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**Arecont Vision Ships Industry's First 20 MP/180-Degree Day/Night  
Panoramic Camera**

*All-in-One SurroundVideo® Camera Replaces Up to 65 Conventional Cameras*



Orlando, FL (September 19, 2011) – Arecont Vision, the industry leader in IP-based megapixel camera technology, announces the start of volume production this month of the world's first 20 megapixel day/night panoramic camera providing a 180-degree field of view. The new all-in-one AV20185DN SurroundVideo® camera is a cost-effective solution for applications where mechanical pan-tilt-zoom (PTZ) devices might otherwise be used or where multiple cameras

would be needed to view expansive coverage areas. The higher-resolution panoramic view of the new 20 megapixel/180-degree H.264 camera can be used to replace up to 65 conventional cameras.

The newest SurroundVideo® camera represents Arecont Vision's third generation of panoramic megapixel cameras. Arecont Vision first introduced multi-sensor SurroundVideo® panoramic megapixel cameras in 2006, and continues to lead the industry in megapixel solutions including megapixel panoramic cameras. The SurroundVideo® camera line also includes a new 360-degree 20 megapixel camera that will be shipping in the near future.

"Our innovative 20 megapixel cameras set a new benchmark in panoramic video resolution and extend the functionality and ROI benefits of the technology even further," said Raul Calderon, Senior Vice President of Marketing, Arecont Vision. "The image definition of the new 180 degree panoramic 20 megapixel camera is something you really have to see to believe. Arecont Vision panoramic cameras enable users to view and record extremely wide fields of view while simultaneously digitally zooming in to multiple regions of interest, something a PTZ cannot do."

The market's first 20 megapixel panoramic camera provides a 180-degree panoramic view using four high-sensitivity 5 megapixel sensors, each offering a 2,592 x 1,944 pixel view at 11.5fps, for a total image area of 10,368 x 1,944 pixels at 2.8fps. The AV20185DN camera uses dual H.264 and MJPEG encoders for great flexibility depending on compression preferences. The panoramic camera also can be binned to 1.25 megapixels per sensor, increasing light sensitivity and frame rate.

Both the 180-degree and 360-degree SurroundVideo® 20 megapixel cameras offer standard hard in-ceiling mount or surface-mount configurations out of the box, plus wall and pendant mount using optional accessories. The units are available with day/night functionality and an integrated heater and blower. The IP66-rated environmental chassis and polycarbonate dome are vandal-resistant and eliminate the need for external housing. An easily adjustable 2 axis gimbal provides 360-degree pan and 90-degree tilt adjustment.

On-camera privacy mask enables video to be blocked in multiple regions in any desired shape. Extended motion detection provides a higher-granularity grid of 1,024 distinct motion detection zones per channel.

**For more information contact Arecont Vision by calling toll free 1-877-CAMERA-8, or visiting [www.arecontvision.com](http://www.arecontvision.com).**

## **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 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.

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