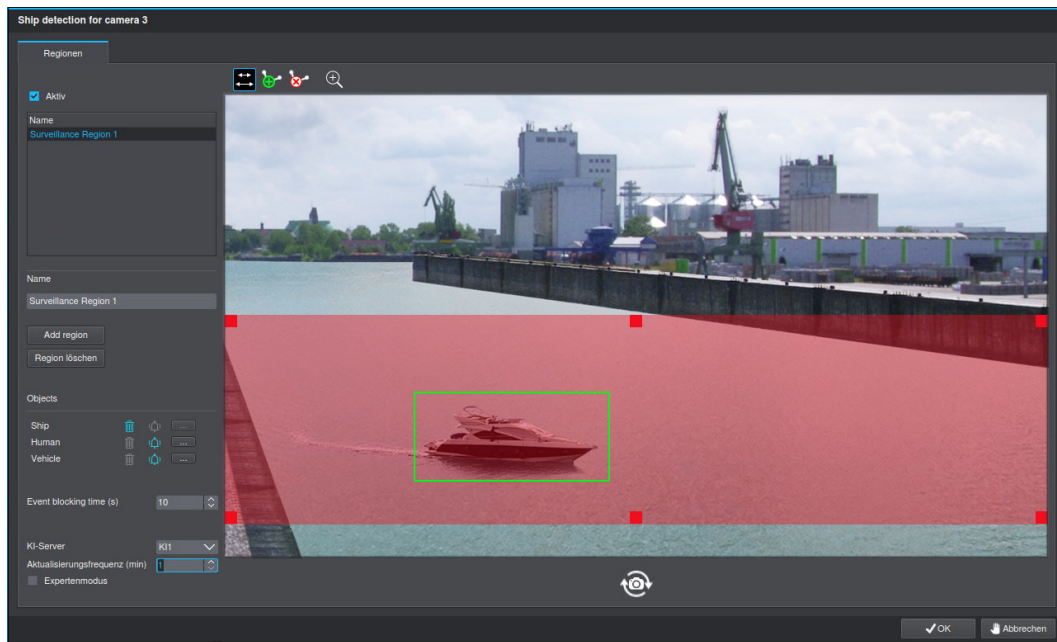


# SEDOR® AI Ship Detection

SEDOR® Video Analysis Software for the detection of ships in defined areas with a powerful Artificial Intelligence object classification based on neural networks



The SEDOR® AI Ship Detection software reliably detects large ships and small boats on open water areas, based on a powerful AI object classification with a specially trained neural network. The software analyzes the defined monitoring area in an adjustable cycle and immediately issues a corresponding message if a ship enters this area.

## Configuration

The SEDOR® AI Ship Detection software is offered as an option for the latest Dallmeier recording systems. A graphical user interface allows easy definition of the relevant analysis area and input of the required parameters.

## Analysis Interval

The SEDOR® AI Ship Detection software allows the definition of an interval for the execution of the neural analysis. This allows the workload of the system to be adapted to individual actuality requirements, taking into account the size of the analysis area and the expected ship speed.

## Message Interval

For slow ships that stay longer in the analysis area, a corresponding message is issued at the set analysis interval. To avoid this, the SEDOR® AI Ship Detection App allows the definition of a time period in which no further message is issued after a first message. This allows an operator to evaluate an incident undisturbed and, if necessary, to initiate the required measures.

## Compatibility

The SEDOR® AI Ship Detection software is designed for optimal use in combination with Dallmeier network cameras and Panomera® systems. All issued messages are sent from the camera system with the video stream to the recording system and stored there in a database. This allows a targeted search and evaluation of incidents with Dallmeier client software.

## Consulting and Planning

The optimal function of a high-quality and accurate video analysis system always requires the consideration of a multitude of influencing factors on site. The expected volume of relevant events or objects, for example, can directly affect the number of video streams that can be analyzed. Dallmeier already offers intensive consulting in the run-up to a project as well as a variety of options to support the planning of a system.

## SEDOR® AI Professional and Premium Package

The SEDOR® AI Ship Detection software is only offered ex works for the IPS 10000 recording system. In addition to the required hardware (GPU card or server), the package includes the license for the use of the basic SEDOR AI software, which can be licensed as needed for individual network cameras or Panomera® systems.

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SEDOR® AI Professional Package	
007370	<b>SEDOR® AI Professional Package for IPS 10000</b> License for the use of the SEDOR® AI Software included, license for the use of the SEDOR® AI analysis functions per channel optional, upgrade of an IPS 10000 (with 3x power supplies) by a powerful GPU card, only ex works

SEDOR® AI Premium Package	
008020.401	<b>SEDOR® AI Premium Package (Tower/2x GTX 1660)</b> Server package for the analysis of video streams based on neural networks, licence for the use of the SEDOR® AI software included, licence for the use of SEDOR® AI analysis functions per channel optional, powerful AI server hardware included, only ex works (1x dongle)
008020.402	<b>SEDOR® AI Premium Package (Rack-Mount/2x GTX 1660)</b> Server package for the analysis of video streams based on neural networks, licence for the use of the SEDOR® AI software included, licence for the use of SEDOR® AI analysis functions per channel optional, powerful AI server hardware included, only ex works (1x dongle)

SEDOR® AI Ship Detection (IPS 10000)	
008220	<b>DLC - SEDOR® AI Ship Detection for Single Sensor Camera</b> License for the use of the function for the detection of ships in defined areas and for verification based on neural networks for a Dallmeier network camera with VCA support
008221	<b>DLC - SEDOR® AI Ship Detection for Panomera® S/W 4</b> License for the use of the function for the detection of ships in defined areas and for verification based on neural networks for a Panomera® S/W 4 system with VCA support, license (007076) for the use of the AI/VCA function on the Panomera® S/W 4 system included
008222	<b>DLC - SEDOR® AI Ship Detection for Panomera® S/W 8</b> License for the use of the function for the detection of ships in defined areas and for verification based on neural networks for a Panomera® S/W 8 system with VCA support, license (007075) for the use of the AI/VCA function on the Panomera® S/W 8 system included

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See more.