Manual for Z3:

Step 1:

Calibration:

* Select the Video Overlay window by clicking on the upper white bar where it says Video Overlay
* Than using your mouse click on one spot of the screen and than click on another spot. This should draw a red line.

\*\*\*As you right click option menu may appear from the window behind the Video Overlay window just ignore it and keep going. Than enter an amount in the calibration window. Than click calibrate.

Step 2 Creating a Workspace:

Creating a workspace. Before you can start using the software you must first create a workspace. To create the workspace, you go to file > New Workspace. Than save the file in the directory of your choose.

Step 3: Creating a Data Set

* The next step is to create a data set. A data set is necessary to save information about what your counting. To create one go to Data > New Data Set.
* The Select Data Set will appear. You can either add a new data or select an existing one from here. To add a new data set right click on the mouse and click New Data Set.
* A window named New Container will open. Here you can specify the type and the parent. If this is first time using the software parent will be greyed out because you haven’t added any animals yet. Once done click okay.
* You will now have Edit window open. This will allow you enter in information about the sample you have obtained.
* To edit locate the attribute you wish to edit and than go under the its corresponding value heading and click it. And than type what you want

Step 4: Adding countable

* Next before we start counting we must add things to count. To add a countable, go to Data > New Countable. Now you must add a genus first. So specify genus and click ok. Another Edit window will appear and than add the value you want and click ok. After the genus should appear in the Controls window below Measurement Type.
* Now you create any other countable following the same process.

Step 5: Counting

* In the controls window under Measurement Type click the start counting button.
* To count individuals, click the left mouse button. To record their length, you must do it immediately after.
* To record length right click to add a point. Than right click again and will have a line. Repeat the process to increase the length of the line. Keep in mind the line can go in any direction you want it to.
* Your last click should be using the left mouse click. The left mouse click will increase the line size but will stop making lines right after.