Close Circuit Television

The next device we are going to look at today is the CCTV or the close circuit television. It’s a device that you can place a piece of paper, a box, a book, whatever it is that you are trying to look at underneath this device here. It has a camera built in this upper portion and it will project the image onto the screen. They come in a variety of different formats, this is a desktop CCTV here and this is a hand held CCTV here that we will look at later.

So the first thing that we are going to do is that we are going to turn the CCTV on. There is a on button for the lower portion and then a on button for the screen or the monitor. You can usually hook up any type of monitor you want. I know personally that I have a CCTV at home that the monitor is wider and thinner and it is adjustable. This one you can move it around to turn it so if you are working at a computer next to you, you can use both at the same time.

So we are going to put it in photo mode. So right here on this bottom portion is a sliding tray so this way you can use the document and you can trail across. Because if you’ve got it enlarged it’s not all going to fit on the screen at one time. And then there is locking mechanism on this bottom portion that allow you to lock the tray in a certain portion so it will only slide this far. And you can do that vertically as well over here as well with the knobs that you turn, and that way if you have a paragraph or if you have a column like a newspaper you can lock it to where it will only show the newspaper and you are not constantly getting lost around the page. So another option that you have here on the CCTV is the zooming dial. You can zoom out and it’s going to take a little while to adjust and catch up with you. There we are. Then you can zoom in pretty far. Like I said it’s going to take a little while to adjust and change the clarity of the picture.

Another option you have is to change the color contrast with this dial right here. And it’s going to change the color options as you go; actually now they are changing. So if you have a certain combination of colors that your eyes can focus on it will change to those as well. Those are your different options for color. Not only can you look at flat documents like this, this is just a piece of paper here.

We have also a phone book that we are going to look at. This CCTV came with this piece of glass and what this is going to be used for is to hold the book flat. So that’s one problem that we run into. I know looking at textbooks and things like that on the CCTV is if it is not lying flat it’s not in focus. So you can put this down as a little weight to hold your pages, or maybe if you’re not far enough into the book that it keeps wanting to flip close, it will hold it down for you. So like I said you can change the colors as you are going through here. You can zoom in and find
whatever you’re looking for. I’m not looking for anything specifically I’m just showing that you can use it on a book as opposed to just a piece of paper.

Also like I said you can use it for household items, I know personally at home I’ve put my remote control under there, my phone. If you get mail that’s great so you can use anything around your house; recipe boxes to find out how many eggs you put in this cake mix you can look at that. This is a game disc cover for a Wii game that we have here, so it can show you what’s on the cover and then also on the back and just the different color contrast which it’s something to get use to if you are not use to seeing things inverted and you can adjust that. The one thing that is great about the CCTV is that is allows you to look at pictures. If you have old photographs or something that you still want to be able to look at, and you can zoom in on people’s faces and you can see all the wrinkles and all the thing like that. So you get to see a lot of details that otherwise might not be assessable to you.

There is another version of the CCTV that more portable and that’s called the sense view or at least that is the version we have here. There are a number of different devices on the market but this is what we have here: the Sense View. And we are going to turn it on and it has a camera on the back and it is also lit, so if you obviously placing it on top of something it’s going to create some darkness so you need the light underneath so the camera can see what it’s looking at. It’s not really made to look around a room maybe like a binocular but it is more so for reading documents and printed texts. So we are going to look at this paper right here.

One of the options that this device has is a freeze frame option. So what I’m going to do is I am going to take a picture of this document and its frozen here on this screen. So it you are looking at something that is maybe down on a table that is either taped down or something that you can’t bring up to your level where you can look at it comfortably with good posture, you can freeze frame it and have it here. And you can adjust with the colors and the magnification as you have it up here as well. So this left button at the top will change our contrast for us just as the desktop CCTV did. And these buttons over here will allow us to zoom out and zoom in, and then our other button over here is out brightness and it changes as you cycle through the different levels of brightness. And there’s quite tones that are dinging as you are going through so you can audible hear at what level you are using this sense view at.