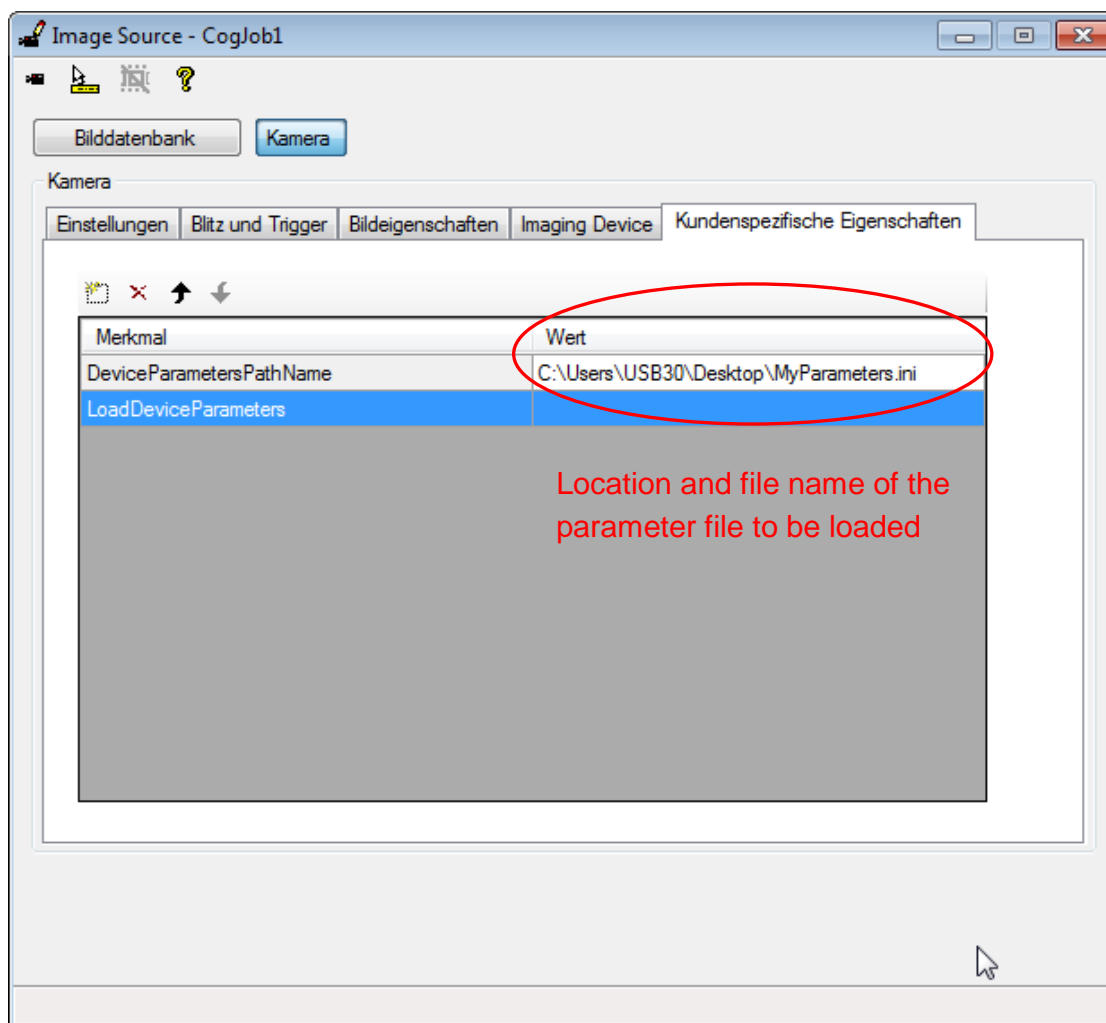


How to set camera parameters in VisionPro QuickBuild

This application note handles how to set the desired camera parameters in VisionPro QuickBuild for the uEye Camera.

