

Please follow the procedures below to setup the demonstration:

1. Make sure the DE10-Lite is powered off.
2. Connect the D8M-GPIO onto the 2x20 GPIO expansion header of the DE10-Lite.
3. Connect the DE10-Lite USB-Blaster USB-B port to the PC USB Port with a USB Cable.
4. Connect the VGA output of the DE10-Lite to a LCD monitor.
5. Power on the DE10-Lite FPGA Development Board.
6. Make sure Quartus II 16.0 and NIOS II 16.0 are installed on your system.
7. Execute the demo batch file "test.bat" under the batch file folder "demo\_batch".
8. The LCD monitor will start showing the video captured from the camera.
9. Press KEY0 to trigger the autofocus function.
10. Press KEY1 to trigger the zoom in function.
11. For more information about this demonstration, please refer to the the D8M-GPIO manual.

