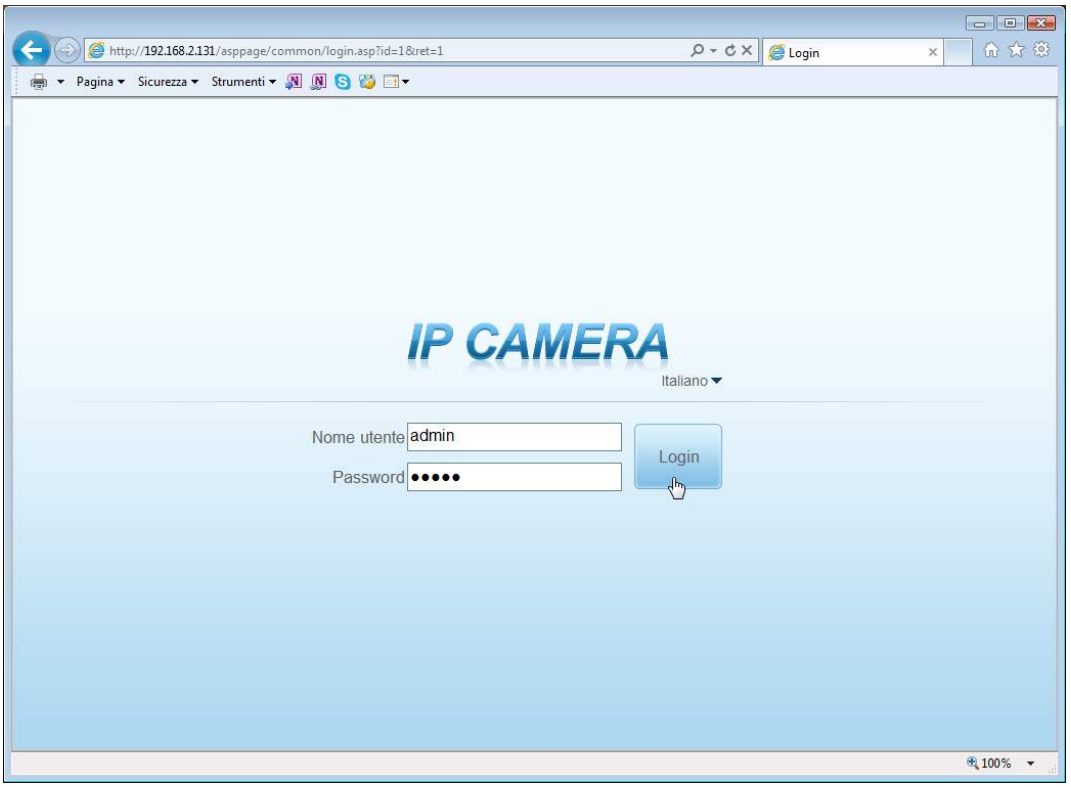
Configuration Options

IP Cameras RH SERIES - GUI Version

B



Introduction

The RH Series cameras boast a number of configurable operating options. Unlike the majority of network cameras on the market the RH series cameras allow you to customize these settings by cameras with different types of client.

And 'possible to completely configure the cameras from a PC using any browser (IE, Chrome, Safari etc.), or through the supplied monitoring software. It 'also possible to configure smartphone with the free DSE Smartlive application. In this manual we are explained one by one all the configuration options by referring **access by PC with the browser.**

The same options are found to be identical in the configuration software application DSE Smartlive, which are dedicated to specific content in the CD manual.

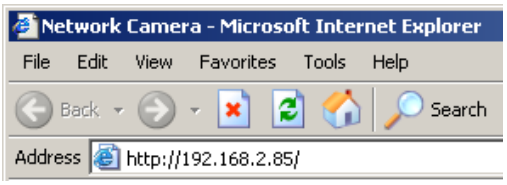
with browser access

In the camera installation manual explains how to access the cameras with your PC using a web browser

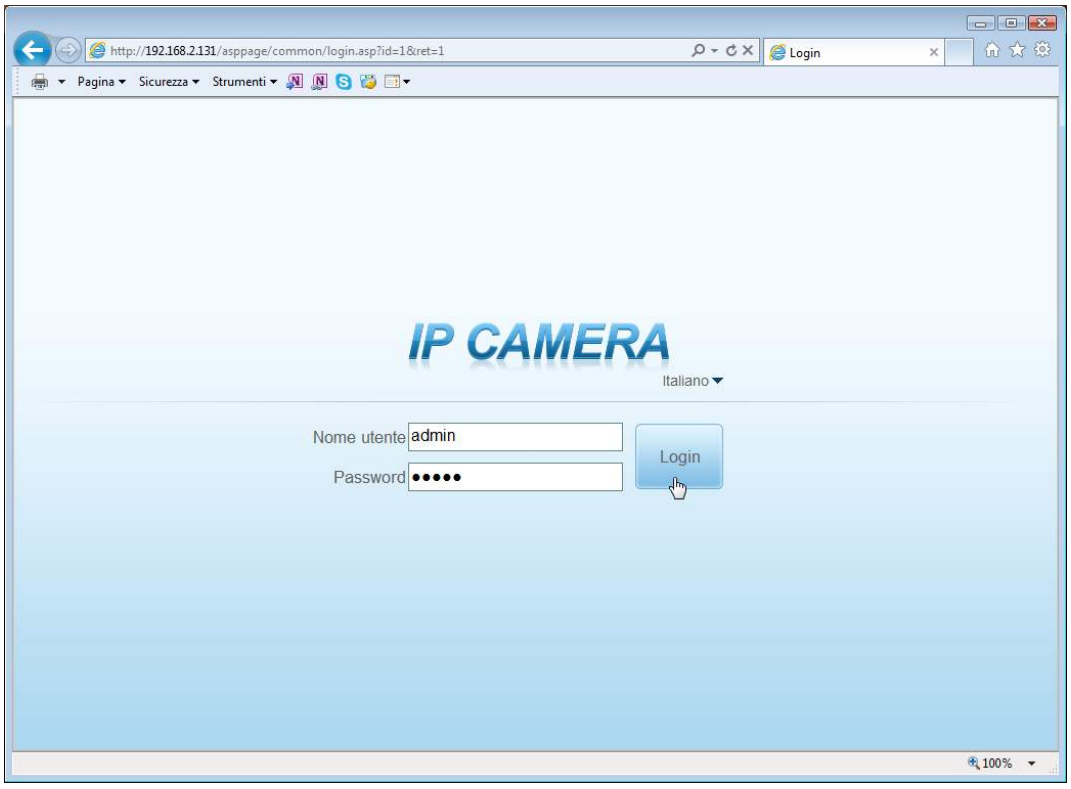
Thanks to Flash technology, supported by RH series cameras can use the browser of your choice, such as INTERNET EXPLORER, SAFARI, FIREFOX, CHROME etc.

