

For additional information about the DALSA QuickCam application or for Product Support, contact us at:

**Address** 605 McMurray Road, Waterloo, Ontario, Canada N2V 2E9

**Voice** Worldwide (519) 886-6000  
Europe +49.8142.46770  
Asia Pacific +813.5960.6353

**Fax** (519) 886-2230

**E-mail** Product Support ([support@dalsa.com](mailto:support@dalsa.com))

Worldwide Sales ([sales.americas@dalsa.com](mailto:sales.americas@dalsa.com))  
European Sales ([sales.europe@dalsa.com](mailto:sales.europe@dalsa.com))  
Asia Pacific Sales ([sales.asia@dalsa.com](mailto:sales.asia@dalsa.com))



## Spyder3 GigE Quick Start Guide

03-32-10182-03



**Welcome to the Spyder3 GigE camera and DALSA QuickCam Quick Start Guide. With the QuickCam application, you can begin imaging with your Spyder3 GigE camera quickly and easily.**

Before you begin, ensure that you have:

1. Camera power cable.
2. Cat 5 or Cat 6 Ethernet cables.
3. Intel PRO/1000 Ethernet card. Other gigabit Ethernet cards can be used but cause slower data transmission.
4. A computer with the following minimum requirements:
  - Processor: AMD Athlon XP 2000+ or Intel 2.0 GHz
  - Memory: 512 MB DDR RAM PC2700
  - Motherboard: Mid-end without embedded graphic card
  - VGA card: Nvidia GForce 2 or better (ATI not recommended)
  - Operating System: Windows 2000 (SP4) or Windows XP
5. Other necessary components of your system, including light sources, camera mounts, lenses, encoders, etc.

**Where to Find More Information**

- To view the QuickCam documentation, including a user's manual, a driver manual and SDK documentation, point to **Programs—DALSA QuickCam—Documentation**.
- The QuickCam GUI provides context sensitive help on all dialog boxes, providing descriptions of specific fields as well as conceptual information related to those fields.

For context sensitive help, place your cursor in the field where you want more help and press **F1**.

or

Click the **Help** button on the tab in QuickCam where you want more information.

- For the complete Help, select **Help—QuickCam Help** on the QuickCam menu bar. You can find topics from the Help by using the table of contents and search tool.

3

**Install QuickCam driver.**

1. **Open the Driver Installation Tool.** On the Windows task bar click **Start**, point to **Programs—DALSA QuickCam—Tools— Launch Driver Installation Tool.**
2. If you are using an **Intel PRO/1000 adapter:**
  - a) On the **Pro 1000 Adapters** tab, right click on an Intel PRO/1000 network interface card adapter with no installed driver (i.e. when the Device Class is Ethernet Controller).  
The following context menu appears:  

  - b) Choose **Install High Performance IP Device Driver** to install the QuickCam High Performance IP Device Driver.

If you are **NOT** using an **Intel PRO/1000 adapter:**

- a) On the **Universal IP Filter Driver** tab, click, **Install Filter Driver...** This button installs the QuickCam Universal IP Filter Driver on ALL network adapters installed on the system that are using a network driver. This excludes PRO/1000 adapters on which the QuickCam High Performance Driver has been installed.



4

**Connect GPIO connector.**

If using an external sync, external direction control or any other external signals, connect the GPIO.



5

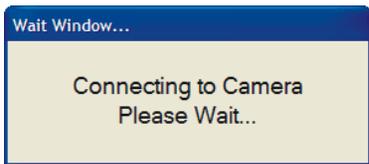
**Connect Ethernet cable.**

Connect Cat 5 or Cat 6 cable from camera to computer Ethernet jack.

6

**Connect power cable.**

Connect power cable from camera to +12 V to +15 V power supply.



7

**Open QuickCam.**

On the Windows task bar click **Start**, point to **Programs—DALSA QuickCam—DALSA QuickCam**.

8

**Camera auto-detection.**

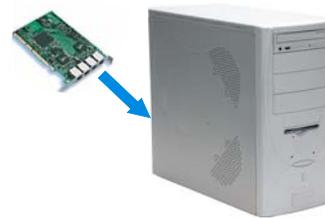
Wait while QuickCam automatically detects your camera.

9

**Start acquiring images.**

On the QuickCam toolbar, click the **Continuous Grab** icon. The image should be visible in the Image Output window.

## Spyder3 GigE Quick Set-Up Instructions



1

**Install Ethernet card.**

Following the manufacturer's instructions, install an Ethernet card. For Gigabit performance, you must install an Intel PRO/1000 Ethernet card.

**⚠ Do not install the manufacturer's driver.** You will install the appropriate QuickCam driver in step 3.

2

**Install QuickCam GUI.**

Insert the **Spyder3 GigE CD** into your CD-ROM and follow the online instructions to install the QuickCam GUI.



