

Using wenglor MEL weCat3D 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.

In addition you have to disable any streaming filters, including the "MVTec GigE Vision Streaming Filter", for the network interface as shown in the following image:

Ethernet Properties	×	
Networking Sharing		
Connect using:		
Intel(R) Ethemet Connection (5) I219-LM		
Configure]	
This connection uses the following items:		
 Client for Microsoft Networks File and Printer Sharing for Microsoft Networks MVTec GigE Vision Streaming Filter QoS Packet Scheduler Internet Protocol Version 4 (TCP/IPv4) Microsoft Network Adapter Multiplexor Protocol Microsoft LLDP Protocol Driver 		
Install Uninstall Properties		
Description MVTec GigE Vision Streaming Filter 2.1.8.1		
OK Cancel		

The wenglor's GigEVision streaming server needs to be started up with the correct configuration, i.e., by defining the IP address of the device and the IP address of a network interface.

Configuration of the Camera Parameters

For the use in MERLIC, you have to add the sensor 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 \blacksquare Acquisition \rightarrow Acquire Image from Camera for the configuration and image acquisition.



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Parameter Name	Value
PixelFormat	Mono16
NumberOfProfiles	<number image="" of="" per="" profiles=""></number>



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