

Our next step: **PIXIM Technology**

Why use only one sensor to get video images in your camera, when you can make every pixel of this one a stand-alone camera?



Pixim technology is the last market solution to get clearest images without noise, more colors and details than any other technology used before. This technology uses every pixel independently, avoiding that little changes affect the complete image.

Light is no more a limitation to get real video images

Pixels in bright zone of the image are controlled individually to avoid overexposure, and pixels in dark zone are controlled individually to avoid underexposure, getting more original details from the focused area.



Using an analogical digital converter ADC in each pixel to make multiple samples we can determine the exposure levels of every pixel according to the rate of change of charge collected, rather than only by its absolute magnitude. And using the offset cancellation gain amplifier provided with each pixel we assure a uniform response throughout the sensor array reducing noise problems.

ONE MOMENT, ONE SHOT...

Pixim technology capture all the pixels simultaneously preventing changes on the image while the frame is taken, avoiding in that way images with appearance of motion that only give blurred images and add noise to the image that only increase the bandwidth used



Using each pixel as a unique component, you get digital values since the pixel itself according to the amount of light perceived by this one, preventing in that way that noise sources between the camera and the DVR's could affect the final image. When noise is eliminated, you minimize the storage requirement in DVR's, creating system and money savings.

REAL IMAGES = REAL PROFITS

- Forget overexposure and underexposure, No more loss of details.
- Outdoor, indoor, what's the difference? Pixim works in all enviroment
- Superior image quality owed to his accurate white balance and natural color
- Noise is not a problem for your storage devices
- Accurate images in all lightning conditions

Applications:

- **Financial Security** Banks, credits unión, ATMS, etc.



- **Industrial Security** Laboratories, Factories, warehouses, etc.



- **Gaming Security** Casinos, sports, etc.

- **School/Campus Security** University, schools, institutes, etc



- **Airport and Seaport Security** terminal passengers, luggage and cargo areas, exteriors, etc.
- **Train, bus and public transport Security**