However, in order to have control of all configuration options you may want to access with Internet Explorer and activeX as shown in the installation manual.

To access the camera using the Internet browser just type the address in the browser bar as in the following example:



A window will appear first log-in for entering username and password for access.



The RH Series of cameras factory login details are:

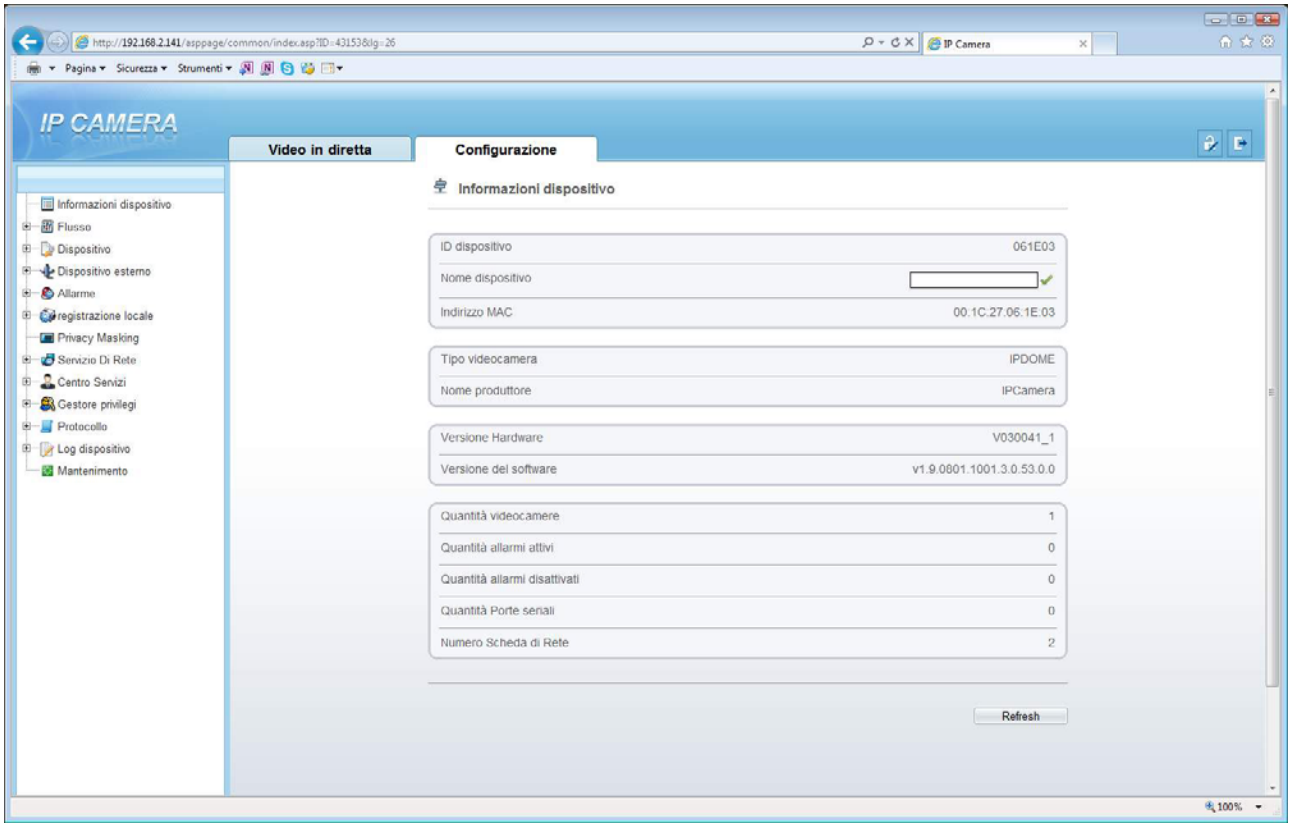
USERNAME: admin PASSWORD:

admin

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

Italian language.

The access to the camera control mask.



On the left side of the window are The camera configuration buttons which will be discussed in this manual.

CAUTION - E 'can connect several clients simultaneously up to a maximum of 10 per camera client.

PLAYING WITH BROWSER ACTIVEX

The use of Flash technology in the face of great convenience, can increase the latency in the video stream. This means that the images are visible on the screen with a small lag behind the actual event.

In the vision with the browser, provided you use Internet Explorer, you can reduce the

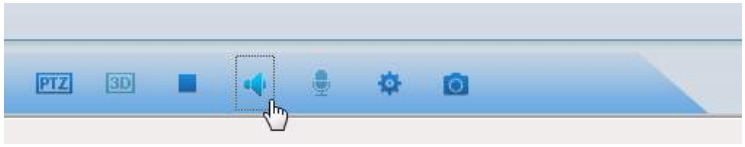
Latency moving from vision to vision with FLASH ACTIVEX it plans to install in the browser control components.

