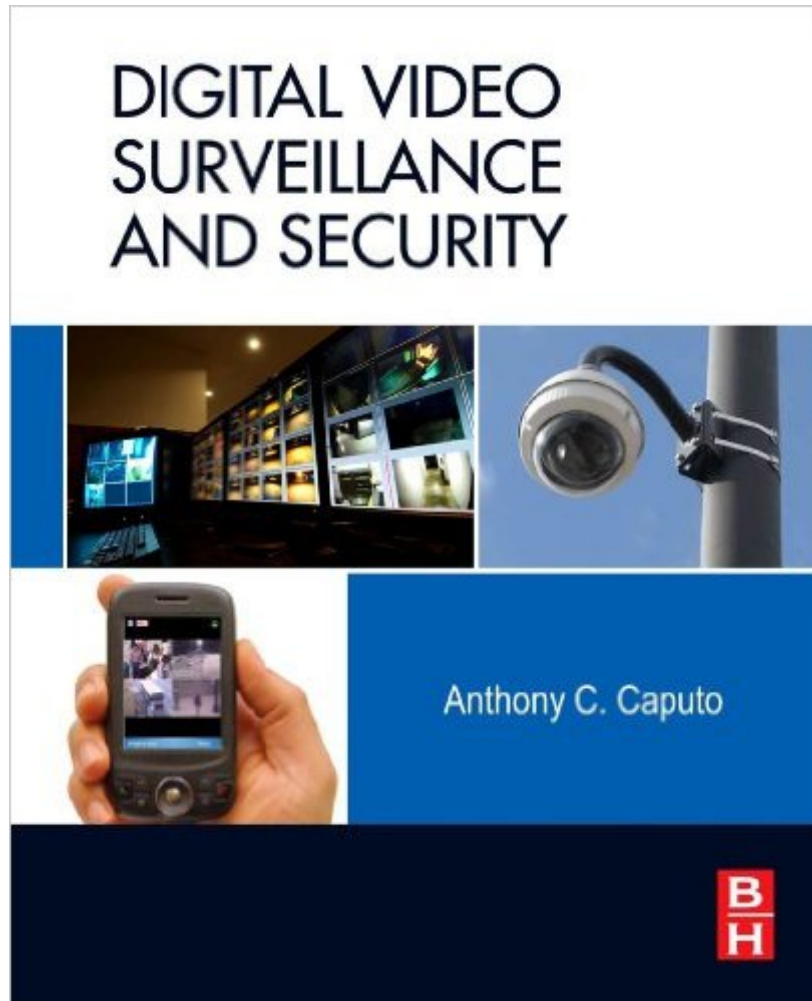


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# Digital Video Surveillance And Security



## Synopsis

Digital Video Surveillance & Security provides a blueprint for the IP-based electronic security system clients need, allowing security professionals to protect their client's place of business or home. The author gives detailed plans on the best camera position, areas of coverage, and hardware and software to select to maximize the effectiveness of newer lower-cost networked technologies. Clear, step-by-step descriptions and detailed illustrations describe the integration of such components as the current or new security system, door and window sensors, or other access controls, offering the capability of instantly launching a video of the area under surveillance on a computer or HDTV. Today's digital video surveillance solutions are networked, digitally archived, offering granular, managed accessibility from anywhere (any office, home, PDA, or a smart phone), and providing interoperability and simple scalability. With recent advances in technology, DVS is economically attainable for most businesses. Security consultants can use this information to guide their clients in making budget-friendly choices of design and equipment and assembling the optimal system for their needs. Systems installers can use this step-by-step illustrated guide to master this crucial new technology. \*Vendor-neutral comparisons of camera equipment and recording options\*Common sense approach\*Highly visual presentation\*Case studies and descriptions of best practices\*Step-by-step guides\*Easy to read diagrams and schematics

## Book Information

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## Customer Reviews

This may be the most accessible technical book I've ever used. I was interested in setting up multiple cameras, quality images, night capability and having enough information to understand the technical-economic tradeoffs. I was tempted to buy a catalogue system, but couldn't find anything that really seemed to do what I wanted. That's a viable solution if your requirements are simple and you don't care much about quality or long term storage. A professional was the next step, but even if I'd hired a pro, I wanted to know enough to make the decisions and manage the project. After reading this though, I decided to skip the expense and markup of a pro. No, the book doesn't make you a "pro" and I wouldn't take on anyone else's project. The book is divided into two parts, Part 1 is about choosing the equipment, Part 2 is about executing the project. Chapter 2&3 cover digital video overview and equipment, 3&4 cover wired and wireless networking; for me that was the value and substance of the book. Part 2 on the project execution is good, but by the time you've waded through Part 1, a lot of the implementation is obvious with a couple of important exceptions. For example, some of the technical issues that impact stored image quality are in part 2 rather than the earlier equipment chapters. The chapter on networking would make a terrific stand-alone synopsis for people who want a better understanding of the underlying principles. Caputo does an fine job of separating the wheat from the chaff. For example, the difference between a router and a switch is clear in two short paragraphs. These are observations, not criticisms. Some of the things Caputo includes seem to be a little on the elementary side and given the total context, some things seem to be missing.

Digital video surveillance (DVS) is a booming field and from what I gather, professionals in this area command consistently high hourly rates. Digital Video Surveillance And Security gave me enormous respect for the experts that design and implement these complex systems that leverage human labor. Author Anthony Caputo takes a project management approach. This gives us a good overview of every aspect DVS. Caputo brings many diverse real-life examples into this text. As he explains, each DVS project tends to be so unique that a project management approach is better than a standardized best practices approach. At the same time, he makes clear that getting the requirements right is a best practice in all applications. The book is organized in textbook style. Each

chapter has a distinct lesson followed by a summary. Flowcharts are used throughout the book, especially for troubleshooting systems. Lists and checklists are also provided. This book teaches the concepts that make DVS work as well as all the areas in the DVS body of knowledge. I learned how to choose hardware depending on the requirement. For example, you will select the cameras based on needs such as low-light capability, depth of field, ability to pan or zoom, power, weather conditions, audio capabilities and price. A table gives the range of camera prices to match needs. Other lessons include how to configure digital video encoders, how to select video cables and connectors, how to choose software, how to troubleshoot, how to survey a site and how to work with network topology. Archiving and storage as well as integration with the overall security system are covered. This is not a dry subject.

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