

# Intelligent Video Analysis

IP Cameras SERIES RH Intelligent

Video Analysis



**INTELLIGENT  
VIDEO ANALYSIS**






























## Introduction

Several models of cameras in the RH series are equipped with advanced digital video analysis. All of these functions is called commercially INTELLIGENT VIDEO ANALYSIS.

Thanks to these features the camera is able to automatically detect abnormal situations that occur in its field of view and activate alarm consequent actions. Among the models with Video Analysis, some include all features described in this manual, you others just the main.

# Cameras with video analysis

TYPE OF DETECTION		RH-RH-BCC3-4A DCC1-4A	RH-SD30-3
	<b>PERIMETER</b> Intrusion in a defined area		
	<b>MASKING</b> Covert		
	<b>VIRTUAL WALL</b> Overcoming a line		
	<b>DOUBLE WALL VIRTUAL</b> As above with 2 lines		-
	<b>STAY</b> Staying in the area for xx sec.		-
	<b>MULTI-STAY</b> Many in the area for xx sec.		-
	<b>ABANDONED OBJECT</b> Within a defined area		-
	<b>OBJECT REMOVED</b> Theft in a defined area		-
	<b>SPEED 'ANOMALA</b> Subject that runs		-
	<b>REVERSE</b> Movement in the opposite direction		-
	<b>NO PARKING</b> Parking in a defined area		-
	<b>TAMPERING</b> camera Handling		-

# Analysis Video Configuration

In the camera installation manual explains how to access the cameras with your PC using the Internet browser.

The RH Series of cameras factory login details are:

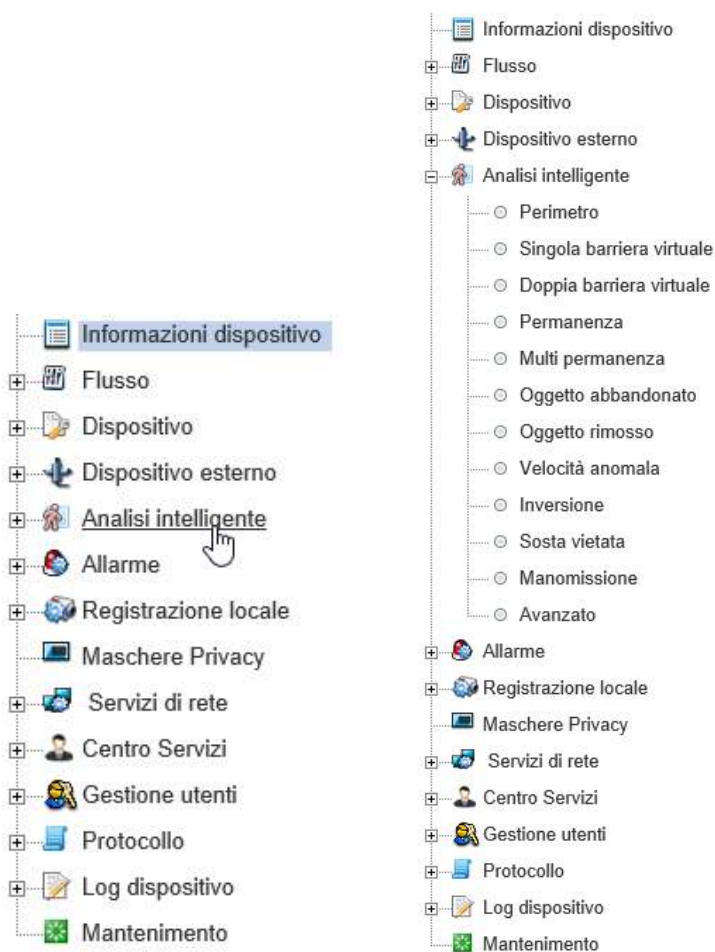
**USERNAME: admin PASSWORD:**

**admin**

E 'can choose the language for the web. In this manual, reference is made to

**Italian language.**

All configuration options are the video analysis ANALYSIS INTELLIGENT voice



## Advanced

The first section to configure the intelligent video analysis is actually the last item on the menu: ADVANCED

