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Monitor Function; 2.2.6 The Recording Function; 2.3 Scene Illumination; 2.3.1 Natural Light; 2.3.2 Artificial Light; 2.4 Scene Characteristics; 2.4.1 Target Size; 2.4.2 Reflectivity; 2.4.3 Effects of Motion; 2.4.4 Scene Temperature; 2.5 Lenses; 2.5.1 Fixed-Focal-Length Lens; 2.5.2 Zoom Lens; 2.5.3 Vari-Focal Lens; 2.5.4 Panoramic-360degree Lens; 2.5.5 Covert Pinhole Lens; 2.5.6 Special Lenses; 2.6 Cameras; 2.6.1 The Scanning Process; 2.6.1.1 Raster Scanning; 2.6.1.2 Digital and Progressive Scan; 2.6.2 Solid-State Cameras
2.6.2.1 Analog2.6.2.2 Digital; 2.6.2.3 Internet; 2.6.3 Low-Light-Level Intensified Camera; 2.6.4 Thermal Imaging Camera; 2.6.5 Panoramic 360degree Camera; 2.7 Transmission; 2.7.1 Hard-Wired; 2.7.1.1 Coaxial Cable; 2.7.1.2 Unshielded Twisted Pair; 2.7.1.3 LAN, WAN, Intranet and Internet; 2.7.2 Wireless; 2.7.3 Fiber Optics; 2.8 Switchers; 2.8.1 Standard; 2.8.2 Microprocessor-Controlled; 2.9 Quads and Multiplexers; 2.10 Monitors; 2.10.1 Monochrome; 2.10.2 Color; 2.10.3 CRT, LCD, Plasma Displays; 2.10.4 Audio/Video; 2.11 Recorders; 2.11.1 Video Cassette Recorder (VCR)
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3.2.1.2 Indoor/Outdoor

Sommario/riassunto

This revision of the classic book on CCTV technology, CCTV Surveillance, provides a comprehensive examination of CCTV, covering the applications of various systems, how to design and install a system, and how to choose the right hardware. Taking into account the ever-changing advances in technology using digital techniques and the Internet, CCTV Surveillance, Second Edition, is completely updated with the recent advancements in digital cameras and digital recorders, remote monitoring via the Internet, and CCTV integration with other security systems. Continuing in th