

Global Image Sensors Industry 2012-2017: Trend, Profit, and Forecast Analysis, January 2013

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Abstracts

Annual revenue in the global image sensors industry revenue is forecast to reach an estimated \$10.5 billion in 2017, growing at a CAGR of 4.0% over the next five years. Technological evolution and emerging applications of image sensors are the primary drivers of demand. The industry must maintain a balance among technology, price, and quality to meet its biggest challenge.

Lucintel, a leading global management consulting and market research firm, has conducted a competitive analysis on the industry and presents its findings in “Global Image Sensors Industry 2012-2017: Trend, Profit, and Forecast Analysis.” The industry comprises establishments that are primarily engaged in manufacturing of CCD (charge-coupled device) and CMOS (complementary metal oxide semiconductor) image sensors across all price ranges, used mostly in digital cameras, camera modules, and other imaging devices such as medical equipment and aerospace. The industry report includes leading manufacturers by their segmental revenues.

As indicated in the study, the image sensors industry has good growth prospects during the forecast period. With improved performance in terms of image quality and lower noise, CMOS have opened up new opportunities for growth prospects within in the industry. X-ray imaging for large area scanning, 3-D imaging, and new applications such as disposable endoscope have generated opportunities for the CMOS image sensors. Emergence of BSI (back-side illuminating) technology for CMOS image sensors and other advanced features are expected to drive the market in future.

Maintaining the quality/price balance, along with high image quality at lower pixel size is the biggest challenge for the industry. To meet the challenge, companies are gradually moving toward a wafer level camera (WLC) approach.

This study provides an overview of the global image sensors industry, tracking two market segments of that industry across four geographic regions. Thus, eight segments of the global image sensors industry are tracked. The report studies manufacturers of CCD and CMOS image sensors, providing annual trend analysis that highlights market size, profit and cost structure for North America, Europe, Asia Pacific, and Rest of the World. The report also provides a forecast, addressing market opportunities for each of these regions.

This comprehensive guide from Lucintel provides readers with valuable information and the tools needed to successfully drive critical business decisions with a thorough understanding of the market's potential. This report will save Lucintel clients hundreds of hours in personal research time on a global market and it offers significant benefits in expanding business opportunities throughout the global image sensors industry analysis. In a fast-paced ever-changing world, business leaders need every advantage available to them in a timely manner to drive change in the market and to stay ahead of their competition. This report provides business leaders with a keen advantage in this regard by making them aware of emerging trends and demand requirements on an annual basis.

Contents

- 1. EXECUTIVE SUMMARY**
- 2. INDUSTRY DEFINITION AND SCOPE**
- 3. INDUSTRY OVERVIEW**
- 4. GLOBAL MACROECONOMIC OVERVIEW**
- 5. INDUSTRY TRENDS**
- 6. INDUSTRY FORECASTS**
- 7. EMERGING TRENDS**
- 8. CONCLUSIONS**

List Of Figures

LIST OF FIGURES

Chapter 3. Industry Overview

Figure 3.1: External forces shaping global image sensors industry

Chapter 4. Global Macroeconomic Overview

Figure 4.1: Global GDP growth rate trend

Figure 4.2: Global inflation rate trend

Figure 4.3: Global population growth rate trend

Figure 4.4: Global unemployment rate trend

Figure 4.5: Regional GDP growth rate trend

Figure 4.6: Regional inflation rate trend

Figure 4.7: Regional population growth rate trend

Figure 4.8: Regional unemployment rate trend

Chapter 5. Industry Trends

Figure 5.1: Global image sensors industry annual trend 2006-11 (US \$B)

Figure 5.2: Global image sensors industry regional trend 2006-11 (US \$B)

Figure 5.3: Global image sensors industry regional trend 2006-11 (%)

Figure 5.4: Global image sensors industry segment trend 2006-11 (US \$B)

Figure 5.5: Global image sensors industry segment trend 2006-11 (%)

Figure 5.6: Global image sensors industry quarterly trend 2010-11 (US \$B)

Figure 5.7: Global image sensors industry profitability trend 2006-11

Figure 5.8: Global image sensors industry revenue per employee trend 2006-11

Figure 5.9: Cost structure of global image sensors industry 2006-11

Figure 5.10: Cost structure in North American image sensors industry 2006-11

Figure 5.11: Cost structure in European image sensors industry 2006-11

Figure 5.12: Cost structure in Asia Pacific image sensors industry 2006-11

Figure 5.13: Top 5 companies vs. image sensors industry gross profit & net profit analysis 2011

Figure 5.14: Cash on hand for global image sensors industry 2006-11 (US \$B)

Figure 5.15: Cash on hand for global image sensors industry 2006-11 (%)

Figure 5.16: Asset for global image sensors industry 2006-11 (US \$B)

Figure 5.17: Assets for global image sensors industry 2006-11 (%)

Figure 5.18: Debt for global image sensors industry 2006-11 (US \$B)

Figure 5.19: Debt for global image sensors industry 2006-11 (%)

Figure 5.20: Industry shares of top players in global image sensors industry in 2006

Figure 5.21: Industry shares of top players in global image sensors industry in 2011

Figure 5.22: Global image sensors industry 2006 market share analysis

Figure 5.23: Global image sensors industry 2011 market share analysis

Chapter 6. Industry Forecasts

Figure 6.1: Global image sensors industry annual forecast 2012-17 (US \$B)

Figure 6.2: Global image sensors industry quarterly forecast 2012-13 (US \$B)

Figure 6.3: Global GDP growth rate forecast

Figure 6.4: Global inflation rate forecast

Figure 6.5: Global population growth rate forecast

Figure 6.6: Global unemployment rate forecast

Figure 6.7: Regional GDP growth rate forecast

Figure 6.8: Regional inflation rate forecast

Figure 6.9: Regional population growth rate forecast

Figure 6.10: Regional unemployment rate forecast

Figure 6.11: Global image sensors industry regional forecast 2012-17 (US \$B)

Figure 6.12: Global image sensors industry regional forecast 2012-17 (%)

Figure 6.13: Global image sensors industry segment forecast 2012-17 (US \$B)

Figure 6.14: Global image sensors industry segment forecast 2012-17 (%)

Chapter 7. Emerging Trends

Figure 7.1: Global image sensors industry opportunity by region

Figure 7.2: Global image sensors industry opportunity by segment

List Of Tables

LIST OF TABLES

Chapter 3. Industry Overview

Table 3.1: Industry parameters of global image sensors industry

Table 3.2: Relative industry attractiveness by region

Chapter 5. Industry Trends

Table 5.1: Regional revenue growth rate

Table 5.2: Segment revenue growth rate

Table 5.3: Percentage change in cost structure

Table 5.4: Percentage change in cash on hand

Table 5.5: Percentage change in total asset

Table 5.6: Percentage change in total debt

Table 5.7: Key companies by revenue growth

Table 5.8: Key companies by revenue decline

Chapter 6. Industry Forecasts

Table 6.1: Global image sensors regional forecast growth rate

Table 6.2: Global image sensors segment forecast growth rate

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