To switch from display to display Flash ActiveX press the link located under the LIVE Vision window.

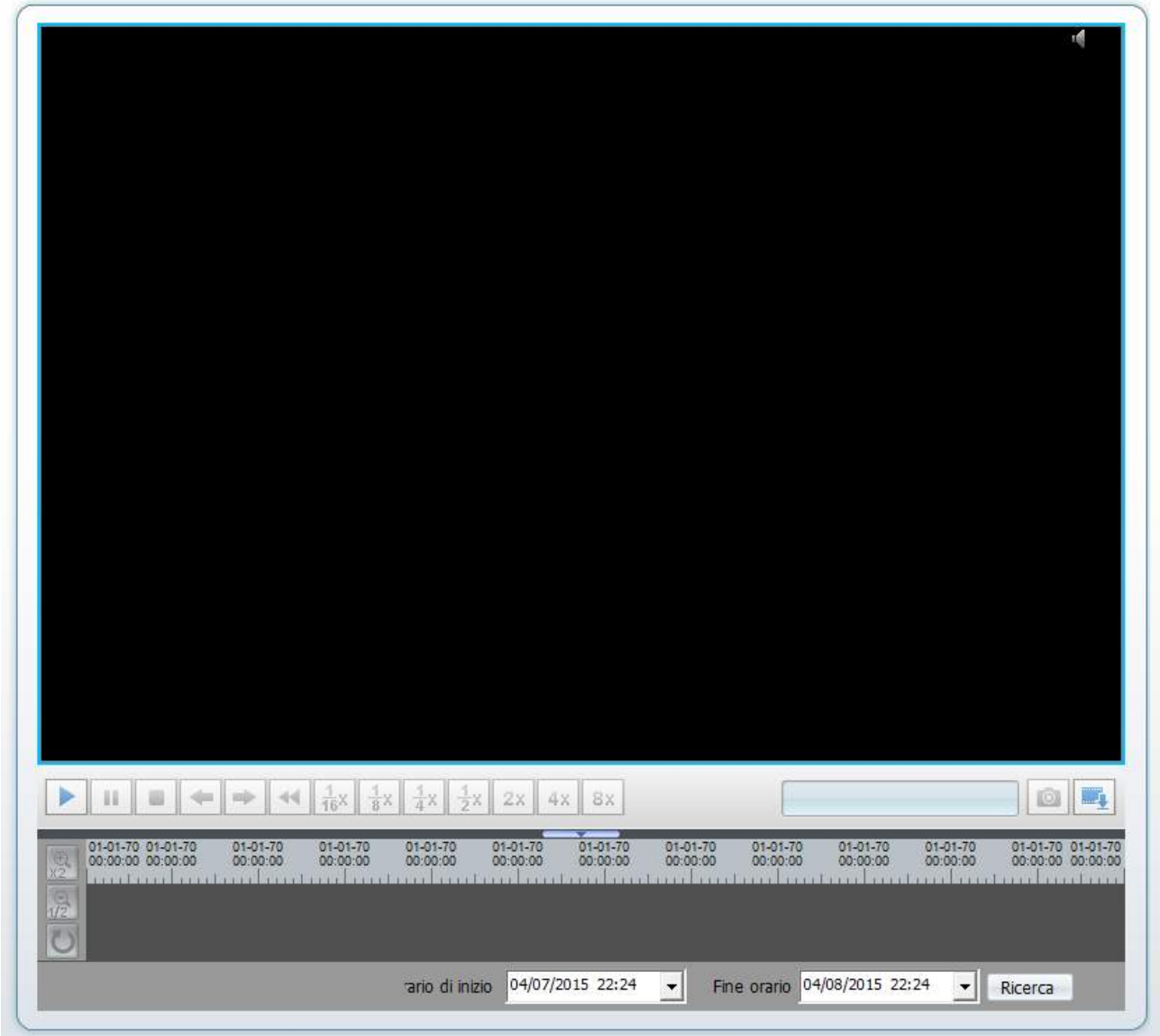
It will install the ActiveX component. If this does not happen, check the IE security settings as shown in the installation manual. Access with Active X is not possible with browsers other than Internet Explorer.

In these cameras with access ActiveX makes visible some controls that are not available in FLASH mode:

