Fecundation Menu:

While in the instalation mode:

Press 'd' for image threshold mode.

In this mode you can control the the treshold value for contour detection.

Pres 'c' for going to camera mode.

While in camera mode:

Pres 'z' for video camera settings.

Then you can adjust the brightness and contrast of the camera, and place it correctly.

Press '0' for going back to instalation mode.

Press 'd' for image threshold mode.

In this mode you can control the threshold value for contour detection.

You should adjust this value for the real installation time light conditions so you can see the people contours but not noise white points.

Press '0' for going back to instalation mode.

Press '6' for cropping camera image mode.

While in cropping camera image mode:

You can drag the cropping area corners to adjust

it to match the projection area.

The way I do it is using a small LED torch that someone hold in the corners of the projection area, one by one, and making match the points whit those corners.

Press 's' to save the cropping configurations

IMPORTANT !!, if you don’t do that , the corner new positions wont be saved.

Press '0' for going back to instalation mode.

Press 'n' for contours detection mode.

While in this menu you can set the minimum and maximum area of the contours captured by openCV.

There is another key that let you change the values, but it wont be necessary I think.

Press '0' for going back to instalation mode.

Press 'g' for Dynamic Background mode.

In this mode you can change the how objects that stay in the scene and integrated in the background image and filtered from the contour detection.

You can play whit the values, but I thin is all right, like I send it to you.

Press 's' for saving the configurations.

Press '0' for going back to instalation mode.

Press 'esc' for quiting the instalation.