (USD Billion)
Figure 66 Camera Modules Market Size, for Consumer Electronics, By Region, 2015 vs 2020 (USD Billion)
Figure 67 Camera Modules Market Size, for Smartphone, By Component, 2015 vs 2020 (USD Billion)
Figure 68 Camera Modules Market Size, for Smartphone, By Component, 2015 vs 2020 (USD Billion)
Figure 69 Camera Modules Market Size, for Tablet PC, By Component, 2015 vs 2020 (USD Billion)
Figure 70 Camera Modules Market Size, for Others, By Component, 2015 vs 2020 (USD Million)
Figure 71 Camera Modules Market Size, for Healthcare, By Component, 2015 vs 2020 (USD Million)
Figure 72 Camera Modules Market Size, for Healthcare, By Region, 2015 vs 2020 (USD Million)
Figure 73 Industrial Camera Modules Market Size, By Component, 2015 vs 2020 (USD Million)
Figure 74 Industrial Camera Modules Market Size, By Region, 2015 vs 2020 (USD Million)
Figure 75 Camera Modules Market Size, for Security and Surveillance, By Component, 2015 vs 2020 (USD Million)
Figure 76 Camera Modules Market Size, for Security and Surveillance, By Region, 2015 vs 2020 (USD Million)
Figure 77 Application of Camera Module in Automotive Sector
Figure 78 Camera Modules Market Size, for Automotive, By Component, 2015 vs 2020 (USD Million)
Figure 79 Camera Modules Market Size, for Automotive, By Region, 2015 vs 2020 (USD Million)
Figure 80 Camera Modules Market Size, for Aerospace and Defense, By Component, 2015 vs 2020 (USD Million)
Figure 81 Camera Modules Market Size, for Aerospace and Defense, By Region 2015 vs 2020 (USD Million)
Figure 82 Camera Modules Market Size, for Consumer Electronics, By Component, 2015 vs 2020 (USD Million)
Figure 83 Geographic Snapshot of Camera Modules Market: Rapidly Growing Markets Emerging as New Hot Spots
Figure 84 APAC Region is Expected to Hold the Largest Share of the Camera Modules Market By 2020
Figure 85 North America: Camera Modules Market Snapshot: Demand is Expected to Be Driven By Consumer Electronics Segment Till 2020
Figure 86 North America: Camera Modules Market Size, By Country, 2015 vs 2020 (USD Billion)
Figure 87 Europe: Camera Modules Market Size, By Country, 2015 vs 2020 (USD Billion)
Figure 88 Asia-Pacific Camera Modules Market Snapshot: China, the Most Lucrative Market in 2014
Figure 89 APAC: Camera Modules Market Size, By Country, 2015 vs 2020 (USD Billion)
Figure 90 RoW: Camera Modules Market Size, By Region, 2015 vs 2020 (USD Billion)
Figure 91 Companies Adopted New Product Development as the Key Growth Strategy Between 2012 and 2015
Figure 92 Cowell E Holdings Inc. Registered the Highest Growth Rate Between 2012 and 2014
Figure 93 Global Camera Module Market Share Analysis, By Top 4 Players, 2014
Figure 94 Market Evolution Framework—New Product Development Was the Major Strategy Adopted By Key Players
Figure 95 Battle for Market Ranking: New Product Developments Was the Key Growth Strategy
Figure 96 Geographic Revenue Mix of Top 5 Market Players (2014)
Figure 97 Competitive Benchmarking of the Major Market Players (2012-2014): Cowell E Holdings Inc. Had the Highest Growth Rate Owing to Its Diversified Product Portfolio in Camera Module
Figure 98 LG Electronics Inc.: Company Snapshot
Figure 99 LG Electronics Inc.: SWOT Analysis
Figure 100 Samsung Electro-Mechanics Co., Ltd.: Company Snapshot
Figure 101 Samsung Electro-Mechanics Co., Ltd.: SWOT Analysis
Figure 102 Sharp Corporation: Company Snapshot
Figure 103 Sharp Corporation: SWOT Analysis
Figure 104 Lite-On Technology Corporation: Company Snapshot
Figure 105 Lite-On Technology Corporation: SWOT Analysis
Figure 106 Cowell E Holdings Inc.: Company Snapshot
Figure 107 Cowell E Holdings Inc.: SWOT Analysis
Figure 108 Partron Co., Ltd: Company Snapshot
Ordering:

Order Online - http://www.researchandmarkets.com/reports/3439256/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Camera Modules Market by Component (Image Sensor, Lens Module), Process (Flip-Chip), Pixel, Application (Consumer Electronics, Security & Surveillance, Automotive, Aerospace & Defense, Industrial), and Geography - Global Forecast to 2020
Web Address: http://www.researchandmarkets.com/reports/3439256/
Office Code: SCISXHPW

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Single User:</td>
<td>USD 4650</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Site License:</td>
<td>USD 7150</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td>USD 9000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ______________________________________ Last Name: ______________________________________
Email Address: * __________________________________
Job Title: _______________________________________
Organisation: _____________________________________
Address: _________________________________________
City: _____________________________________________
Postal / Zip Code: _________________________________
Country: _________________________________________
Phone Number: ___________________________________
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World