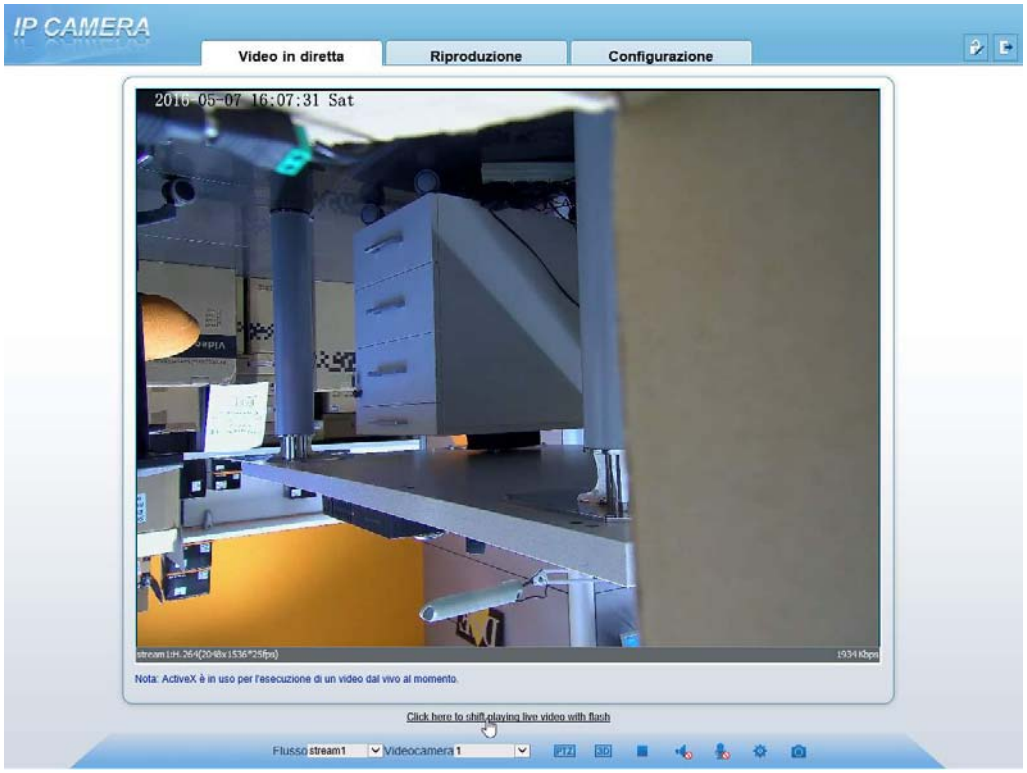
MANAGEMENT AUDIO



PLAYING VIDEOS RECORDED ON SD CARD

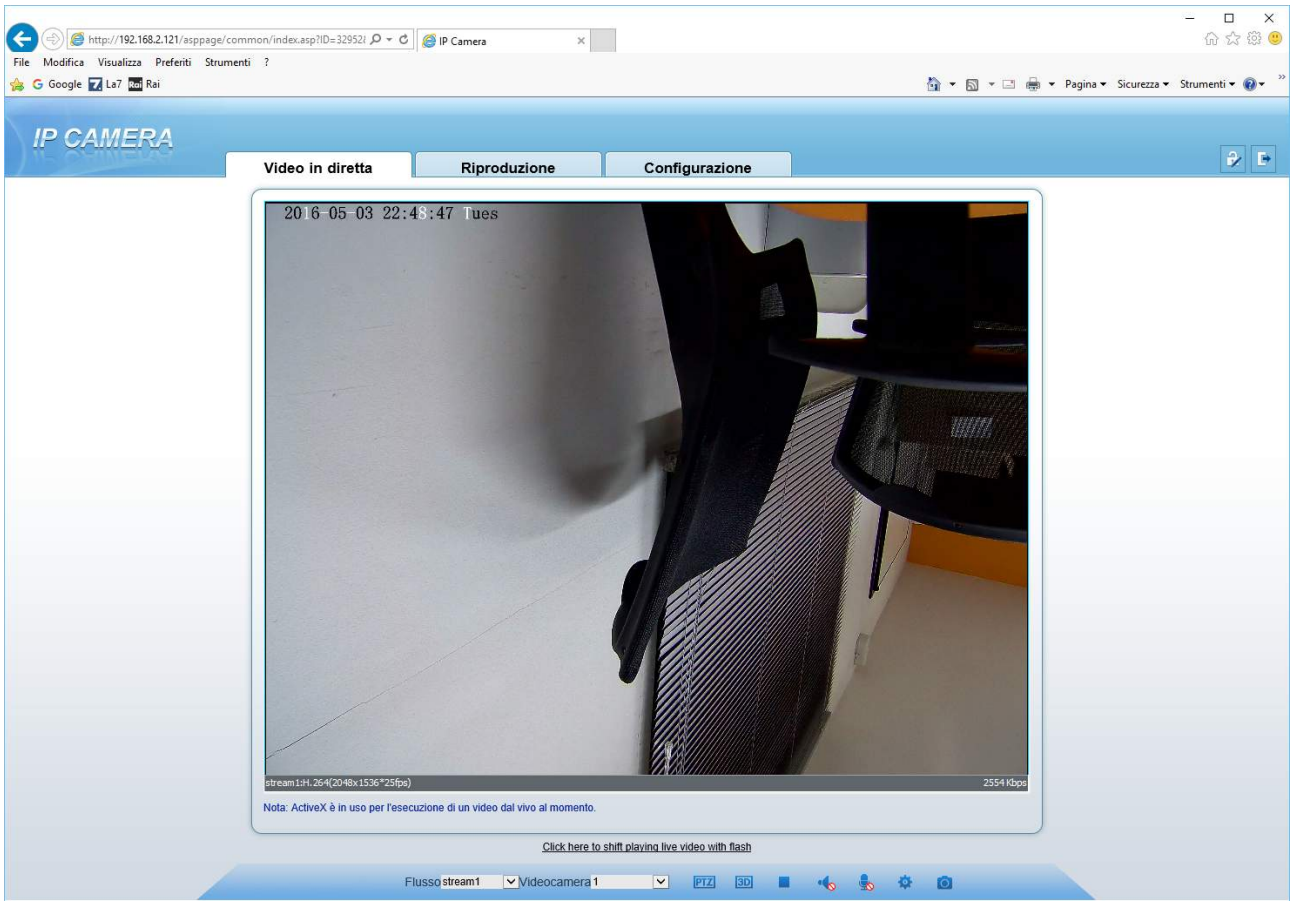


To switch between visualization with Flash than with ActiveX always use the link under the picture.


IP CAMERA
Video in diretta
Riproduzione
Configurazione
2016-05-07 16:07:31 Sat
Nota: ActiveX è in uso per l'esecuzione di un video dal vivo al momento.
Click here to shift playing live video with flash
Flusso stream1
Videocamera 1
PTZ
3D

live Vision

The live video window looks like this



At the top of your browser window there are tabs for selecting between live video and configuration (the PLAY tab is available only with Internet Explorer and activeX)

In the viewing window in direct there are some controls at the bottom of the window

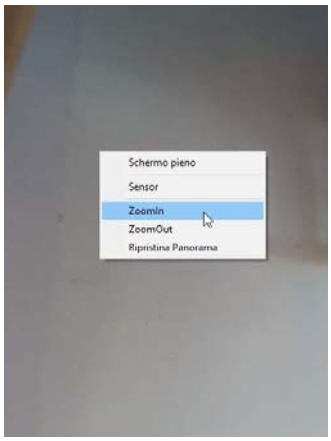
FLOW - Select which stream to use for playback between those managed by the camera CAMERA - For future implementations

PTZ - Opens the motion control of the motorized versions

3D - This function is used when using motorized cameras and is active rule. 3D motion is to draw with the mouse The area of interest. The motorized camera is suitably move to frame. If 3D is disabled, tracing the frame on the monitor will only get a digital zoom on the detail as would happen if the camera had not PTZ movement.

