# FLI ProLine 4022 Setup Documentation

## 1. Overview

This guide provides a step-by-step process to install and configure the Finger Lakes Instrumentation (FLI) ProLine 4022 CCD camera on a Windows machine. It follows documentation available at the official FLI support page: https://www.flicamera.com/support/support.php

## 2. System Requirements

• A Windows PC (Windows 7, 8, 10, or 11, 64-bit preferred)  
• USB 2.0 or compatible port  
• External power supply for the camera  
• Internet connection for downloading drivers and software

## 3. Software Installation

Step 1: Uninstall any previous FLI software if installed.  
Step 2: Download the FLI Software Installation Kit from the FLI support site.  
• 64-bit Windows: https://www.flicamera.com/software/FLI\_Software\_Installation\_Kit\_64bit.exe  
Step 3: Run the installer and follow the on-screen instructions.  
Step 4: After installation, restart the computer if prompted.

## 4. Connecting the Camera

Step 1: Connect the ProLine 4022 camera to your PC using a USB 2.0 cable.  
Step 2: Connect the 12V power supply to the camera.  
Step 3: Turn on the power source. The camera's fan should spin up.  
Step 4: Windows should recognize the device and finish driver installation automatically.

## 5. Capturing Images with FLIGrab

Step 1: Download FLIGrab from the FLI support page.  
Step 2: Launch FLIGrab after installation.  
Step 3: Select your connected camera from the device list.  
Step 4: Set exposure time and parameters.  
Step 5: Click the capture button to take an image.  
Step 6: Save the image from the file menu.

## 6. Optional: SDK for Custom Development

If you plan to control the camera using Python, LabVIEW, or MATLAB:  
Step 1: Download the open-source FLI SDK from the support site.  
Step 2: Follow the included documentation to integrate with your development environment.  
• For Python, ensure proper bindings and device permissions are configured.

## 7. Reference

All information and resources are available at the official support site:  
https://www.flicamera.com/support/support.php