CCDs Hang Tight in Some Segments as CMOS Sensors Continue the March Toward Dominance

In-Stat

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CMOS image sensor unit shipments dominate over CCDs nearly 10 to 1 across all market segments, reports In-Stat http://www.in-stat.com [1]. However, excluding the nearly 1.3 billion CMOS camera phone image sensors, CCDs remain strong contenders across several application segments including digital still cameras, camcorders and video surveillance.

CMOS image sensors have captured low cost applications, such as PC cameras and toys, while CCDs have remained the dominant image sensor in higher end cameras. However, by 2013 CMOS will have surpassed CCDs across virtually every segment, including still cameras, camcorders and security cameras.

A worldwide image sensor shipment forecast graphic is available here: http://www.instat.com/charts/09/IN0904458MI.htm [2]

Recent research by In-Stat found the following:

- Among the many competitors in the image sensor market are Aptina, MagnaChip, OmniVision Technologies, Sharp, Sony, and Panasonic.
- CMOS sensors dominated image sensor shipments in 2008, with more than an 87% share.
- Embedded PC cameras will surpass digital still cameras to become the second-largest application for image sensors by 2011.
- CMOS will make up 62% of security camera image sensors by 2013.

This Market Alert is drawn from the In-Stat research, Image Sensors 2009: Camera Phones Continue to Dominate Shipments Worldwide ***[3]*** (#IN0904458MI), which covers the worldwide market for image sensors. It includes:

- Worldwide unit shipment forecasts for CMOS and CCD sensors through 2013.
- Worldwide image sensor forecasts by product category through 2013.
- Analysis of the markets for various sensor applications.
- Profiles of image sensor suppliers.

For more information on this research or to purchase it online, please visit: http://www.instat.com/catalog/mmcatalogue.asp?id=161 [4] or contact a sales representative: http://www.instat.com/sales.asp [5]
The price is $2,995 (US).

This research is part of In-Stat's Multimedia & Interface Technologies service, which identifies and forecasts the markets for key interface technologies and tracks penetration of these technologies into PCs, PC peripherals, consumer electronics, communications, automotive and industrial applications. It also examines competitors, industry agendas, technology platforms, semiconductor technology and shipments. Supply and demand-side insights are combined to examine these dynamic, evolving technologies.

Related In-Stat research:

Worldwide Cellular Subscription and Handset 5-Year Forecast [6]

A Tarnished Silver Anniversary for Handsets—Worldwide Handset and Semiconductor Forecast [7]

The Worldwide PMP/MP3 Player Market: Shipment Growth to Slow Considerably [8]

In-Depth Analysis: Global Cellular Video Devices: Internet Video Expands the Market [9]

More Information on this Research

- **Title:** Image Sensors 2009: Camera Phones Continue to Dominate Shipments Worldwide
- **Service:** Multimedia Interfaces [10]
- **Product Number:** IN0904458MI
- **Publication Date:** April 2009
- **Number of Pages:** 28
- **Price:** $2,995 USD
- Abstract, Table of Contents, Figures & Tables **[11]**
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