It contains all the general settings that apply to all types of detection and that are critical to their effectiveness

### Avanzato

Scenario	Esterno ▼
Vibrazioni telecamera	<input type="checkbox"/> OFF
Presenza rumore video	<input type="checkbox"/> OFF
Basso contrasto	<input type="checkbox"/> OFF
Movimenti periodici	<input type="checkbox"/> OFF
ID	▼
Dimensione reale area ripresa(cm)	<input type="text" value="0"/>



Elimina

Aggiorna

Applica

SCENARIO - Choose if the recovery occurs in exterior or interior

VIBRATIONS CAMERA - Enable if the camera is not mounted on a stationary support and can be subjected to vibration in order to reduce the possibility of spurious alarms. E 'advisable to use this function for example in the case of cameras mounted on poles that may undergo oscillation due to the wind.

PRESENCE VIDEO NOISE - If the camera takes in low-light conditions without IR illuminators the video might contain the interference noise. In the case, enable this feature to reduce the possibility of false alarms.

LOW CONTRAST - Enable this option if the subject and the background tend to get confused because of similar color and brightness.

MOVEMENTS PERIODICI - If in the recovery from the camera are objects that can have continuous or periodic movements, such as wheels, fans, etc machineries enable this feature to reduce the possibility of spurious alarms. E 'possible to establish the duration of the single periodic motion in seconds.

ID / ACTUAL SIZE RECOVERY AREA - Why video analysis is accurate should be given to the dimensional references of the target camera (usually a person) within the recovery. To do this track with the mouse 2 (possibly even up to 4) vertical lines which represent the height of the target to be detected in the different areas taken by the camera. Each line will have a different ID, and there it will be possible to associate a value of height in centimeters. In general it is sufficient to draw 2 vertical lines which indicate the height of the intruder to be detected at two different distances from the camera.

E 'can however also draw vertical lines 3 or 4 or 2 vertical lines and two horizontal lines to also identify the target width.



For procedures in a precise manner, it is advisable to place the target (the person) at a certain distance from the camera, to draw the line that corresponds to its height in the image and then insert the

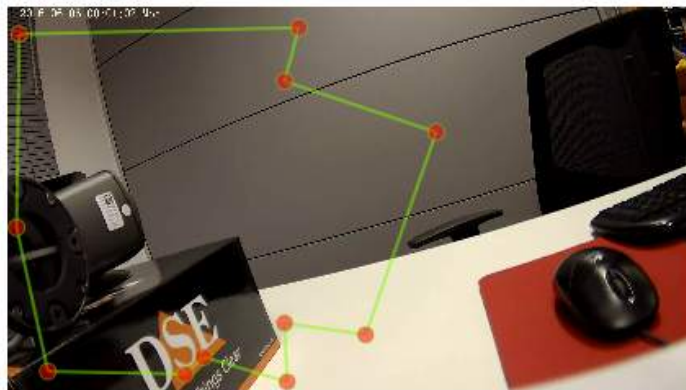
its actual height in centimeters. Then to move the person away from the camera and repeat the same operation.

## Perimeter

PERIMETER The video analysis is used to detect if a person enters a defined area. It should be noted that the function detects motion within the area, not the mere passing of the boundary lines



### Perimetro



Elimina

Attiva	<input checked="" type="checkbox"/>
Intervallo di Allarme(1-1800S)	<input type="text" value="15"/>
Soglia target	<input checked="" type="checkbox"/>
Tipo	Persona o auto ▼
Controlla dimensione Target	<input checked="" type="checkbox"/>
Dimensione minima(cm2)	<input type="text" value="1"/>
Dimensione massima(cm2)	<input type="text" value="100000"/>
Mostra info nel client	<input checked="" type="checkbox"/>

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
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Gio																									
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Aggiorna

Applica

To take advantage of this feature may be the first thing to draw the detection perimeter shooting in the image by clicking the mouse.

Once all the corners of the perimeter defined click with the right text to close the figure.



Clear

Note that the lines you draw can not cross. E 'possible to realize any polygon sides up to 32 maximum. E 'can achieve more than one polygon in the same image.





ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

TARGET THRESHOLD - E 'can define whether you want to detect a person, a vehicle, or both. In indoor or in case of close-ups it is recommended to use the AUTO PERSON option because the detection would not be effective.

DIMENSION CHECKING TARGET - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON



Trace OFF



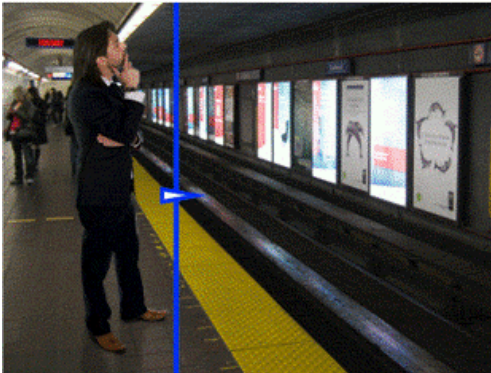
ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

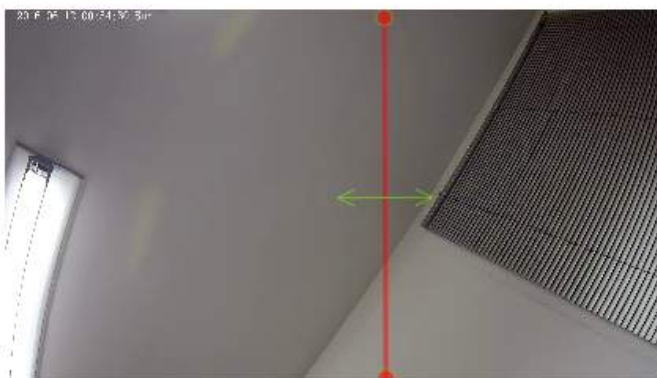
CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)


## Single virtual barrier

The video analysis SINGLE VIRTUAL BARRIER is used to detect if a person exceeds a predefined line.










 Singola barriera virtuale



Bidirezio 

Elimina

Attiva	<input type="checkbox"/> OFF
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Soglia target	<input type="checkbox"/> OFF
Controlla dimensione Target	<input type="checkbox"/> OFF
Mostra info nel client	<input checked="" type="checkbox"/> ON
Uscita allarme	
PTZ	
Valore	

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica

To take advantage of this feature may be the first thing to draw the virtual barrier in the recorded image by clicking the mouse. With the button below the image it is possible to choose whether the alarm is generated only if the crossing occurs in a specific direction or in both directions. Here's an example.



ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

TARGET THRESHOLD - E 'can define whether you want to detect a person, a vehicle, or both. In indoor or in case of close-ups it is recommended to use the AUTO PERSON option because the detection would not be effective.

DIMENSION CHECKING TARGET - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON  Trace OFF 

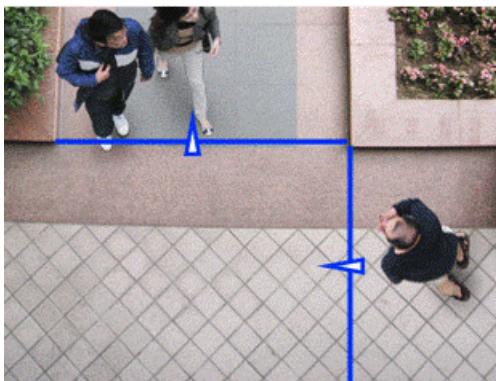
ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

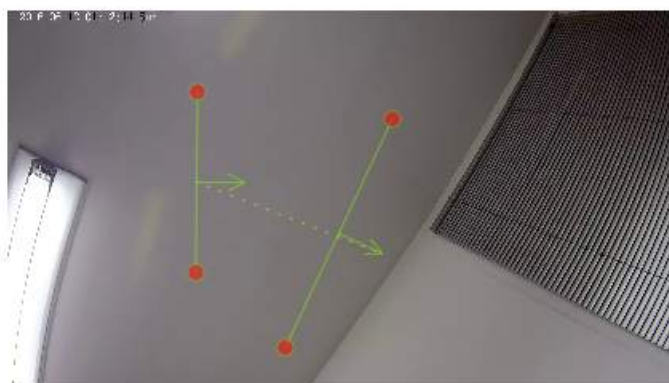
CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)


## Double virtual barrier

The video analysis DOUBLE BARRIER VIRTUAL serves to detect whether a subject is more than two predefined line in some time.










