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**EDITORIAL CONTACT**

Ashley Palermo / in | fusion

phone: 203-252-2173

fax: 203-252-2174

e-mail: [apalermo@ifadvertising.com](mailto:apalermo@ifadvertising.com)

website: [www.ifadvertising.com](http://www.ifadvertising.com)

## **Arecont Vision Unveils True Wide Dynamic Range Megapixel Cameras at IFSEC**

*With Dynamic Range Up to 100dB, New Cameras Provide Clear Images in  
High Contrast Light Conditions*



Birmingham, UK (May 14, 2012) – Arecont Vision, the industry leader in IP-based megapixel camera technology, announces a new selection of Wide Dynamic Range (WDR) cameras that can provide clear images in extreme light conditions containing both very bright and dark areas in the field of view. These new WDR cameras provide a low cost megapixel WDR solution for mainstream applications.

Arecont Vision's Wide Dynamic Range megapixel cameras provide a dynamic range of up to 100dB representing up to a 50dB improvement compared to traditional non-WDR cameras, which is equivalent to 300 times wider dynamic range. By combining long and short exposures in the same video frame, Arecont Vision's WDR line provides the greatest amount of detail in both bright and dark areas of the picture at the same time. In addition to providing the highest dynamic range 1080p and 3 megapixel cameras in the security industry, these cameras also deliver the industry's highest frame rates of 32 frames-per-second (fps) for 1080p high definition (Full HD) cameras and 21fps for 3 megapixel cameras.

Other features of Arecont Vision's new Wide Dynamic Range cameras include compact size, an H.264 (MPEG-4 Part 10) and MJPEG dual encoder, use of a binning technique to improve low-light performance, PSIA (Physical Security Interoperability Alliance) and ONVIF (Open Network Video Interface Forum) conformance.

"Wide dynamic range is a key challenge in many security and surveillance video installations, and our new line of cameras expands WDR technology to megapixel imaging," said Michael Korkin, Ph.D., Vice President of Engineering, Arecont Vision. "Combining megapixel and WDR demonstrates Arecont Vision's ongoing technology leadership and continuing commitment to offer products to the marketplace that boost overall system functionality, increase satisfaction for the end user customer and solve systems integrators' problems."

WDR cameras in the Arecont Vision lineup include the 1080p AV2116 and 3 megapixel AV3116 WDR cameras with day/night and auto-iris options. The true Wide Dynamic Range cameras share other important Arecont Vision features such as flexible cropping, bit rate control, multi-streaming, forensic zooming and Power over Ethernet (PoE) or auxiliary power (12-48vDC/24vAC).

## **ABOUT ARECONT VISION**

Arecont Vision is the leading manufacturer of high-performance megapixel IP cameras and associated software. 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™ and D4F/D4S/D4SO series provide installer friendly solutions. 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.

**\*EDITORS' NOTE:** Electronic files and photos are available upon request by emailing Ashley Palermo at in | fusion advertising at [apalermo@ifadvertising.com](mailto:apalermo@ifadvertising.com).