

Using Roboception rc_visard in MERLIC

Recommended Camera Configuration

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Requirements

It is preconditioned that the 3D sensor has been installed and configured correctly as described in the respective user manual.

Configuration of the Camera Parameters

For the use in MERLIC, you have to add the sensor to as an image source in the "Image Sources" tab of the MERLIC RTE Setup and adjust the parameters of the 3D sensor that are listed below. Alternatively, you can also use the tool  **Acquisition** → **Acquire Image from Camera** for the configuration and image acquisition.

Parameter Name	Value
ComponentSelector	Intensity
ComponentEnable	0
ComponentSelector	IntensityCombined
ComponentEnable	0
ComponentSelector	Disparity
ComponentEnable	1
ComponentSelector	Error
ComponentEnable	0
ComponentSelector	Confidence
ComponentEnable	0

The value defined in the parameter "ComponentEnable" is applied to the component selector that is currently set in the respective parameter.

In MERLIC, you have to configure the component selectors one after the other:

1. Select a component selector and then enable or disable this component selector at the parameter "ComponentEnable".
2. Switch to the next component selector and set the parameter "ComponentEnable" for this component selector.
3. Repeat this procedure until each component selector has been configured as described in the table.

In addition, some parameters regarding the image depth should be set:

Parameter Name	Value
DepthQuality	"High"
DepthDispRange	256
DepthMaxDepth	15