 Doppia barriera virtuale



Direzione 

Elimina

Attiva	<input type="checkbox"/> OFF
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Soglia target	<input type="checkbox"/> OFF
Controlla dimensione Target	<input type="checkbox"/> OFF
Mostra info nel client	<input type="checkbox"/> OFF
Tempo min. fra rilevazioni (s.)(Sec)	<input type="text" value="5"/>
Uscita allarme	
PTZ	

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
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Gio																									
Ven																									
Sab																									

Aggiorna

Applica

To take advantage of this feature may be the first thing to draw the double virtual barrier in the recorded image by clicking the mouse. They define two virtual barriers that you can move and size it by clicking the extremes.

With the button under the picture you can choose the direction crossing that triggers the alarm. Here's an example.



ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

TARGET THRESHOLD - E 'can define whether you want to detect a person, a vehicle, or both. In indoor or in case of close-ups it is recommended to use the AUTO PERSON option because the detection would not be effective.

DIMENSION CHECKING TARGET - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON  Trace OFF 

MINIMUM TIME BETWEEN OBSERVATIONS - The alarm is generated only if the crossing of the two lines occurs within the time set.

ALARM OUTPUT - If the camera is equipped with alarm outputs can activate later



the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN)

following the detection

CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)



## Stay

STAY video analysis, known in English as loiter, is used to detect whether a single person remains in a predefined area for some time.



### Permanenza



Elimina

Attiva	<input type="checkbox"/> OFF
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Soglia target	<input type="checkbox"/> OFF
Controlla dimensione Target	<input type="checkbox"/> OFF
Tempo minimo(Sec)	<input type="text" value="10"/>
Abilita analisi percorso	<input checked="" type="checkbox"/> ON
Mostra info nel client	<input type="checkbox"/> OFF
Uscita allarme	

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica

To take advantage of this feature may be the first thing to draw the detection area by clicking with the mouse. Once all the corners of the perimeter defined click with the right text to close the figure. Here's an example.



Note that the lines you draw can not cross. E 'possible to realize any polygon sides up to 32 maximum. E 'can achieve more than one polygon in the same image.

ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

TARGET THRESHOLD - E 'can define whether you want to detect a person, a vehicle, or both. In indoor or in case of close-ups it is recommended to use the AUTO PERSON option because the detection would not be effective.

DIMENSION CHECKING TARGET - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

MINIMUM TIME - The alarm is generated only if the permanence of the subject area exceeds the set time.

PATH ANALYSIS ENABLE - Enabling this function makes more accurate detection by analyzing the type of movement that accomplishes the subject and identifying a suspicious permanence. For example non-alarm will generate a subject that enters the detecting area and the crosses following a straight path.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon



# INTELLIGENT USER ANALYSIS

## STANDARD RH - IP CAMERAS ONVIF



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Track ON



Trace OFF



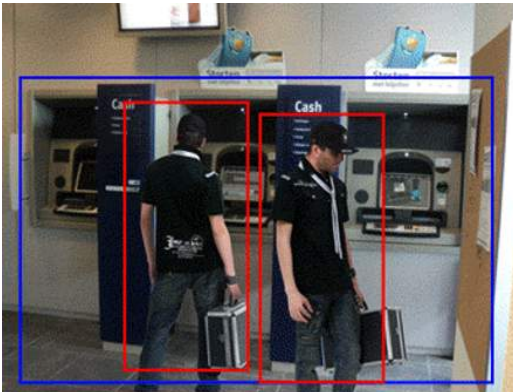
ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

