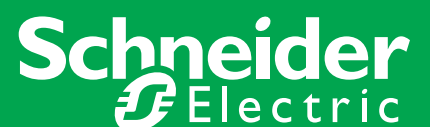


Sarix with SureVision – Delivering the Best Image Quality Day AND Night

November 2011

Make the most of your energy



Sarix with SureVision – Delivering the Best Image Quality Day AND Night

Many security cameras market themselves as “low light/wide dynamic range” (LL/WDR) cameras. These cameras are marketed as top-of-the-line cameras, offering benefit in the two most difficult security scenes. But are these cameras truly meeting customer needs?

Many scenes pose significant challenges to security cameras. Large dynamic ranges are frequently seen during daytime scenes. A classic example is a brightly lit area with dark shadows, perhaps from buildings or trees. Many of the current LL/WDR cameras handle this scene adequately **but only with wide dynamic range turned on manually.**

Low-light scenes are typical for outdoor cameras. These underlit scenes are often where security needs are the highest. Again, many currently available LL/WDR cameras do reasonably well in these scenes, providing usable images down to 1 lux and below, but only **when wide dynamic range is turned off manually.**



Sarix with SureVision (on the bottom) handles this WDR scene automatically.



Sarix with SureVision (on the bottom) handles this low-light scene automatically.



The Real World Problem

The drawback of current LL/WDR cameras becomes apparent when you need wide dynamic range and low light performance automatically in the same package. Bright, sunlit, large dynamic range scenes transition to low light every night. Very frequently, bright objects are present even in darker surveillance scenes, like the view of a license plate between the headlights of a car at night.

Current LL/WDR cameras are low light **or** wide dynamic range cameras. They force the customer or installer to pick which scene between wide dynamic range and low light they consider the most important, and lose potentially critical information when that selection does not match the scene at the current time of day. These lighting transitions occur unpredictably throughout the day and you cannot rely on manually changing modes to match the scene. Some competitors have separate products for low light and WDR, and would force you to install two cameras to cover situations where you encounter both lighting conditions. In these traditional, wide dynamic range implementations, using multiple exposures limits the length of the longest exposure dramatically, which in turn significantly impairs the low light performance of the camera.



Lower amounts of bloom allow resolution of details around lights better with Sarix with SureVision (on the bottom).



The SureVision Difference

With SureVision technology, the first true low light **and** wide dynamic range cameras are now available. The proprietary SureVision hardware and image processing solution permits optimized length of the longest exposure for low light performance, while also supplying the shorter exposures required to maintain best in class wide dynamic range performance. This in turn allows SureVision cameras to produce usable images in any situation, automatically, without any manual change in settings. This makes camera selection, installation and use simple for integrators and customers. It's one camera and one configuration no matter what the scene. No trade-offs required.

Next time you purchase or install a camera, be sure that you're not throwing away critical information by having a camera that only works for low light **or** wide dynamic range. Get the only camera that offers low light **and** wide dynamic range performance in the same package, Sarix with SureVision.

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