# How to acquire images in Cognex VisionPro QuickBuild with an IDS GigE Vision camera

This application note shows how to acquire images with an IDS GigE Vision camera and the Cognex VisionPro software.

## Install Cognex VisionPro software

Please ensure that the Cognex GigE Vision Configurator and VisionPro QuickBuild are installed completely on your system.

You can find the download for the latest version of Cognex VisionPro software at the following link: http://www.cognex.com/Support/VisionPro/Software.aspx

Please consider that this software is not for free. Therefore, a valid license is required to run the software after the trial period has expired. For more information on this topic please contact Cognex.

## Camera configuration via Cognex GigE Vision Configurator

After installing the VisionPro Software launch the Cognex GigE Vision Configurator Tool to assign IP addresses to your network adapter and your GigE Vision camera.

A detailed users guide can be found under the following link: https://www.cognex.com/support/downloads/File.aspx?d=815

## Start VisionPro Quick Build

As far as the camera is configured correctly, you can open it in Cognex VisionPro QuickBuild in order to start the image acquisition.

Run the **Cognex VisionPro QuickBuild** as **admin** (right-click on the desktop icon and select "Run as administrator" (see Figure 1)).
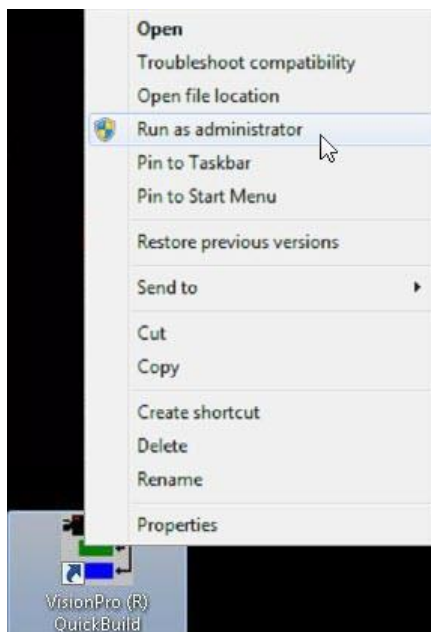


**Figure 1: Run QuickBuild as admin**

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**Open the IDS GigE Vision camera in VisionPro Quick Build**

In Cognex VisionPro QuickBuild, select the image source as shown in Figure 2 by double clicking on the corresponding entry.
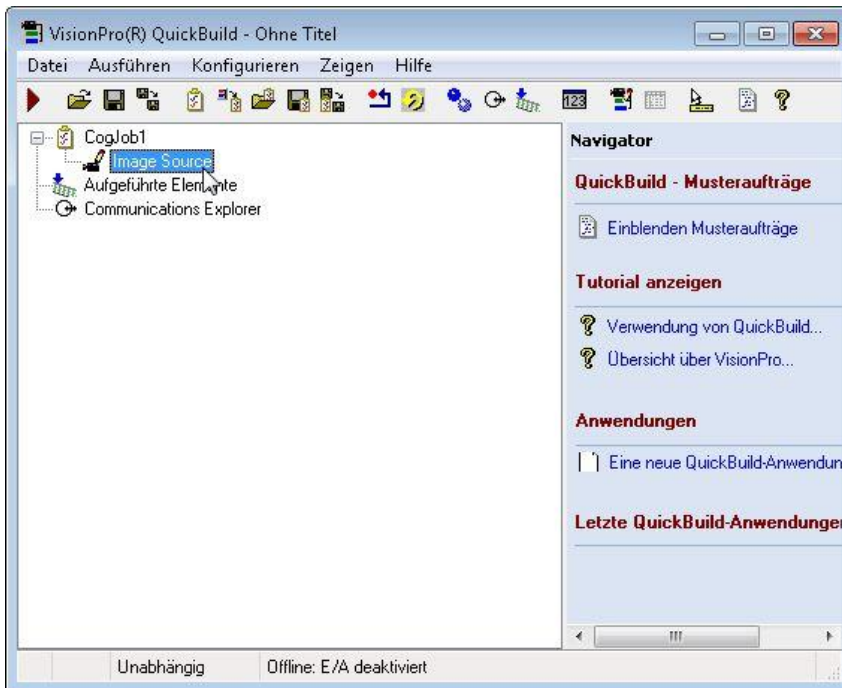


