



## OMNIVISION INTRODUCES THE OV3620: THE FIRST OF THE OMNIPixel™ GENERATION OF SENSORS

**SUNNYVALE, Calif. – August 24, 2004 – OmniVision Technologies, Inc. (Nasdaq: OVTI)**, a leading independent supplier of CMOS image sensors for high-volume imaging applications, today announced the introduction of the OV3620, the first product in OmniVision's new OmniPixel™ generation of image sensors. The OV3620 is a 3.2-megapixel, 1/2-inch system-on-a-chip that sets new milestones for imaging performance by achieving light sensitivity that is 100 percent better than traditional CMOS image sensors, while virtually eliminating image effects such as fixed pattern noise and dark current. The power of OmniPixel technology enables the OV3620 to take crystal-clear photographs with true, brilliant colors even in low-light conditions and hostile environments. OmniVision has begun delivering production volumes of the OV3620 to leading manufacturers of digital still cameras and video cameras.

“The OV3620 is a breakthrough product that does what no one thought possible: it combines the performance of high-end CCD sensors with the high efficiency and low cost of CMOS,” said Shaw Hong, OmniVision's president and chief executive officer. “Our new OmniPixel technology provides the best of everything. It offers spectacular resolution, light sensitivity, color fidelity and power efficiency in a small, integrated design that is rich with features such as autofocus, zooming, panning and mechanical shutter control. We believe that the OV3620 will win many converts from CCD in the digital camera market and establish a new standard for image quality. We will use our proven experience in design support, optical integration and high-volume production to help our customers rapidly deliver total solutions to the digital camera market. Next, we will use OmniPixel to deliver high-end camera performance to our partners in the mobile phone market.”

The OmniPixel-powered OV3620 incorporates a 2040 by 1536-pixel array in a 1/2-inch chip that operates at 30 frames per second in digital video resolution (1024 by 511 pixels), and at up to 78 frames per second in high frame rate resolution (1024 by 190 pixels). The OV3620 is a complete system-on-a-chip that supports functions such as automatic focus, zooming, panning, mechanical shutter control, automatic exposure control, automatic gain control, automatic white balance, windowing, and black level calibration and is easily programmable through a serial interface. For images that are consistently clear and sharp, it features OmniVision's proprietary embedded algorithms that eliminate effects such as smearing and blooming. The OV3620 requires only 150 milliwatts of power operating at full resolution. It outputs 10-bit raw image data and fits into an image module that is only 14.22 millimeters square and 2.23 millimeters high.

### **About OmniVision**

OmniVision Technologies designs and markets high-performance semiconductor image sensors. Its OmniPixel and CameraChip products are highly integrated single-chip CMOS image sensors for mass-market consumer and commercial applications such as mobile phones, digital still cameras, security and surveillance systems,

interactive video games, PCs and automotive imaging systems. Additional information is available at [www.ovt.com](http://www.ovt.com).

OmniVision, CameraChip and OmniPixel are trademarks of OmniVision Technologies, Inc.

**Safe-Harbor Statement**

*Certain statements in this press release are “forward-looking statements” as defined in the Private Securities Litigation Reform Act of 1995 and are subject to risks and uncertainties. These risks and uncertainties, which could cause the forward-looking statements to differ materially from actual events, include, without limitation, the manufacture and delivery of new products that meet customer requirements, latent defects, design flaws or other problems with OmniPixel technology, the performance and quality of OmniVision’s technology relative to other technologies, and the 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 on Form 10-K and its quarterly reports on Form 10-Q. OmniVision disclaims any obligation to update information contained in any forward-looking statement, whether as a result of new information, future events or otherwise.*

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