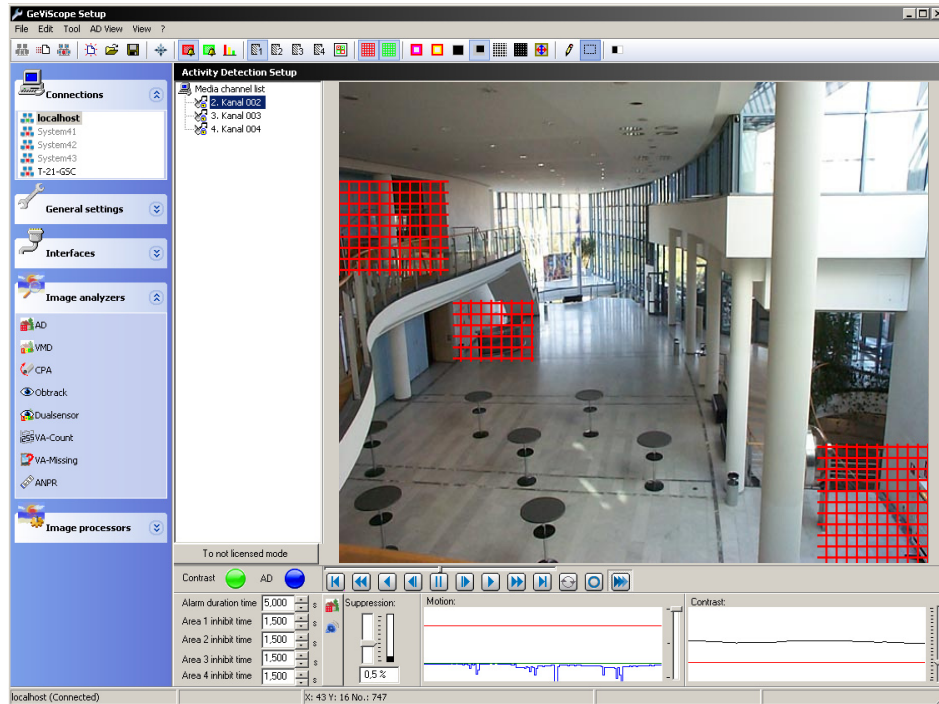




AD – Activity Detection

Motion detection for indoor and selected outdoor applications



Product information

Activity Detection recognizes movement in the camera picture in interior settings, even under difficult conditions. Each camera picture is divided into a grid with 42 x 34 cells of the same size, which are each defined as alarm cell or alarm blocking cell. This makes it possible to take the direction of movement of an object into account when analyzing alarms. All cells are analyzed to suppress false alarms in case of global changes in contrast.

If a local movement is registered, the AD generates an event that triggers a freely configurable system reaction, e.g. recording, moving to a fixed position using an adjacent PTZ system, etc. Per camera scene or AD channel up to 4 different areas can be configured as event sources for 4 different actions*.

- | Reliable motion detection for recording control
- | Consideration of the direction of movement
- | Integrated video signal monitoring
- | Automatic switching of the operational mode (profiles), e.g. day/night, work times
- | Algorithm to differentiate between local and global picture changes for efficient false-alarm suppression

Technical data

Monitoring area	42 x 34 freely definable detection cells
> Set-up options	Assignment of each cell as alarm, blocking or suppression cell. Division of the cells in 4 areas for different alarm reactions.* Setting of the cell sensitivity of each cell in four levels (high, medium, low, off). Storage of any number of parameter sets, activation over any system actions (e.g. time-range control).
> Set-up aids	Representation of each cell function and each area in different colors. Setting in the viewer for selected camera channel with live stream. For DSP-sources, also with recorded pictures from the database or in capture mode (recording of a current picture sequence and display in a loop).
Alarm analysis	Analysis in real time, measurement time 160 ms.
> Set-up options	Settings for alarm duration (global) and blocking time (for each area). Setting of the motion and suppression thresholds. Saving and loading of the settings as parameter sets. Setting of the contrast threshold.
> Set-up aids	Inspection of the settings using motion and contrast thresholds. Visualization of each measurement that generates an alarm. Visualization of the alarm cells and the cells with maximum measurements.
Notes for project management	DSP-based channels are evaluated in 2CIF resolution. When using megapixel cameras as sources, these are scaled down to CIF resolution before analysis. Please note that objects to be detected should have a height that is at least 5% of the picture section.
Operating system	Windows XP
Camera channels	
> analog	Yes
> IP	Yes
Order no.	8.31080 * * AD extended

Licence_AD_PL_EN 22.07.2010

	VMD	AD Basic	AD Extended	Dual-Sensor	VA-Class	ANPR	VA-Missing	Audio AD	CPA
GeViScope-HS	○	●	○	○	○	○	○	●	○
GeViScope-IP/SE	○	●	○	○	○	○	○	○	○
re_porter	-	●	-	-	-	○	-	-	○
re_porter_sensor	○	●	-	○	○	○	-	-	○
re_porter_bank	-	●	-	-	-	○	-	-	○
MultiScope III/XP	-	-	●	-	-	-	-	-	●

●= Standard ○=Optional -=-Not available

Please take into account that video analysis applications require extensive project-specific consultation. For an optimal result, numerous environmental conditions and system parameters must be considered. Our specialists are happy to provide you with assistance! We guarantee simultaneous analysis of four (re_porter) or six (GeViScope) D1 (4CIF) resolution video signals on the local device without interfering with other functions. Exception: AD and VMD licenses for analog cameras and CAM2IP and VIPCAM can also be operated without restrictions.

Technical alterations reserved

GEUTEBRÜCK GmbH

Im Nassen 7-9 | D-53578 Windhagen | Tel. +49 (0)2645 137-0 | Fax-999 E-mail: info@geutebrueck.com | Web: www.geutebrueck.de