

NAME: _____

Exercise #1

The Wireless Surveillance Camera

Design Problem:

This is the remote-controlled surveillance camera that pans and tilts for a range of motion unavailable in lesser cameras, and it sends crystal clear images and audio to a computer, allowing real-time monitoring from up to 330' away. Unlike cameras rooted in a fixed position, this one pans 270 degrees and tilts 120 degrees for an optimal field-of-view.

From SkyMall catalog www.skymall.com; Hammacher Schlemmer 74624



What you will do: You are to design a user interface for the computer that supports the basic functions of this camera.

On the two sheets provided:

- 1) Write your name on both sheets.
- 2) On the *Function Sheet*, specify what you think are the *core* functions of this camera. (Hint: One core function is panning the camera. Second hint: There are more than two!)
- 3) On the *Design Sheet*, sketch out a user interface to support at least 4 core functions.
- 4) Optional: You can create more than one design.

NAME: _____

Function Sheet

1.

2.

3.

4.

5.

NAME: _____

Design Sheet