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Arecont Vision Debuts Innovative SurroundVideo® Omni Cameras

Unique Design Allows Image Sensors to Be Individually Positioned Over a 360° View



Chicago, IL (Sept. 24, 2013) – [Arecont Vision](http://www.arecontvision.com), the industry leader in [IP-based megapixel camera technology](#), is demonstrating a unique new addition to its highly touted line of SurroundVideo® cameras here at ASIS 2013. The new SurroundVideo® Omni Cameras feature four multi-megapixel sensors that can be individually adjusted to capture different fields of view within a full 360° range. This allows a single camera to provide detailed coverage of a wide area including the ability to provide views directly under the camera or multiple fields of view using a variety of different lens options.

The added versatility provided by SurroundVideo® Omni Cameras can replace the need for multiple cameras and reduces overall system costs. Arecont Vision's new SurroundVideo® Omni Cameras will be available in 5-megapixel (MP), 8MP, 12MP and 20MP configurations. For added versatility, the low-profile cameras will have multiple lens options available from 2.8mm up to 16mm.

“There's no doubt that multi-sensor SurroundVideo® megapixel cameras deliver superior coverage capabilities and greater cost-efficiency as users around the globe have documented with real-world deployments,” said Raul Calderon, Senior Vice President, Arecont Vision. “Our new SurroundVideo® Omni Cameras set a new benchmark in wide area surveillance by simultaneously focusing on multiple areas of specific interest within a scene using a single camera solution. The performance and cost advantages of Arecont Vision multi-sensor cameras are clearly superior to using multiple or pan-tilt-zoom cameras for wide area surveillance.”

Arecont Vision's SurroundVideo® Omni Cameras feature the company's Wide Dynamic Range (WDR) technology in the 12MP configuration which delivers a dynamic range of up to 100dB at full resolution without lowering the frame rates. By combining long and short exposures in the same field-of-view, WDR maximizes the amount of detail in both bright and dark areas of a scene. The WDR performance of Arecont Vision cameras represents an up to 50dB improvement (300X) in dynamic range compared to conventional cameras.

SurroundVideo® Omni Camera features include dual H.264 (MPEG-4 Part 10) and MJPEG encoders, privacy masking, extended motion detection with 1,024 zones per channel and binning in 12MP and 20MP models for increased sensitivity in low light applications. Their IP66-rated environmental housing and polycarbonate bubble are vandal-resistant.

ABOUT ARECONT VISION

Arecont Vision is the leading manufacturer of high-performance megapixel IP cameras. Arecont Vision products are made in the USA and feature low-cost massively parallel image processing architectures MegaVideo® and SurroundVideo® that represent a drastic departure from traditional analog and network camera designs. All-in-one products such as the MegaDome®, MegaView®, MegaBall®, MicroDome™ and D4F/D4S/D4SO series provide installer friendly solutions. True Wide Dynamic Range (WDR) and remote focus/remote zoom

enhance camera utility. Compact JPEG and H.264 series of cameras address cost sensitive applications. These innovative technologies enable Arecont Vision to deliver multi-megapixel digital video at IP VGA camera price points.

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***EDITORS' NOTE:** Electronic files and photos are available upon request by emailing Vicki Hoffman at infusion advertising at vhoffman@ifadvertising.com.