- Pauses live TV
- Audio controls to enable playback of 'audio input and output
- Accesses sensor settings (see separate instructions)
- Catch a live frame

During LIVE viewing you can click the right mouse button



E 'can control the digital zoom in the image (ZOOM IN / OUT), and click PANORAMA RESET to return to the natural vision. With the FULL SCREEN voice switch to watch one live full screen image.

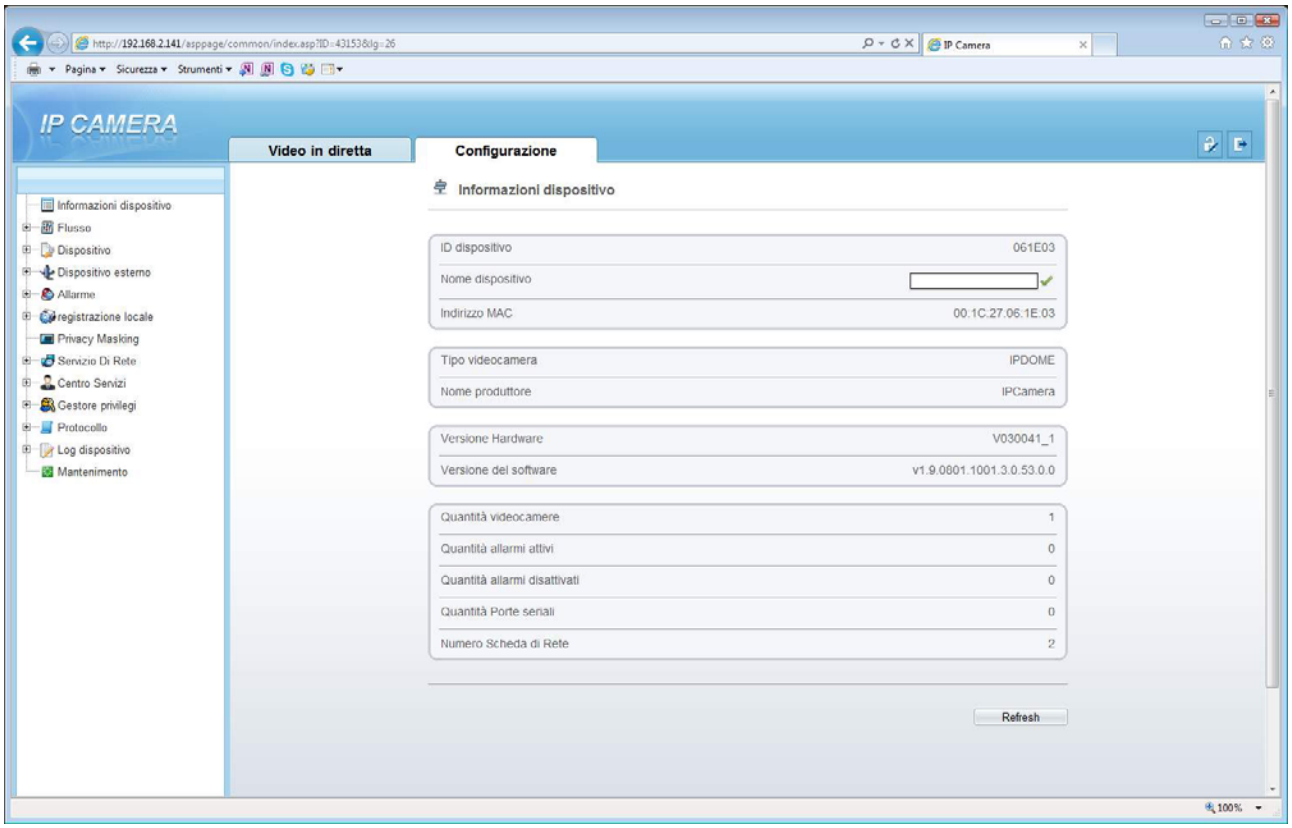
Note that the digital zoom is controlled using the mouse wheel or by drawing a box with the mouse on detail to enlarge

With the SENSOR entry is accessed to the programming of the camera CMOS sensor to intervene on the video output.

The sensor configuration is the subject of a separate manual.

Camera Configuration

All the camera setup pages are accessible via the buttons on the left of the web interface screen once clicked the CONFIGURATION tab



Here in this chapter we will analyze one by one all the options that are located in these folders.


Informazioni dispositivo
Flusso
Dispositivo
Dispositivo esterno
Allarme
registrazione locale
Privacy Masking
Servizio Di Rete
Centro Servizi
Gestore privilegi
Protocollo
Log dispositivo
Mantenimento

INFORMATION DEVICE

This window shows all the camera data and its capabilities.

The device name can be edited on the basis of its position so that you can easily identify. To set a new name, type it in the text box.

Other data in the window are read-only and provide information on the hardware and software version of the camera and the range of accessories.

