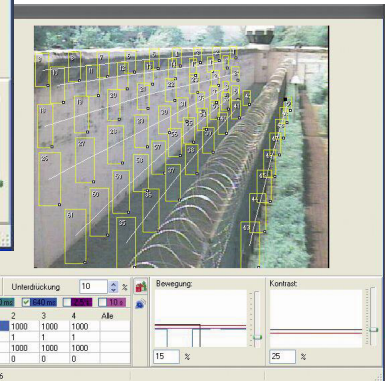
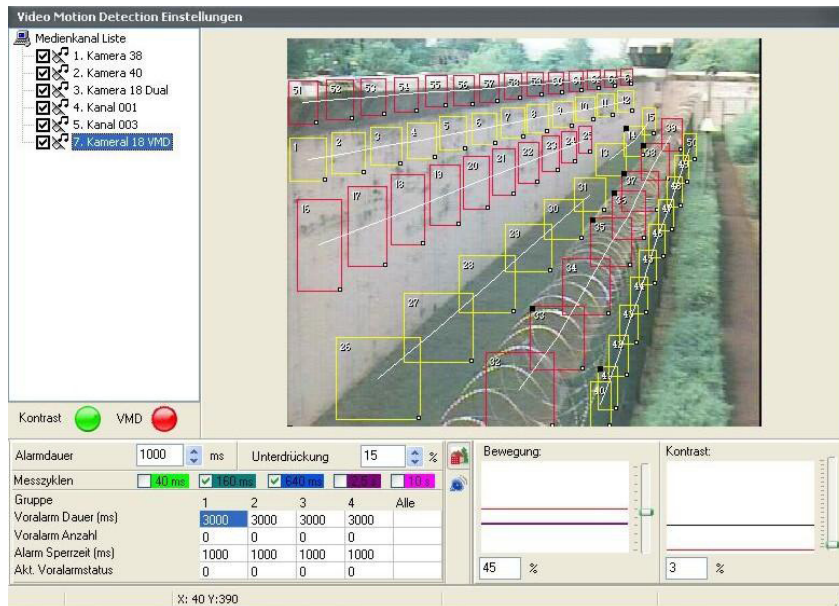


# VMD - Video Motion Detection



Video motion detection for critical, sensitive outdoor settings



## Product information

This proven 3D video motion detection calculates, at adjustable time intervals (measurement times), a measurement for each VMD field in the video picture (max. 128). The VMD analysis algorithm compares these measurements with the set sensitivity and differentiates between global and local changes – i.e. changes in many VMD fields or in only one field. Local changes are evaluated as (pre-)alarm; global changes are suppressed (adjustable).

VMD fields can be linked and also detect movement in the video picture on the basis of direction or speed. The perspective automation supports individual modification to the scene.

| 128 VMD fields, freely definable in terms of function, position, size and sensitivity

| Measurement times from 40 ms to 10 s for real-time detection of very fast and extremely slow movements

| Three-dimensional analysis using automatic perspective selection

| Algorithm to differentiate between local and global picture changes for efficient false-alarm suppression

| Recording and analysis of object size, direction and speed

| Automatic switching of the operational mode (profiles) e.g. day/night, working times

| Integrated picture-content monitoring

## GEUTEBRÜCK

Competence in Video Security

# Technical data

<b>Monitoring area</b>	Up to 128 logically linkable detection fields, freely configurable with regard to function, position, size and sensitivity
> Set-up options	Assignment of each cell as prealarm, alarm, blocking or suppression cell. Division of the fields into 4 groups for different alarm reactions. Storage of any number of parameter sets, activation over any system actions (e.g. time-range control)
> Set-up aids	Display and adding of required fields, allocation of the fields in connected chains, taking the perspective into account Setting in the viewer for selected camera channel with live stream
<b>Alarm analysis</b>	Analysis in real time Selectable measurement times: 40 ms (only DSP-based sources), 160 ms, 640 ms, 2.5 s and 10 s
> Set-up options	Settings for alarm duration (global) and blocking time (for each area) Activation (also parallel) of the measurement times. Prealarm and alarm configuration globally or for each of the 4 groups. 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 field status (alarm, prealarm, blocking field active, suppression)
<b>Installation considerations</b>	DSP-based channels are evaluated in 2CIF resolution. Megapixel cameras are evaluated in full resolution (depending on the camera settings). Objects/persons to be detected should be displayed with a height of at least 14 pixels.
<b>Operating system</b>	Windows XP
<b>Camera channels</b>	
> analog	Supported
> IP	Supported
<b>Order no.</b>	<b>8.31090</b>

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	VMD	AD Basic	AD Extended	Dual-Sensor	VA-Class	ANPR	VA-Missing	Audio AD	CPA
GeViScope-HS	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
GeViScope-IP/SE	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
re_porter	-	<input checked="" type="radio"/>	-	-	-	<input type="radio"/>	-	-	<input type="radio"/>
re_porter_sensor	<input type="radio"/>	<input checked="" type="radio"/>	-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	<input type="radio"/>
re_porter_bank	-	<input checked="" type="radio"/>	-	-	-	<input type="radio"/>	-	-	<input type="radio"/>
MultiScope III/XP	-	-	<input checked="" type="radio"/>	-	-	-	-	-	<input checked="" type="radio"/>

●= 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

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