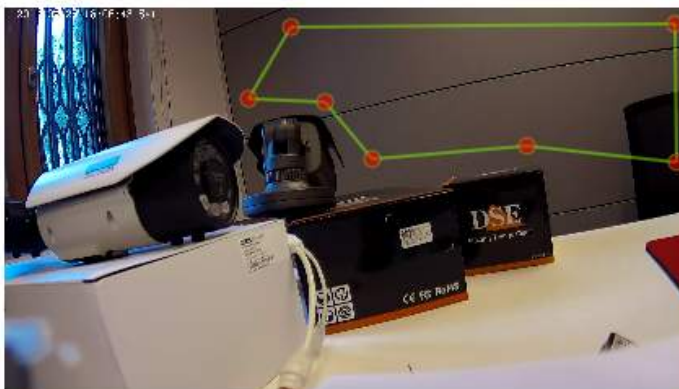
CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)

## Multi Stay

The video analysis MULTI STAY, is used to detect if other persons remain in the default area for some time.



### Multi permanenza



Elimina

Attiva	<input checked="" type="checkbox"/> ON
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Controlla dimensione Target	<input type="checkbox"/> OFF
Numero target	<input checked="" type="checkbox"/> ON
Numero minimo	<input type="text" value="1"/>
Numero massimo	<input type="text" value="5"/>
Tempo minimo(Sec)	<input type="text" value="10"/>
Uscita allarme	

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica

To take advantage of this feature may be the first thing to draw the detection area by clicking with the mouse. Once all the corners of the perimeter defined click with the right text to close the figure. Here's an example.



Note that the lines you draw can not cross. E 'possible to realize any polygon sides up to 32 maximum. E 'can achieve more than one polygon in the same image.

ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

DIMENSION CHECKING TARGET - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

TARGET NUMBER - This defines the minimum and maximum number of persons allowed to remain in the detection area. If the number of subjects is outside of this range the alarm is generated. If this parameter is left OFF any number of subjects generates alarm.

MINIMUM TIME - The alarm is generated only if the permanence of the subject area exceeds the set time.

ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)

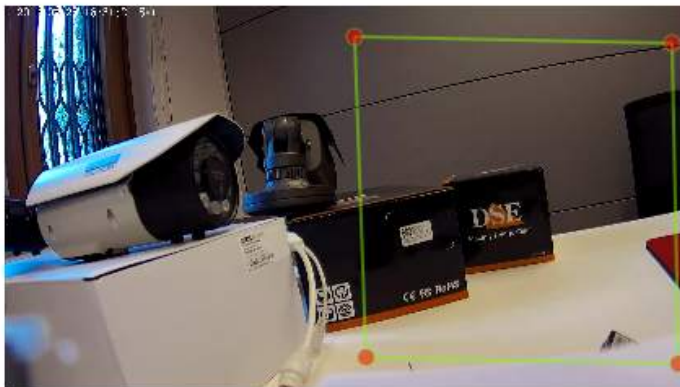


## Subject abandoned

The video analysis OBJECT OF ABANDONED, is used to detect if an object is placed in a predefined area and remains there for some time.



Oggetto abbandonato



Elimina

Attiva	<input checked="" type="checkbox"/> ON
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Dimensione minima(cm2)	<input type="text" value="100"/>
Dimensione massima(cm2)	<input type="text" value="10000"/>
Min. tempo permanenza(Sec)	<input type="text" value="5"/>
Mostra info nel client	<input type="checkbox"/> OFF
Uscita allarme	
PTZ	<input type="button" value="v"/>

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica



To take advantage of this feature may be the first thing to draw the detection area by clicking with the mouse. Once all the corners of the perimeter defined click with the right text to close the figure. Examples of detection area can be seen in the previous chapters. Note that the lines you draw can not cross. E 'possible to realize any polygon sides up to 32 maximum. E 'can achieve more than one polygon in the same image.

ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

MINIMUM SIZE / MAX - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

MINIMUM TIME STAY - The alarm is generated only if the object permanence in the area exceeds the set time.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON  Trace OFF 

ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)



# Subject removed

The video analysis OBJECT REMOVED, is used to detect whether a selected object is removed from his position.