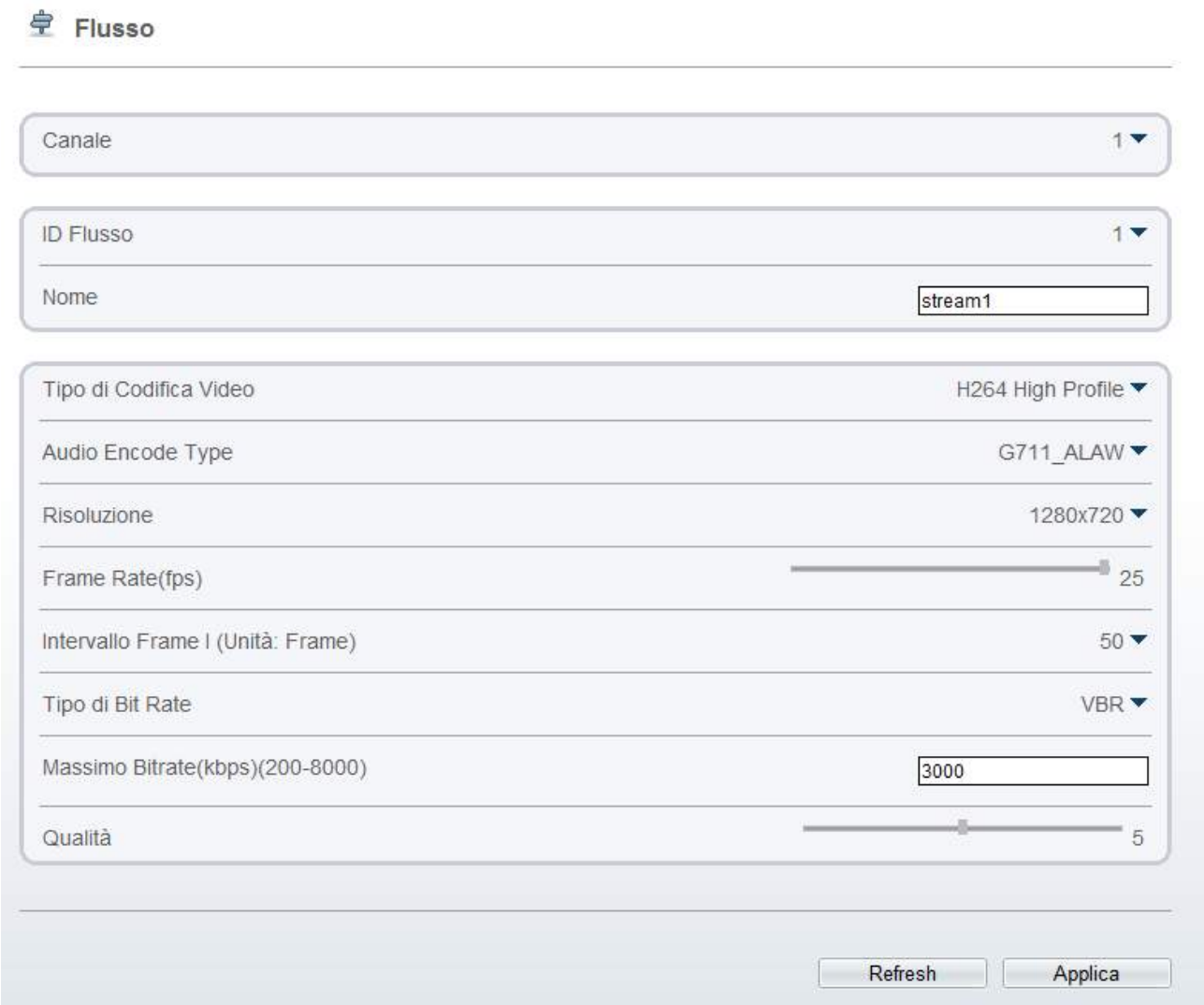
STREAM / STREAM BASED

In this section you will set all the parameters that regulate the camera video stream and determining their heaviness in terms of bandwidth requirement available. It is a fundamental adjustment in the economy of a CCTV system over IP and is often mistakenly overlooked with the result of burdening the client and obtain long latencies (delays between action and image).

The cameras fact are delivered with factory settings which require considerable bandwidth consumption in order to show the user the highest quality video. However, it is not said that these settings are totally exploitable in the context in which it is located. The first factor to consider is the network transfer capacity. The local networks typically support large transfer bandwidth and allow the use of streams in full resolution, unlike the connection through the Internet requires the use of a lighter stream low resolution to avoid excessive loss of frames. The second factor to consider is the device used as a client (PC, cell phone, etc.). More will be fast to its processing capacity,

The third factor is of course the number of cameras that the client should be able to play.

If you connected to a PC multiple cameras simultaneously with the software NetVMS Show us one at a time and adjust the bandwidth occupied by the streaming that appears superimposed intervening in the settings of the camera so as to maintain it at a value not excessive. On a local network typically by adjusting the streaming to engage a maximum of 2000 Kbps for camera you get one FullHD streaming of good quality and can be connected to many cameras without introducing much latency.



Each camera can generate up to 2 different types of video streams that you can choose from the client when making the connection. This way you can easily adapt to the bandwidth that you have available. For example, if we have access to the camera through a mobile connection with low bandwidth availability we will choose to receive a stream with low resolution and frame rate.

FLOW ID - Select the stream to program: 1 or 2. The one stream is the main stream with higher resolution to use when connecting to internal network. Stream 2 is a lighter stream at reduced resolution may be used in connection via the Internet.

FIRST NAME - Assign a custom identification name to the stream

ENCODE VIDEO - Select video compression to use for the selected stream. We recommend compression with greater performance: H264 HIGH PROFILE. However, there are, for coupling with particular devices, other H264 mode (Basic / Main Profile) and the now little-used, high-quality compression MJPEG but high bandwidth consumption.

CODE AUDIO - Choose compression for audio. Recommended the factory option: G711_ALAW used in Europe. GT11-ULAW is a format typically used in the US and Japan. RAW-PCM is an uncompressed format.

RESOLUTION - Defines the resolution of the video stream.

