

System Options

Many options and add-ons are available for CCTV systems. These options can help make the system more effective, easier to use, and more automated.

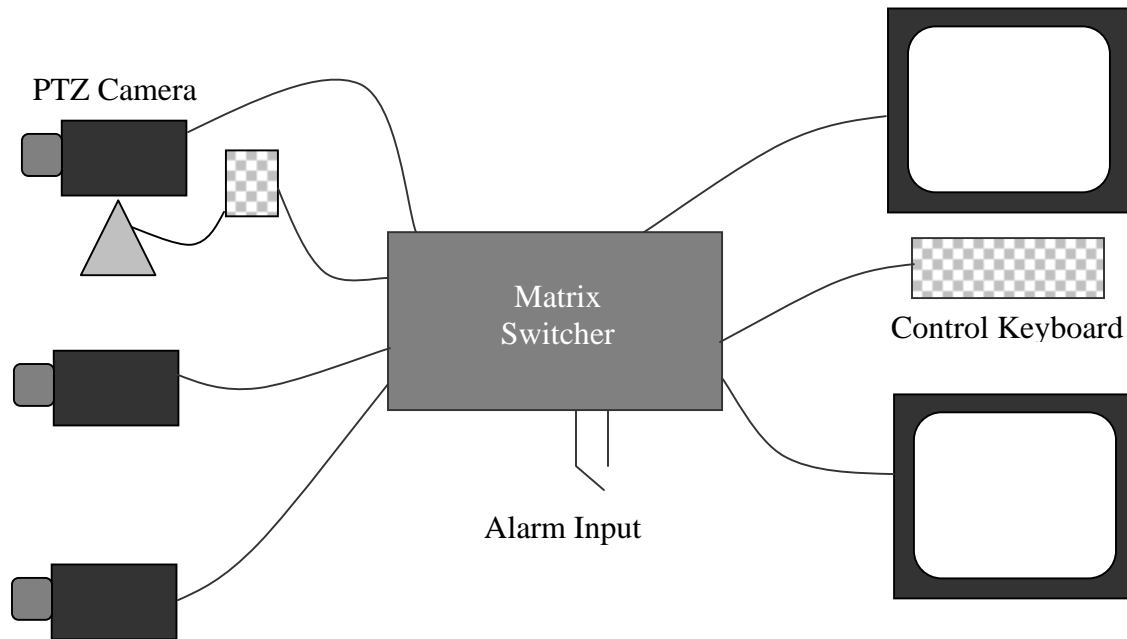
Matrix Switcher

A matrix switcher accepts multiple camera inputs and switches them to multiple camera outputs. Matrix switchers can add large amounts of functionality and sophistication beyond the capabilities of normal switcher. One useful feature of a matrix switcher is multiple users. Multiple operators can access the system at the same time, each controlling switching and viewing of their own cameras, all independent of each other. Each operator can be restricted to what cameras he can watch and control, and what monitors he can send video to.

Matrix switchers typically allow control of multiple positioning devices; again this can be operator restricted. Matrix switchers can have alarm inputs or communication ports to other devices and systems. These inputs or communications can cause specific cameras to be called up on specific monitors, activate relays to control other devices, or cause positioning devices to go to presets.

Guard tours can call up sequences of cameras on specific monitors based alarm inputs, keyboard commands, or timer functions. This allows a guard to surveillance the whole

facility without leaving the security office. A graphic user interface (GUI, commonly called a “goo-ee”) can display a map of the facility to show which camera is being controlled and where an alarm event originated.



This document is part of a complete book entitled:
CCTV System Design & Installation

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