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OMNIVISION ROLLS OUT 1080P HIGH DEFINITION SENSOR FOR SECURITY AND SURVEILLANCE MARKETS

SANTA CLARA, Calif., — September 21, 2009 — OmniVision Technologies, Inc. (NASDAQ: OVTI), a leading developer of advanced digital imaging solutions, today introduced its 1080p high definition (HD) CMOS image sensor optimized for the mainstream IP camera and HD closed caption television (HDcctv) markets. The new OV2715 combines HD-quality video with industry leading low-light performance, making it particularly suitable for commercial security systems.

“The OV2715 is ideal for IP cameras requiring 1080p HD resolution and also for the emerging HDcctv market,” said Roy Karunakaran, senior product marketing manager at OmniVision. “As one of the first suppliers to offer a native 1080p HD sensor for the mainstream security market, OmniVision is ready for the industry’s move to this new format and prepared to support this developing industry requirement.”

Professional security installations with HD video capability are growing steadily due to the high quality image capture and detail they can record. Such HD surveillance systems are used predominantly in places where lighting conditions are often far from ideal. This makes image quality, low-light performance and dynamic range key drivers to the success of products for security and surveillance systems.

The 1/3-inch OV2715 is built on a 3-micron OmniPixel3-HS™ pixel, delivering best-in-class low-light performance of 3300 mV/(lux-sec) and a peak dynamic range of 69 dB. Such performance parameters allow the OV2715 to deliver high quality video surveillance even in the most challenging lighting conditions common to security applications such as lobbies, hallways, parking lots and garages.

The OV2715 is a no-compromise 1080p HD sensor that offers the HD video format with a display resolution of 1920 x 1080 pixels and operates at 30 frames per second. Competing 1080p HD video solutions are based on reducing high-resolution sensors to a 1080p display resolution through cropping or

merging pixels by binning. However, cropping reduces the field of view, while binning degrades image quality, color reproduction and picture sharpness. Furthermore, higher resolution sensors require a smaller pixel size to achieve the same optical format as the OV2715; and shrinking pixels generally degrades low-light performance, significantly reducing their ability to meet the requirements of security and surveillance applications.

Offering a zero degree chief ray angle, the OV2715 allows for the clearest possible picture and best-in-class image quality. The OV2715 is capable of operating within a temperature range of -30°C to +70°C, enabling its implementation in indoor and outdoor security and surveillance applications. OmniVision's OmniPixel3-HS pixel technology has already been proven in high quality surveillance applications and is also available in the 720p format in the OV9715.

Availability

The OV2715 is currently available for sampling with mass production scheduled to start in the fourth quarter of calendar year 2009.

About OmniVision

OmniVision Technologies (NASDAQ: OVTI) is a leading developer of advanced digital imaging solutions. Its award-winning CMOS imaging technology enables superior image quality in many of today's consumer and commercial applications, including mobile phones, notebooks, netbooks and webcams, security and surveillance, digital still and video cameras, automotive and medical imaging systems. Find out more at www.ovt.com.

Safe-Harbor Language

Certain statements in this press release, including statements regarding the expected benefits, performance and capabilities of, and the expected timeframe for volume production of the OV2715 are forward-looking statements that are subject to risks and uncertainties. These risks and uncertainties, which could cause the forward-looking statements and OmniVision's results to differ materially, include, without limitation: potential errors, design flaws or other problems with the OV2715, customer acceptance, demand, and other risks detailed from time to time in OmniVision's Securities and Exchange Commission filings and reports, including, but not limited to, OmniVision's annual report filed on Form 10-K and quarterly reports filed on Form 10-Q. OmniVision expressly disclaims any obligation to update information contained in any forward-looking statement.

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