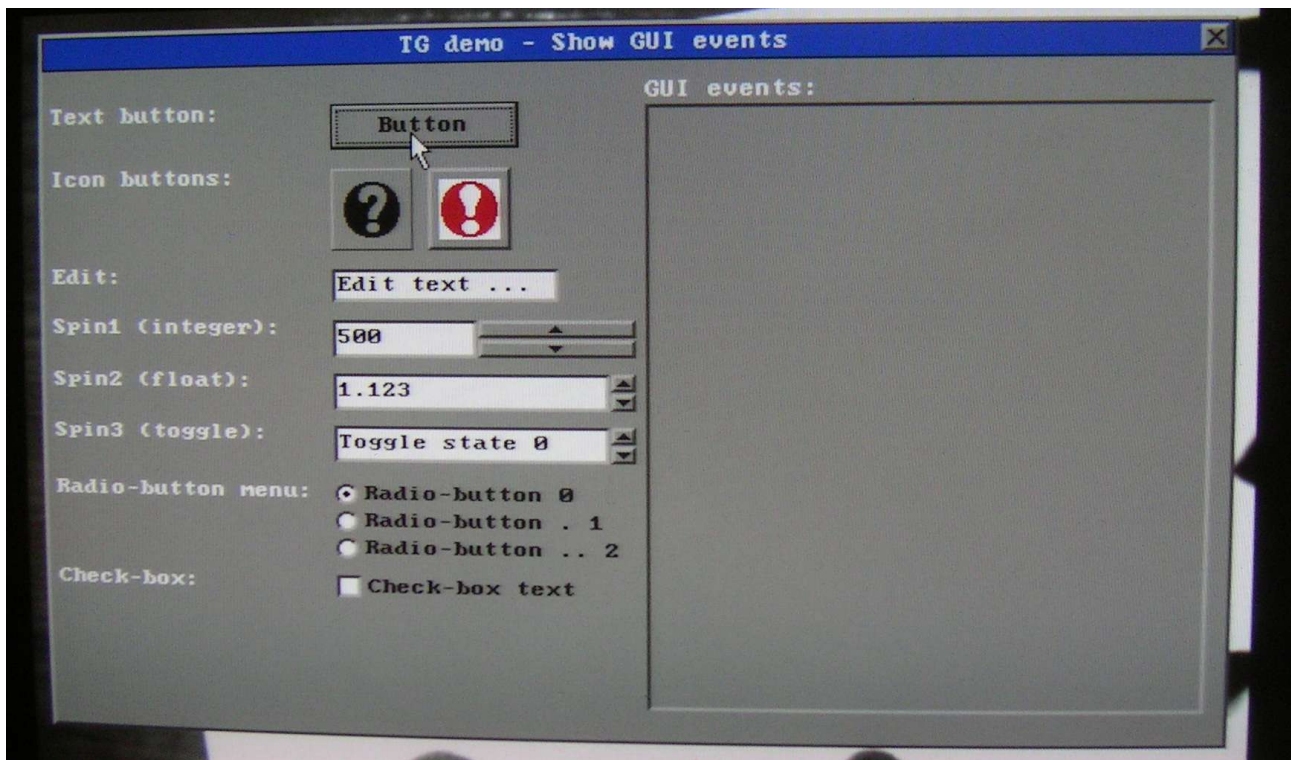


Thank you for your interest in our 3D GUI module. This document will show you step-by-step how to load and start the demo programs on your camera. Before continuing please make sure, that you have the camera connected to your PC and to an external monitor. You should be able to see the monitor, connected to the camera's video out while working on your computer.

TEV.MSF

This demo program's purpose is to show all available in the module controls and show you how events are handled. No actual image-processing is done.

1. Start the supplied terminal program – attoTerminal
2. Choose the appropriate connection method and fill in the required details.
3. Click “**Connect**” and wait for the terminal to connect to the camera.
4. Click “**Upload MSF**”
5. Navigate to the folder where you have extracted the examples and select TEV.MSF
6. Click “OK” and wait for the upload to finish.
7. In the command prompt type *tev* and press “**Enter**”
8. Press **Alt+M** to capture the mouse.



Now you should be able to see something similar to the image above. Use your mouse to explore the sample interface. On the left side you see a number of controls and on the right side there is a list box, showing you what happens when you click a control.

When you click on the button marked with an exclamation mark, a child window will appear.

Since all windows are modal you should close it in order to continue exploring the UI.

