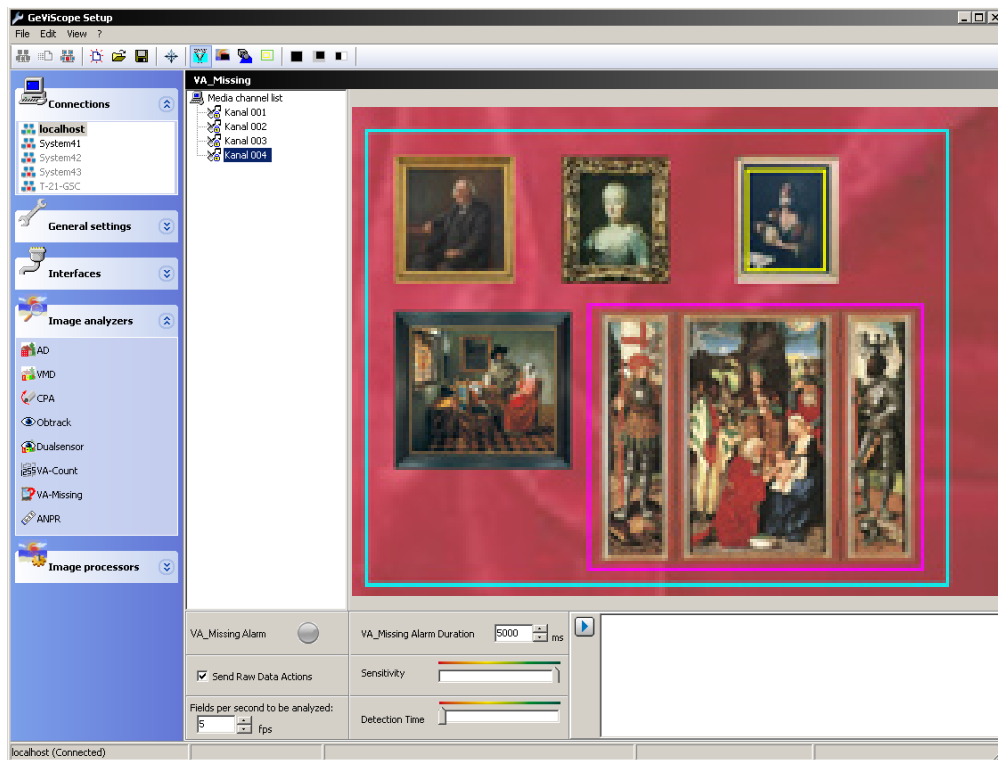




VA - Missing

Object theft protection



Product information

VA-Missing uses intelligent algorithms to detect the removal of objects from the image or the addition of objects to the image. It detects these removals or additions by comparing the current picture with its own background model of the scene. It checks the content of each frame against its current background model and checks out any discrepancies which might be relevant. If the detected change matches user-defined criteria for duration, minimum and maximum size (when corrected for perspective), then the system concludes that an object has been removed or added. VA-Missing continually updates its background model to incorporate gradual changes such as slow-moving shadows, and suppresses transient changes generated by passers-by.

- | Detection of abandoned or removed objects
- | Suppression of false alarms using continuous background modelling
- | Perspective correction
- | Consideration of object size

Technical data

Monitoring area	Up to 64 freely definable detection areas
> Set-up options	Free allocation (size and position) of a frame per detection area (Area of Interest), as well as for areas that are to be masked out. Specification of relevant object size (minimum, maximum area). Virtual "measurement" of the scenes by specifying the scene width in the foreground and background. Storage of any number of parameter sets, activation over any system actions (e.g. time-range control).
> Set-up aids	Display of frames of the detection areas and the relevant object sizes. Display of scene dimensions in meters. Display of masked out areas.
Alarm analysis	Analysis of a definable number of pictures per analysis procedure (min. 3, max. 25) – measurement times depend on the picture rate of the camera channel to be evaluated. Time-based analysis of missing objects or added objects Alarm reaction time dependent on the set recognition time.
> Set-up options	Definition of alarm duration and the number of pictures to be analyzed per analysis procedure (3-25) Definition of the sensitivity and recognition time (minimum time an object can be missing or a new object can remain in the picture)
> Set-up aids	Display of live pictures in the viewer Visualization of a detected procedure (object removed/added) via color frame Visualization of the detection area that is reporting an alarm
Installation considerations	All sources are scaled down to CIF resolution for analysis. Please note that objects to be detected should have a height that is at least 5% of the picture section. Very hectic scenes (a lot of motion in the picture) in which the objects to be monitored/detected are frequently covered by moving objects will reduce the reliability of the detection significantly.
Operating system	Windows XP with Service Pack 3 and Net Framework Version 2.0 or higher
Camera channels	
> analog	Supported
> IP	Supported
Order no.	8.31230

	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 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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