Loading camera parameters from ini-file

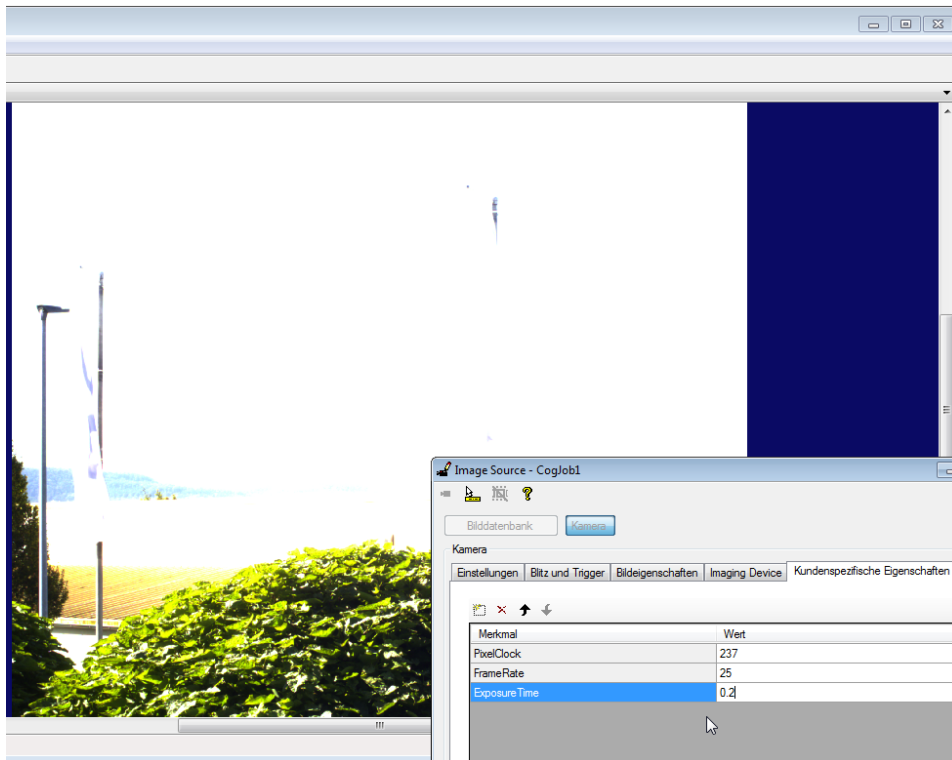
The uEye Cockpit gives a comfortable way for setting the required camera parameters. The desired camera parameters can be saved in uEye Cockpit e.g. in a text file (in uEye Cockpit: File → Save Parameters → ... to file). Those camera parameters can be loaded e.g. in VisionPro QuickBuild in one step to allow the camera running in VisionPro with the previously in uEye Cockpit predefined camera parameters. The following screenshot shows the required settings in VisionPro QuickBuild:



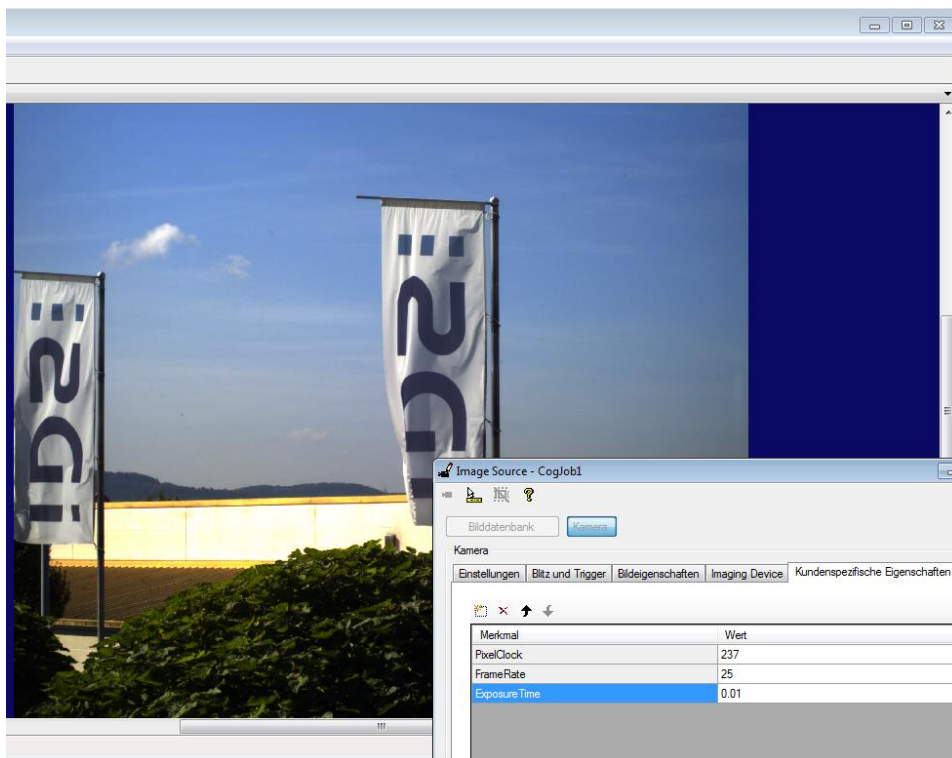
Setting individual camera parameters in VisionPro QuickBuild

It is also possible changing or setting individual camera parameters in VisionPro QuickBuild without loading a complete camera parameter file.

The following screenshot shows how to set e.g. pixel clock, frame rate and exposure time:



The second one shows how changings in the exposure time affect the live image:



Please also consider that some combinations of e.g. pixel clock, frame rate and exposure time may not be possible.

Whether a certain exposure time can be set for specific camera timing can be found out easily e.g. in uEye Cockpit.