



Media Contact:
Martijn Pierik
Impress Public Relations
602.366.5599
martijn@impress-pr.com

Company Contact:
Scott Foster
OmniVision Technologies
408.567.3077
sfoster@ovt.com

Investor Relations:
Brian M. Dunn
OmniVision Technologies
408.653.3263
invest@ovt.com

OMNIVISION RAISES THE BAR IN SECURITY IMAGING WITH SINGLE-CHIP COLOR HIGH DYNAMIC RANGE 720P HD CAMERA

OV10630 BRINGS HIGH-END IMAGING SOLUTION TO MAINSTREAM SURVEILLANCE MARKETS

SANTA CLARA, Calif., — April 21, 2010 — OmniVision Technologies, Inc. (NASDAQ: OVTI), a leading developer of advanced digital imaging solutions, today announced a new flagship image sensor for its security products portfolio -- the OV10630. The new system-on-a-chip (SOC) sensor combines 720p high-definition (HD) video with unparalleled low-light sensitivity and color high dynamic range (HDR) in a 1/2.7 inch optical format. Using OmniVision's proprietary new HDR processing technology, the new security sensor delivers 110dB dynamic range in black-and-white and 100dB + in color, providing clear, fully-processed YUV color HDR video output. By integrating a full image processing pipeline, the OV10630 accelerates time-to-market and reduces the system bill-of- materials.

The OV10630 design is based on a 4.2-micron OmniPixel3-HS™ pixel, enabling 720p HD at unparalleled low-light sensitivity. It captures detail-rich, HD-quality color video in any environment, including low-light scenes or high-contrast lighting conditions. Providing cost-effective, quality color imaging with greater detail is absolutely critical in today's security-centric world, making the OV10630 a very attractive solution for mainstream IP cameras and HD closed circuit television (HDcctv) systems.

“OmniVision's OV10630 brings a higher standard of quality to security imaging. It combines advanced pixel technology with proprietary new HDR image processing algorithms to enable a complete professional quality surveillance camera on a single chip,” said Roy Karunakaran, senior product marketing manager for security products at OmniVision. “Not many sensors on the market today can deliver color HDR images in HD format at the quality and cost of the OV10630. It provides a unique

opportunity for our customers to develop high-end camera solutions for the commercial and consumer IP and HDcctv camera markets.”

The OV10630 has an active array of 1280 x 800 pixels, providing 720p HD video at 30 frames per second. It supports a digital video parallel port, and provides full-framed or windowed 10-bit or 8-bit YUV and 18-bit RAW RGB output format with complete user control over formatting and output data transfer. It also offers all required automatic image control functions, including automatic exposure control, automatic white balance, automatic black level calibration, as well as defective pixel correction, gamma correction and lens shading correction. Camera functions are programmable through the serial camera control bus interface.

The OV10630 is now sampling, and is scheduled to enter mass production by the fourth quarter of 2010.

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, digital still and video cameras, security and surveillance, entertainment devices, automotive and medical imaging systems. Find out more at <http://www.ovt.com>.

Safe-Harbor Language

Certain statements in this press release, including statements regarding the expected benefits, performance, capabilities, and potential market appeal, as well as anticipated timing of mass production, of the OV10630 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 OV10630, 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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