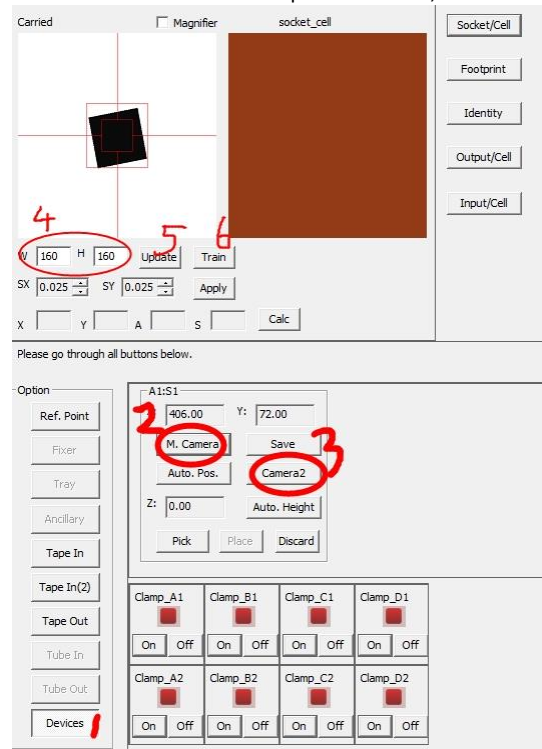




Home of Universal & Automated Systems

Vision Check – How to create a template

1: To create a template for Vision Check, please insert an IC into any socket adapter. (Socket adapter calibration should be completed first, such as Auto Height).



Select the Socket Adapter where the chip is inserted under Device (#1).
Now click M.Camera(#2) for the Nozzle to pick up the chip and bring it over to the upward camera.

Crosshair adjustment is now required (#4, #5 & #6)

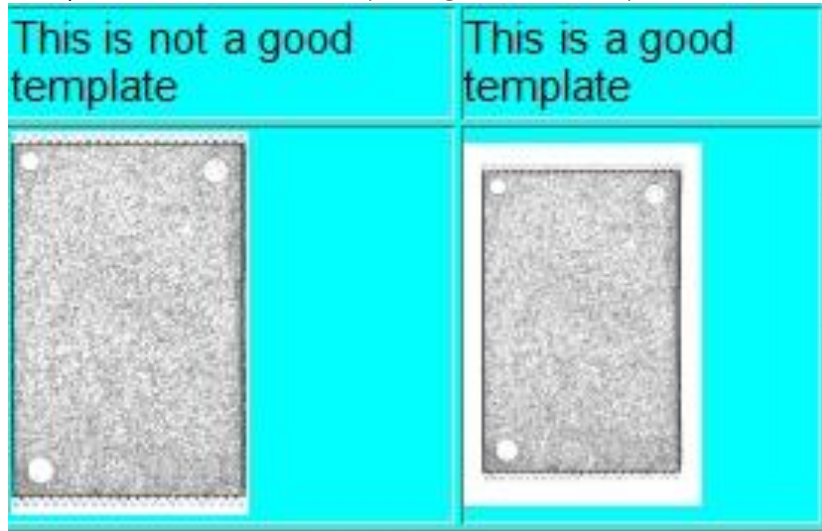
To adjust the crosshair, we will adjust the Width & Height and click update to resize it.

We want the chip to be perfectly in the rectangle.

Once you have the correct template click Train. This will capture a picture of the chip.

Tips:

1) Make sure that the chip's edges in the template is clear.



2) The background must be completely white, or it will highly fail vision check.

To adjust the background color, we want to adjust the camera's contrast.

Adjusting the contrast can be done on the Upward camera.

Please locate the upward camera inside the SBOT, depending on the SBOT model the adjustment is on the camera itself or a black module connected to the camera.