**Figure 2: Select an image source**

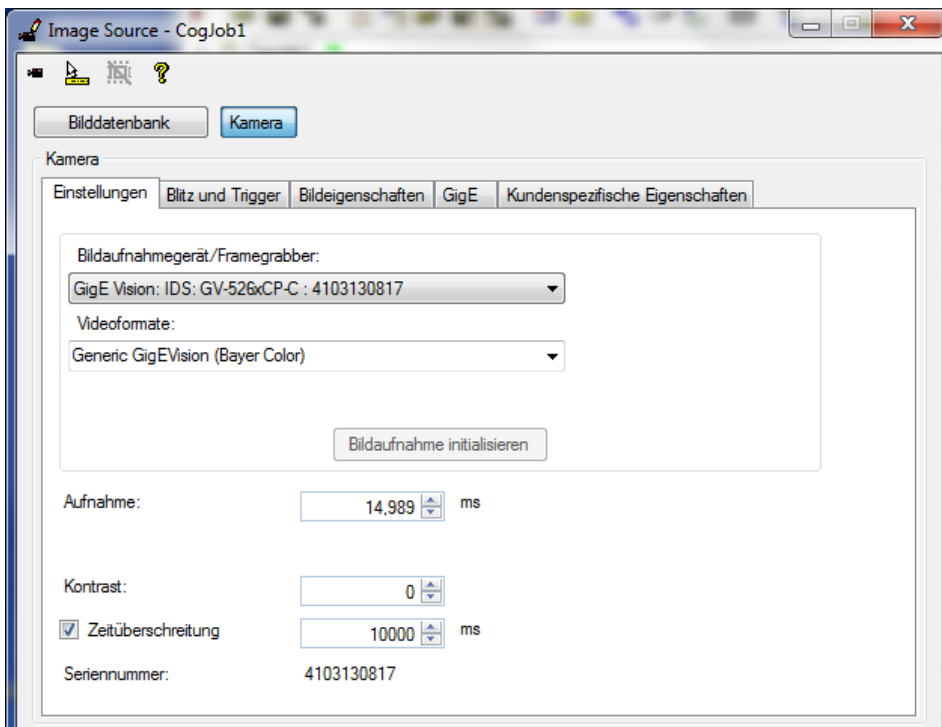Select the connected IDS GigE Vision camera as "Image Acquisition Device".



**Figure 3: Connected IDS GigE Vision camera**

Click on the "Initialize Image Acquisition" button to set the camera properties and initialize the image acquisition.

## Start the image acquisition

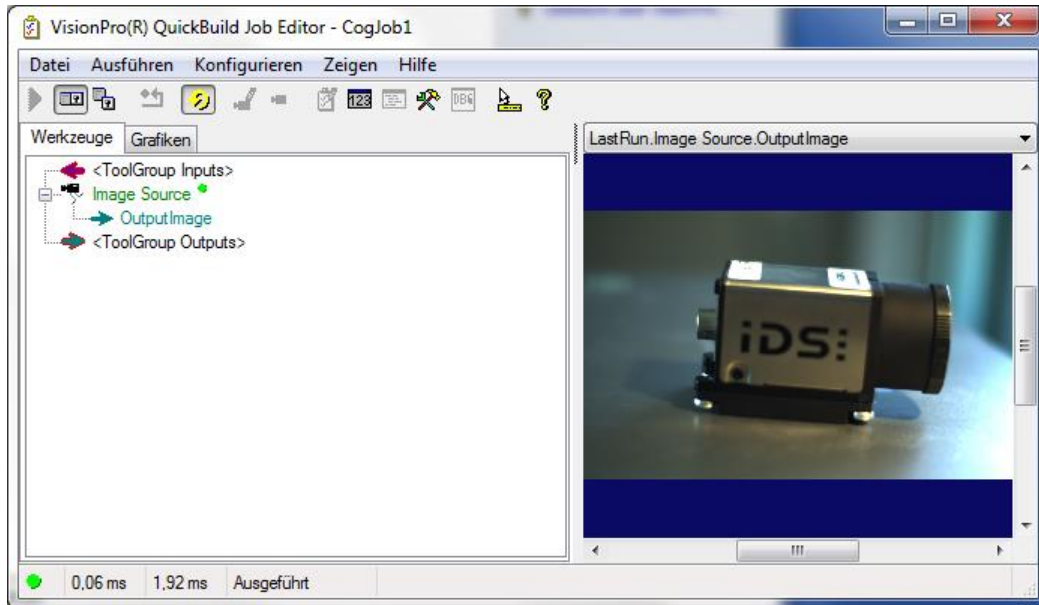Return to the Job Editor and acquire images (see Figure 4).



**Figure 4: Acquire images**

IDS Imaging Development Systems GmbH, Dimbacher Straße 6-8, 74182 Obersulm, Germany
Tel.: +49 7134 96196-0, Fax: +49 7134 96196-99, info@ids-imaging.com