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OMNIVISION UNVEILS TRUE SINGLE-CHIP CMOS ALTERNATIVE TO CCD SURVEILLANCE CAMERAS

SUNNYVALE, Calif. — September 12, 2005 — At the ASIS International Show in Orlando, Florida (September 12 – 14) today, OmniVision Technologies, Inc. (NASDAQ: OVTI), the world's leading supplier of CMOS image sensors, introduced the advanced OV7950 CMOS image sensor developed specifically for CCTV/video monitoring security systems. The highly integrated OV7950 image sensor video camera packs a high level of functionality into a ¼ inch sensor using only one 3.3 volt DC power supply.

The OV7950 image sensor is ideal for applications requiring a small footprint, low voltage, low power consumption and high-performance video camera. A black and white version (OV7451) is also available. Both devices support NTSC composite video output and can directly interface with a TV monitor or other device with 75 Ohm composite video loading. Designed specifically for automotive and security applications, the OV7950 and OV7451 image sensors perform exceptionally well in low light conditions (approximately 1 lux) and operate in a wide temperature range from minus 40ºC to plus 85ºC.

"This very small ¼ inch single chip NTSC camera underscores OmniVision's commitment to meeting the low-light performance requirements of today's surveillance camera applications," said Hasan Gadjali, Vice President of the Advanced Product Business Unit at OmniVision Technologies. "Its smaller size, compared to its predecessor, the OV7940, enables us to provide the same performance solution at a lower cost to our customers."

A new windowing feature in the OV7950 image sensor allows customers to adjust their camera setup by moving the sensitive area of the camera by a few pixels in a horizontal and vertical direction, a feature that is very useful in fine tuning the viewing window and angle of fixed position cameras.

The OV7950's image sensor Genlock function allows the synchronization of two or more video sources, such as cameras that directly communicate with a control system**.** This feature allows for the development of

very affordable closed-circuit security monitoring systems that are simple to set up for consumers and small businesses and are less expensive than systems currently available.

In addition to its important security applications, the new OV7950 image sensor also has significant potential in the automotive market. It features a dual dynamic overlay function, allowing for both a dynamic and static visual aid layer (text or graphics) within the image. These are especially useful for reference frames and guides in backup cameras for cars and trucks or for text features in security camera systems to identify each camera location individually.

Similar to the OV7940, the OV7950 image sensor will be submitted for full AEC-Q100 certification for automotive applications. The product is available in a 48-pin CLCC and QFP lead-free package. Samples of the OV7950 are available now. OmniVision expects volume production quantities to be available by the end of the fourth quarter of calendar year 2005. For additional information, visit www.ovt.com.

OmniVision will be demonstrating reference designs during the ASIS International Show at booth 1983.

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.

Safe-Harbor Language

Certain statements in this press release, including statements regarding the performance, capabilities and anticipated availability of and markets for OmniVision's OV7950 CMOS image sensors, and anticipated demand for products incorporating and markets for those products, 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 OV7950 CMOS image sensor; potential problems with the OV7950 that may result in a delay in its volume production; customer acceptance and demand for the OV7950; 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 most recent annual report filed on Form 10-K and quarterly report filed on Form 10-Q. OmniVision disclaims any obligation to update information contained in any forward-looking statement.

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