**Oggetto rimosso**



**Elimina**

Attiva	<input checked="" type="checkbox"/> ON
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Dimensione minima(cm2)	<input type="text" value="100"/>
Dimensione massima(cm2)	<input type="text" value="10000"/>
Tempo minimo rimozione(Sec)	<input type="text" value="5"/>
Mostra info nel client	<input type="checkbox"/> OFF
Uscita allarme	
PTZ	

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

**Aggiorna**

**Applica**





To take advantage of this feature may be the first thing to draw detection area by clicking with the mouse around the object being monitored. Once all the corners of the perimeter defined click with the right text to close the figure. Examples of detection area can be seen in the previous chapters.

ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

MINIMUM SIZE / MAX - E 'can establish a dimension of the target to be monitored indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

MINIMUM TIME REMOVAL - The alarm is generated only if the object disappears from the detection for a time greater than that set.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON



Trace OFF



ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)



# abnormal speed

The video analysis SPEED 'ANOMALA, is used to detect whether a subject moves at an abnormal speed within a predefined area.



## Velocità anomala



Elimina

Attiva	<input checked="" type="checkbox"/> ON
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Soglia target	<input type="checkbox"/> OFF
Controlla dimensione Target	<input type="checkbox"/> OFF
Velocità minima(m / s)	<input type="text" value="0"/>
Velocità massima(m / s)	<input type="text" value="5"/>
Mostra info nel client	<input type="checkbox"/> OFF
Uscita allarme	

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica



To use this function, the first thing to draw detection area by clicking with the mouse on the shooting scene. Once all the corners of the perimeter defined click with the right text to close the figure. Examples of detection area can be seen in the previous chapters.

ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

TARGET THRESHOLD - E 'can define whether you want to detect a person, a vehicle, or both. In indoor or in case of close-ups it is recommended to use the AUTO PERSON option because the detection would not be effective.

DIMENSION CHECKING TARGET - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

SPEED 'MAXIMUM / MINIMUM - E' can determine the minimum and maximum speed NOT permitted in m / sec. The system will generate alarm if the subject is moving at a speed comprised in this range.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON



Trace OFF



ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

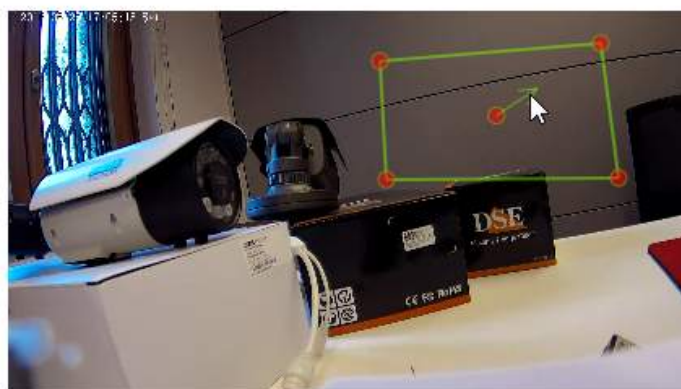
CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)

## reversal

REVERSAL video analysis is used to detect whether a subject is moving within an area in a certain direction.



 Inversione



Elimina

Attiva	<input checked="" type="checkbox"/>
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Soglia target	<input checked="" type="checkbox"/>
Tipo	Persona o auto ▼
Controlla dimensione Target	<input checked="" type="checkbox"/>
Dimensione minima(cm2)	<input type="text" value="1000"/>
Dimensione massima(cm2)	<input type="text" value="100000"/>
Mostra info nel client	<input checked="" type="checkbox"/>

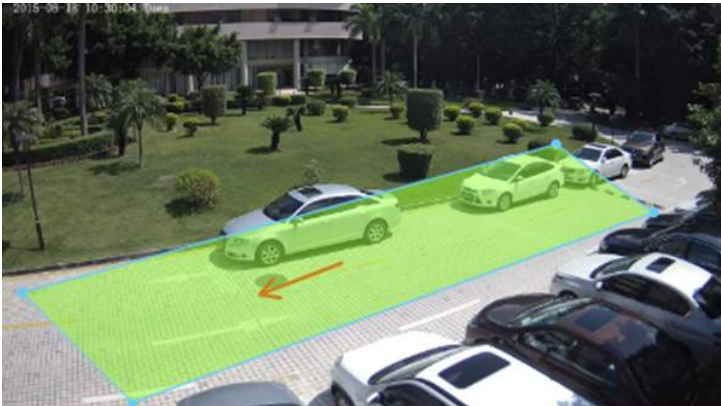
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica