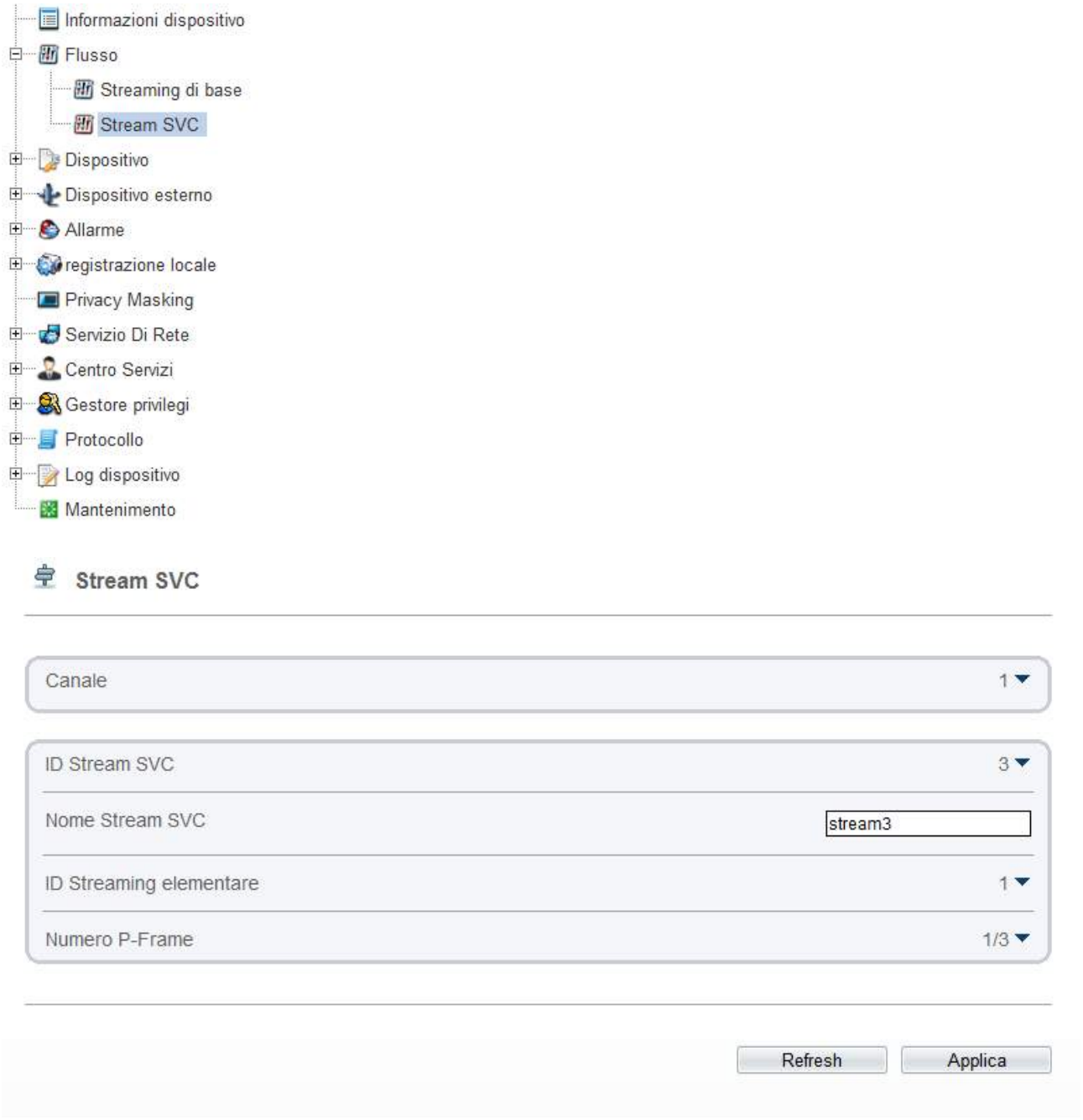
FRAME RATE - The number of frames per second that make up the video stream (max. 25). Consider that 25 f / sec corresponds to the so-called real-time ie the television standard in which the human eye does not perceive the individual frames but a single uninterrupted sequence. Generally it is also possible to reduce this parameter up to 10/12 f / sec without perceiving large video fluidity differences and thus saving a lot of bandwidth.

INTERVAL FRAME - E 'the interval between two consecutive I-Frame in the H.264 compression and can be set from 1 to 75 (Default 50). This parameter acts directly on compression. If you reduce the interval between I-frame stream will be heavier and less compression (high quality video). Conversely, if you increase the compression interval increases and reduces the occupation of bandwidth. The default value of 50 is normally a good compromise to get a good compromise between quality and bandwidth occupied.

BIT RATE - This section gives the possibility to choose between two different bandwidth management mode occupied: CONSTANT BIT RATE (CBR) and VARIABLE BIT RATE (VBR). In the CBR mode, the camera maintains a constant bit rate that can be set in the box below between 500 and 12000 Kbps. In the VBR mode instead of the camera change the bit rate in the various operating conditions so as to maintain a constant video quality. In this mode, you set the maximum bandwidth to be occupied and video quality to keep (from 1 to 9, recommended: 5/7). If you decrease the quality below the value 5 you will notice a greater pixelization due to the increased compression. It is recommended to set video quality in VBR above 7 with a low bit-rate value.

VBR mode is almost always recommended. By using it the camera will occupy more bandwidth (up to the maximum threshold) if you are in the presence of a lot of movement and reduce the occupied bandwidth in the case of still images.

FLOW / STREAMING SVC



In this section you configure an additional video stream of the camera said SVC stream. This is not a true native stream of the camera as the two streams 1 and 2 that we saw in the previous chapter, but a third virtual stream by reducing the frame rate of one of the two main streams of the camera.

ID STREAM SVC - Defines the number of virtual SVC stream (number 3) NAME STREAM SVC - E 'possible

to give an identifying name to the stream

ID STREAMING ELEMENTARY -Choose from which the main stream get streaming SVC 3.