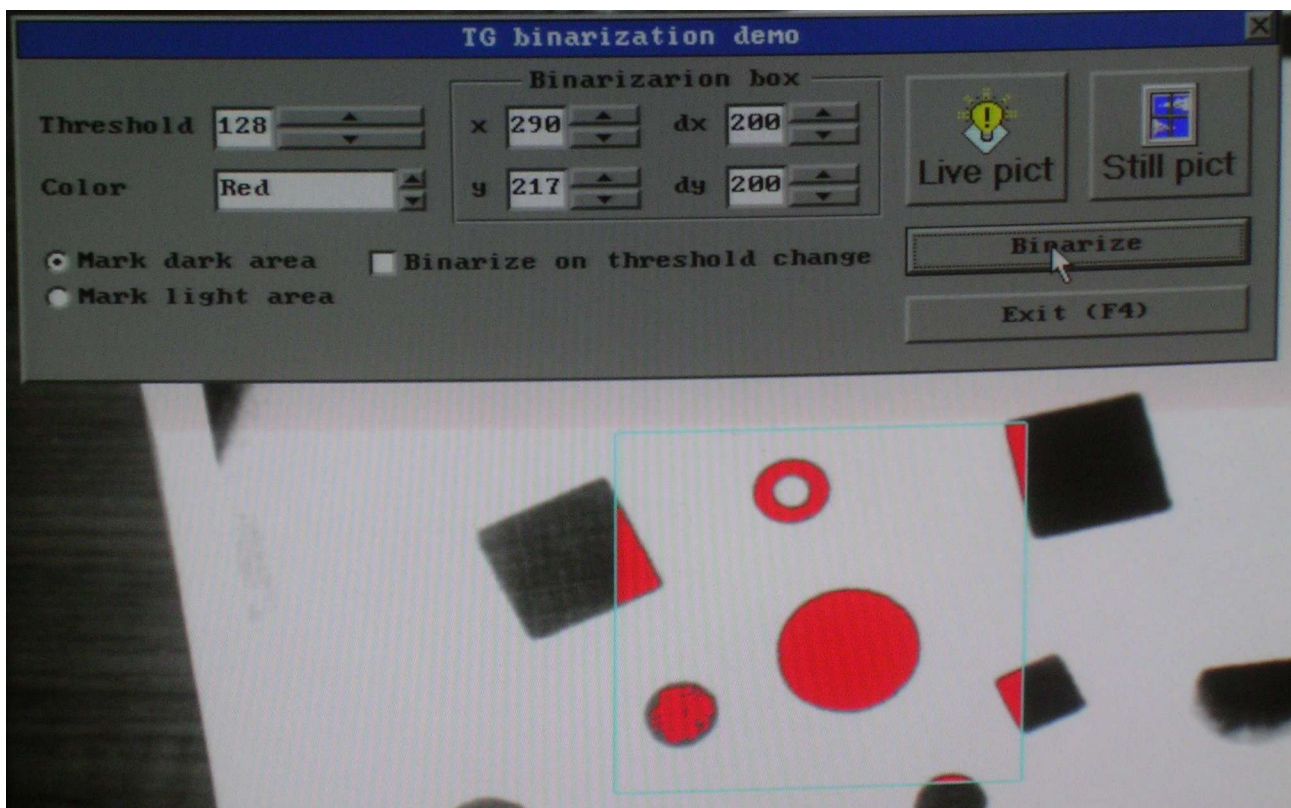
To see an example of the virtual keyboard click the text box “**Edit text...**” or any other enabled text box. For example, you can change the values of the Spin1 and Spin2 not only using the respective spin buttons but also using the virtual keyboard. To do so just click the text box itself instead of clicking any of the spin buttons.

You can see the source for this demo program in file TEV.C.

TGBIN.MSF

This demo program is an example of how the 3D GUI module may be used to develop user interface for a simple binarization. The user can change few parameters during run-time and instantly see the result.

1. Start the supplied terminal program – attoTerminal
2. Choose the appropriate connection method and fill in the required details.
3. Click “**Connect**” and wait for the terminal to connect to the camera.
4. Click “**Upload MSF**”
5. Navigate to the folder where you have extracted the examples and select TGBIN.MSF
6. Click “OK” and wait for the upload to finish.
7. In the command prompt type *tgbin* and press “**Enter**”
8. Press **Alt+M** to capture the mouse.



You should now be able to see the window of the demo program. Please note, that the background image you see will be different from the one shown on the image above.

You can now experiment with changing some of the parameters and clicking “**Binarize**” to see the difference.

The source of this demo program is in file TGBIN.C.