To use this function occurs as first thing trace detection area by clicking

the mouse on the shooting scene. Once all the corners of the perimeter defined click with the right text to close the figure. Examples of detection area can be seen in the previous chapters. Within the area traced appear an arrow that indicates the direction that if prohibited Traveled generate alarm. And 'possible to rotate the arrow direction 360 ° by dragging it with the mouse.



ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

TARGET THRESHOLD - E 'can define whether you want to detect a person, a vehicle, or both. In indoor or in case of close-ups it is recommended to use the AUTO PERSON option because the detection would not be effective.

DIMENSION CHECKING TARGET - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm2) and maximum (1000000 cm2) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON  Trace OFF 

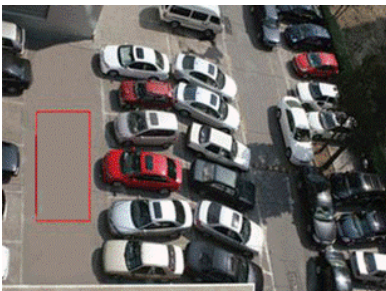
ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)

## No parking

The video analysis PARKING PROHIBITED used to detect the persistence of one or more persons within defined area for longer than the authorized time.



 Sosta vietata



Elimina

Attiva	<input type="checkbox"/> OFF
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Dimensione minima(cm2)	<input type="text" value="1000"/>
Dimensione massima(cm2)	<input type="text" value="1000000"/>
Tempo consentito(Sec)	<input type="text" value="5"/>
Mostra info nel client	<input type="checkbox"/> OFF
Uscita allarme	
PTZ	<input type="button" value="v"/>

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica

To take advantage of this feature may be the first thing to draw the detection area by clicking with the mouse. Once all the corners of the perimeter defined click with the right text for



close the figure.

ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.

MINIMUM SIZE / MAX - E 'can establish a dimension of the target to be detected indicating a minimum value (factory of 1000 cm<sup>2</sup>) and maximum (1000000 cm<sup>2</sup>) factory. Because this setting to take effect must be carefully set the "actual size of the scene" in the ADVANCED section.

TIME ALLOWED - The alarm is generated only if the permanence of the subject area exceeds the set time.

EXHIBITION ABOUT THE CLIENT - If you enable this function, the intruder's motion will be highlighted in the attached browser if you click the button with this icon

Track ON



Trace OFF



ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)

# Tampering

TAMPERING video analysis is used to detect abnormal events that change the view of the camera in a comprehensive way. Examples of tampering are detectable masking the camera with an object or the change of the entire scene due to the displacement of the camera.

The video analysis TAMPERING intervene even when the image quality provided by camera deteriorates excessively.

## Manomissione



Attiva	<input checked="" type="checkbox"/>
Intervallo di Allarme(1-1800S)	<input type="text" value="10"/>
Uscita allarme	
PTZ	▼
Valore	▼

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dom																									
Lun																									
Mar																									
Mer																									
Gio																									
Ven																									
Sab																									

Aggiorna

Applica

This function, unlike the previous ones, acts on the whole framed area. To generate the changes of the alarm must affect at least 75% of the scene.

ACTIVE - Turns detection. This switch is important if you want to pause the recording without losing the set configuration. INTERVAL

ALARM - From 1 to 1800 sec. It indicates the alarm duration. The camera will not generate a new event until the first is finished.



ALARM OUTPUT - If the camera is equipped with alarm outputs it is possible to activate following the detection

PTZ / VALUE - If the camera is equipped with tilt is possible to invoke an automatic movement (PRESET, SCAN, TOUR, PATTERN) following the detection

CALENDAR - In the chart at the bottom page is possible to define in which time slots and days of the week that you want to activate the detection (the blue squares mean enabled band)





