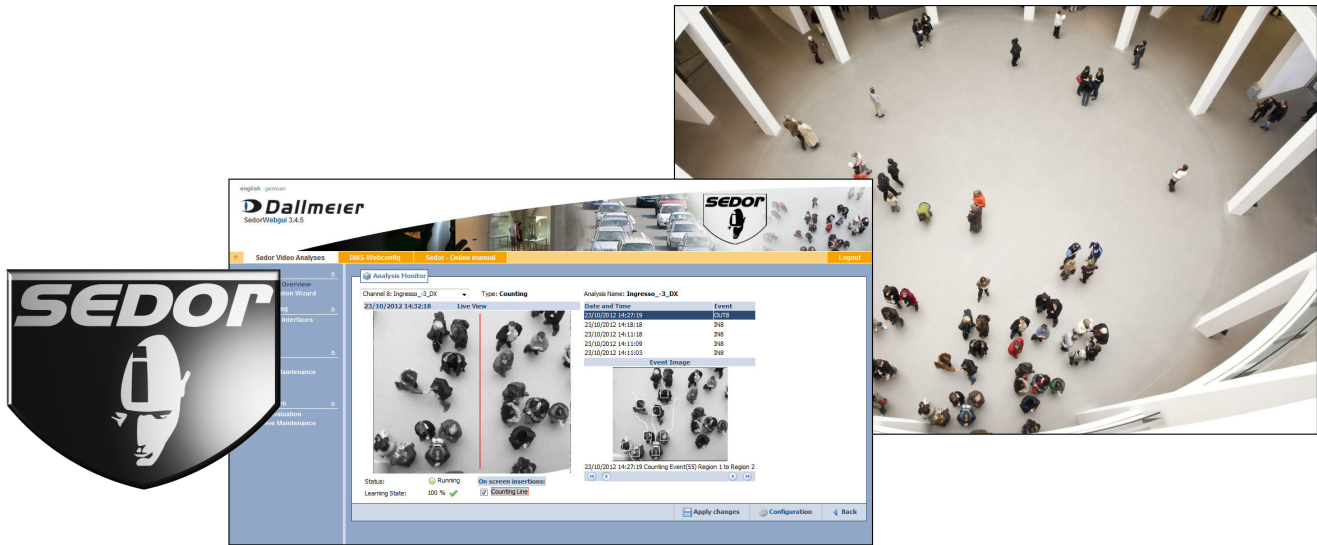


SEDOR® Object Counting

Application for the Automated Counting of Moving Objects



SEDOR® is a high-performance and self-learning video analysis system which provides outstanding analytical results due to state-of-the-art image analysis algorithms and the constant adjustment of the system parameters to the current surrounding conditions (auto-adaptation). If used together with the different **applications**, it can serve a variety of surveillance and counting purposes.



SEDOR® Object Counting is an application for the **DVS Analysis Server** software designed for the counting of moving objects in indoor and outdoor areas. SEDOR® Object Counting is able to analyze visitor fluxes and traffic flows within definable areas. The application counts objects, such as individuals or vehicles, extremely reliable if they are distinctly separated and allows for the operator to limit the counting to the entry or exit of an area. Due to the integrated event analysis, the individual counting results can be represented in graphical or tabular form. Moreover, the optional software module SEDOR® DiViStic for the analysis and display of multiple counting sites can be integrated as well.

Features

- Counting of individuals and/or vehicles
- Counting of individually separated moving objects¹⁾
- Suitable for objects with good contrast against their background
- Suitable for indoor areas with consistent lighting conditions
- Counting line (freely editable): counting event triggered when crossed
- Counting event limitable to a distinct direction of movement
- Time-controlled activation or deactivation (armed/disarmed) of the counting process
- Long-term archiving of the counting results in a SQL database
- Output of exceeded threshold values over dry relay outputs (depending on the used hardware)
- Configuration and evaluation of the complete system with the included **SEDOR® WebGUI** over Ethernet (browser)
- Display and analysis of single counting sites with the integrated event analysis (diagram or table)
- Advanced display and analysis of multiple counting sites using the optional software module SEDOR® DiViStic (diagram and report)
- Export of the counting events as XLS-formatted data file (Excel sheet with date, time, counter readings)

Range of Application

- Counting of customers entering retail stores
- Counting of visitors in museums and at exhibitions
- Analysis of the frequency of individuals in private and public areas (pedestrian precincts, shopping centers)
- Identification of current traffic flows (transportation planning)
- Counting of individuals in public buildings
- Counting of passengers (airport terminals)

Event Messages

- Limit value exceedance (prewarning threshold)
- Limit value exceedance (danger threshold)
- Camera sabotage

Licenses for DVS Analysis Server

004249	DLC - 1 Analysis Channel SEDOR® Object Counting License for the simultaneous use of the applications SEDOR® Object Counting and SEDOR® Camera Sabotage Protection for one channel
004137	DLC - SEDOR® DiViStic License for the use of the module to display the results of up to 8 counting applications or devices

1) The accuracy of the counting depends on the type of object, contrast range of the video image and mounting position of the video camera.