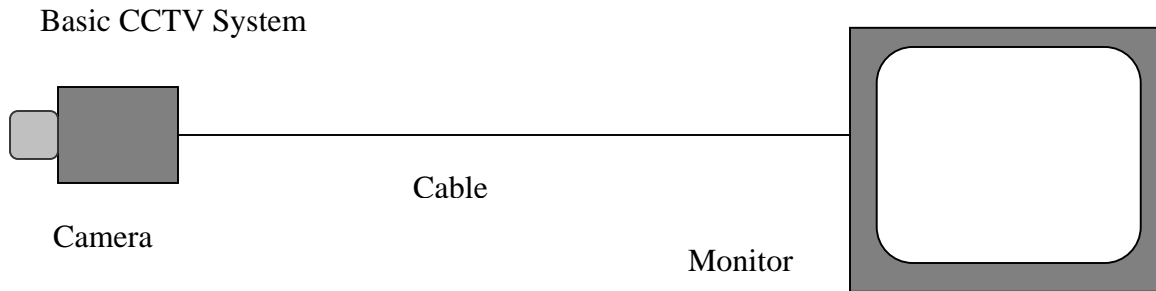


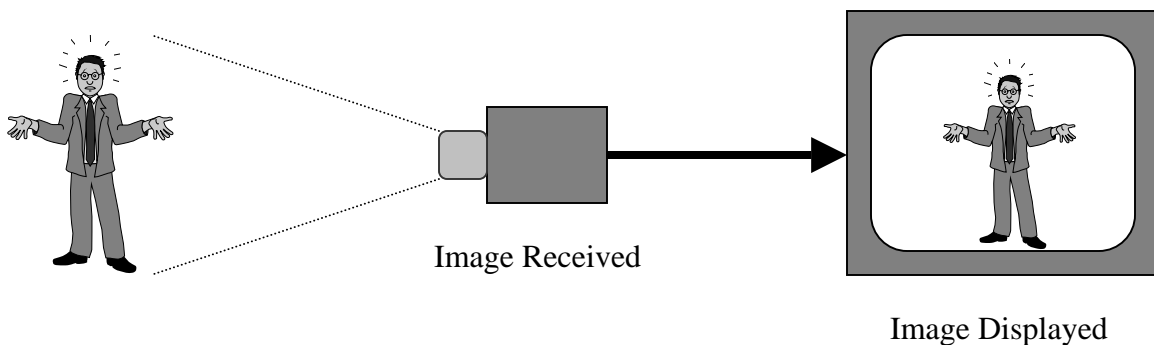
The Basic CCTV System



The camera samples light reflected from the scene, converts it into an electrical signal, and transmits it to the monitor. The signal is made up of frames of video with 525 horizontal lines of image information, each frame is made up of two fields with 262 ½ lines each. At the monitor, the fields are re-created line by line by charging the front of the picture tube. Each field is re-created separately and interlaced together to re-create the frame. At the end of the frame creation the tube is blanked and the process repeats.

The above process repeats 30 times per second.

How It Works



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

By Charles Aulner and Bryan McLane
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