

Surveillance Systems that Work!™



Mega-Pixel IP Cameras

Most Closed Circuit Television camera companies are now producing Internet Protocol (IP) cameras some of which are capable of providing greater than 1,000,000 pixels (1-Mega Pixel) per video frame resolution. Now that's a sentence loaded with a whole lot of hidden detail. What does it all mean?

Simply stated, Mega-Pixel IP camera technology provides video imagery that is much higher resolution than anything obtainable with ANY traditional analog cameras. In most applications a combination of traditional analog and Mega-Pixel IP cameras makes the most application and economical sense.

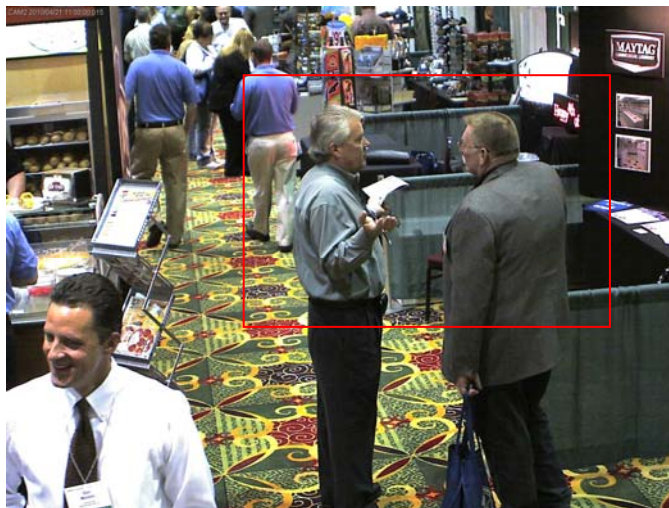
This means the 2.0 MP recorded image can be “ZOOMED IN ON” 5.25 times and the resulting view will be the same clarity as the originally recorded analog picture.

For example, the transaction zone of most convenience stores is typically the most important area in the facility. A single 2.0 MP camera (5.25x analog resolution) can replace 3-5 analog cameras thereby freeing up valuable system resources. That same store owner might consider replacing 2-3 traditional cameras with a single mega-pixel camera to cover his/her pumps against fuel drive-off perpetrators.

Often, a Picture IS Worth MORE Than a 1000 Words...

The photos (below) are untouched still images recorded on a **GuardDog Surveillance Systems** built, Hybrid DVR that was on display at a 2010 trade show...

MegaPixel Camera Technology – Post Recording Zoom Capability



BASE IMAGE – 2.0MP
Recorded at 1600x1200 pixels



ZOOMED IMAGE
Approx. 4X



ZOOMED IMAGE
Approx. 10X

As you can see from the dramatic example Mega-Pixel camera technology far exceeds anything that analog cameras can deliver.

Translate this post recorded zoom capability of **being able to uniquely identify** a perpetrator of a crime in your operation **vs. not being able to identify** the criminal at all and you understand what we consider – **A REAL BENEFIT!**

In Summary

IP camera technology does not make sense in every application but there is usually at least one location within every surveillance system that would significantly benefit from the use of an IP camera. It is more expensive and can require a special skill-set to work with effectively. While manufacturers of IP cameras will tout a lot more “benefits” than can be effectively realized, increased resolution and ease of use in hard to “get to” areas are the primary benefits of IP cameras.

If you found this article interesting, enlightening or you’re simply interested in learning more about how the technology might benefit you, please give us a call today to schedule a comprehensive consultation session with a **GuardDog Surveillance Systems** expert.

GuardDog Surveillance Systems
N3183 State Road 16-26
Juneau, WI 53039
(920) 342-0703
e-mail: bdowney@guarddogvideo.com