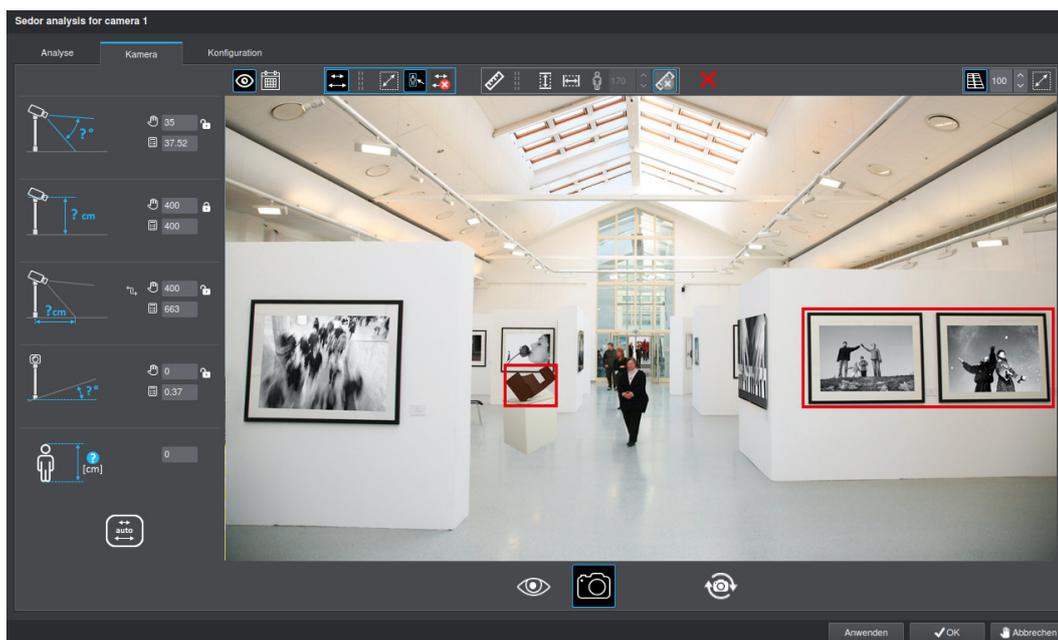


SEDOR® AI Art Protection Apps

SEDOR® video analysis apps for securing free-standing objects or paintings with a powerful Artificial Intelligence object classification based on neural networks



The SEDOR® AI Art Protection software allows for the protection of freely definable areas indoors against unauthorized access. The analysis software detects objects approaching a defined area and evaluates their direction of movement and dwell time. The detected events allow reliable reporting of unauthorized approaches, changes in position, or theft of an artwork in exhibition spaces.

Video Content Analysis

The SEDOR® AI Art Protection software is designed for the efficient use of Video Content Analysis data from Dallmeier network cameras and Panomera® systems. The VCA function of the cameras detects movements and objects in the uncompressed image and analyzes them in real time on the basis of highly developed algorithms. The VCA data is made available via the network and forms a solid basis for in-depth analysis with SEDOR®.

Configuration

The SEDOR® AI Art Protection software is offered as an option for the latest Dallmeier recording systems. A graphical user interface allows the configuration of the analysis and the calibration of the camera directly in the provided image. Parameters such as the mounting height of the camera or the field of view can be set with a few mouse clicks. The definition of the protected areas is done by simply entering 3D reference points, thus avoiding the time-consuming measurement of the scene with measuring rods.

Function

The SEDOR® AI Art Protection software evaluates the detected objects using the defined 3D analysis model, taking into account object size, direction of movement, speed and dwell time in the defined area. The data of the relevant objects is then subjected to classification and verification based on neural networks, with the required computing power provided by a GPU card integrated in the appliance or by an external AI server.

Consulting and Planning

The optimal functioning of a high-quality and accurate video analysis system always requires the consideration of a multitude of influencing factors on site. For example, the expected occurrence of relevant events or objects can have a direct impact on the number of video streams that can be analyzed. The required computing power is also strongly influenced by image areas with permanent movements. Dallmeier offers intensive consultation in the run-up to a project and a variety of options to support the planning of a system.

Areas of Application

- Permanent exhibitions in museums
- Mobile use for traveling exhibitions
- Theft protection for valuable paintings and objects of art
- Protection of works of art from damage by visitors
- Analysis and evaluation of visitor behavior

Event Messages

- Theft of artwork
- Manipulation of artwork (change of position)
- Entry into secured areas
- Unauthorized approach to secured objects
- Camera sabotage

SEDOR® AI Professional and Premium Package

The SEDOR® AI Art Protection software is only offered ex works for the IPS 10000 appliance. In addition to the required hardware (GPU card or server), the upgrade package includes the license for the use of the SEDOR AI software, which can be scaled as needed for individual network cameras or Panomera® systems through channel licenses.

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SEDOR® AI Professional Package	
007370	SEDOR® AI Professional Package for IPS 10000 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	SEDOR® AI Premium Package (Tower/2x GTX 1660) 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	SEDOR® AI Premium Package (Rack-Mount/2x GTX 1660) 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 Art Protection Proximity App (IPS 10000)	
008392	DLC - SEDOR® AI Art Protection Proximity App for Single Sensor Camera License for the use of the function to secure objects or paintings against approaching persons based on neural networks for a Dallmeier network camera with VCA
008394	DLC - SEDOR® AI Art Protection Proximity App for Panomera® S/W 4 License for the use of the function to secure objects or paintings against approaching persons based on neural networks for a Panomera® S/W 4 system with VCA, license (007076) for the use of the AI/VCA function on the Panomera® S/W 4 system included
008395	DLC - SEDOR® AI Art Protection Proximity App for Panomera® S/W 8 License for the use of the function to secure objects or paintings against approaching persons based on neural networks for a Panomera® S/W 8 system with VCA, license (007075) for the use of the AI/VCA function on the Panomera® S/W 8 system included

SEDOR® AI Art Protection Theft App (IPS 10000)	
008396	DLC - SEDOR® AI Art Protection Theft App for Single Sensor Camera License for the use of the function to secure objects or paintings against theft for a Dallmeier network camera with VCA
008398	DLC - SEDOR® AI Art Protection Theft App for Panomera® S/W 4 License for the use of the function to secure objects or paintings against theft for a Panomera® S/W 4 system with VCA, license (007076) for the use of the AI/VCA function on the Panomera® S/W 4 system included
008399	DLC - SEDOR® AI Art Protection Theft App for Panomera® S/W 8 License for the use of the function to secure objects or paintings against theft for a Panomera® S/W 8 system with VCA, license (007075) for the use of the AI/VCA function on the Panomera® S/W 8 system included

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See more.