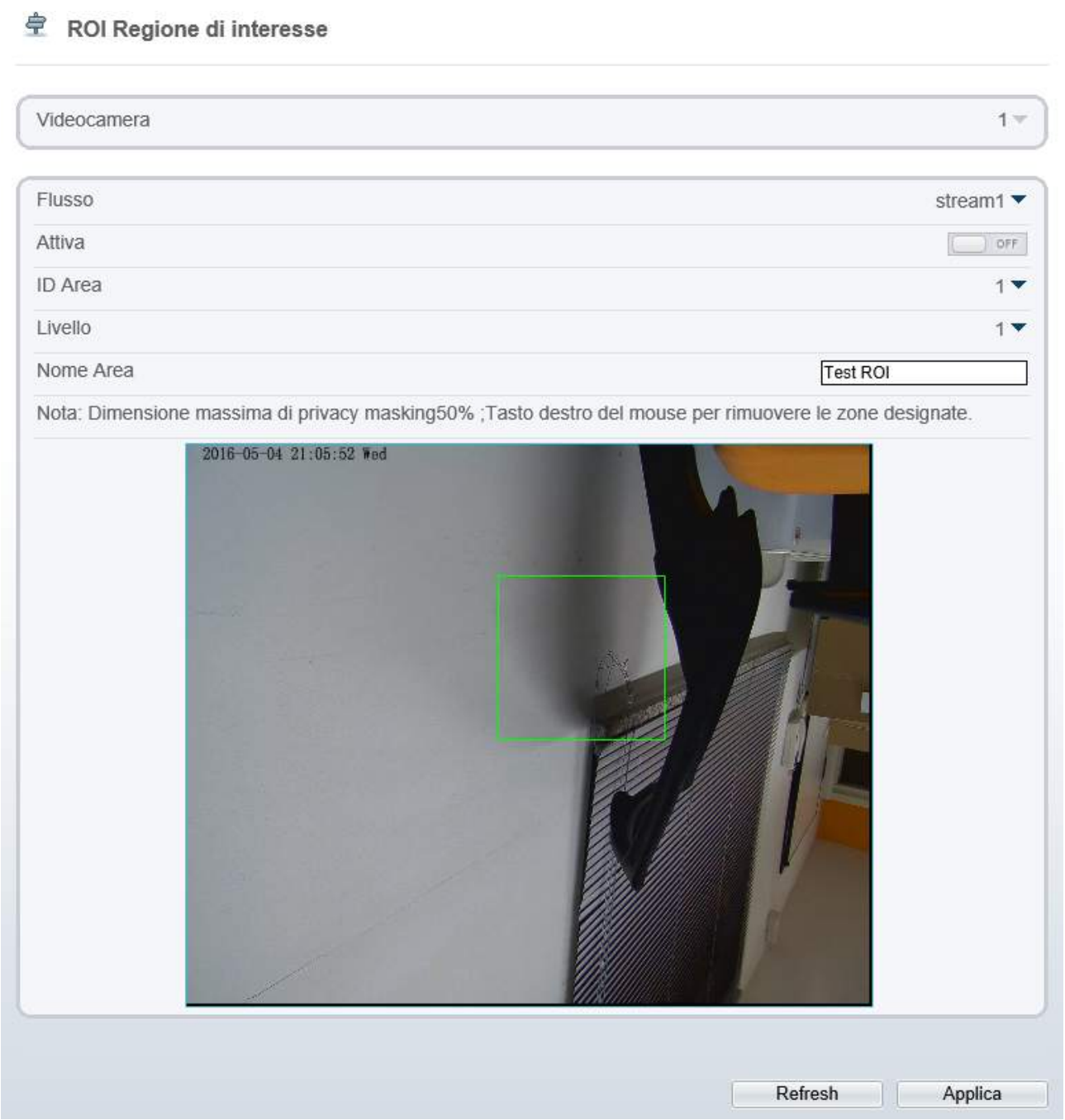
NUMBER OF FRAME - Choose what percentage of reducing the number of streaming frame

Elementary (1/2 to 1/8).

EXAMPLE - choosing as an elementary stream stream 1 to 25 f / sec, and the 1/5 frame rate streaming SVC Ranked # 3 will have the same resolution of the stream 1 but only 5 frames per second.

As with other streams of the camera you can choose to use the stream 3 via the connecting client.

FLOW / ROI REGION OF INTEREST



In this section it is possible for each video stream to manage the so-called ROI (Region Of Interest). If the image has an area of greater importance, such as a passageway, it is possible to highlight it as ROI. The camera will dedicate more bandwidth to the ROI area and less to the unimportant areas managing more efficiently the available bandwidth. FLOW - The ROI can be set for the main stream (stream 1) and for the secondary stream (stream 2)

ACTIVE - Enables ROI Management AREA ID - You can set up

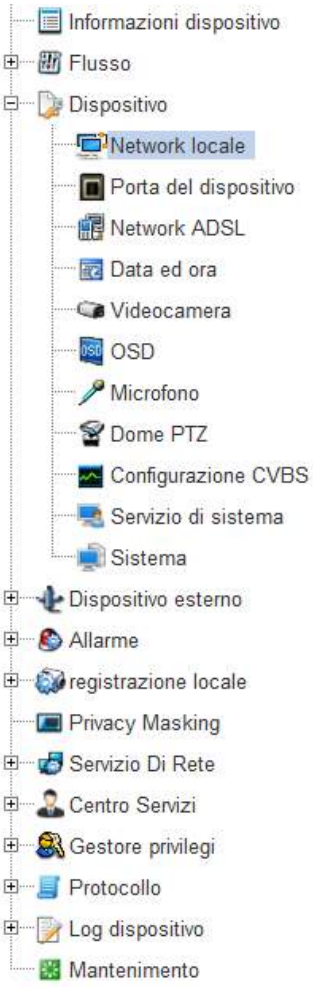
to 5 ROI

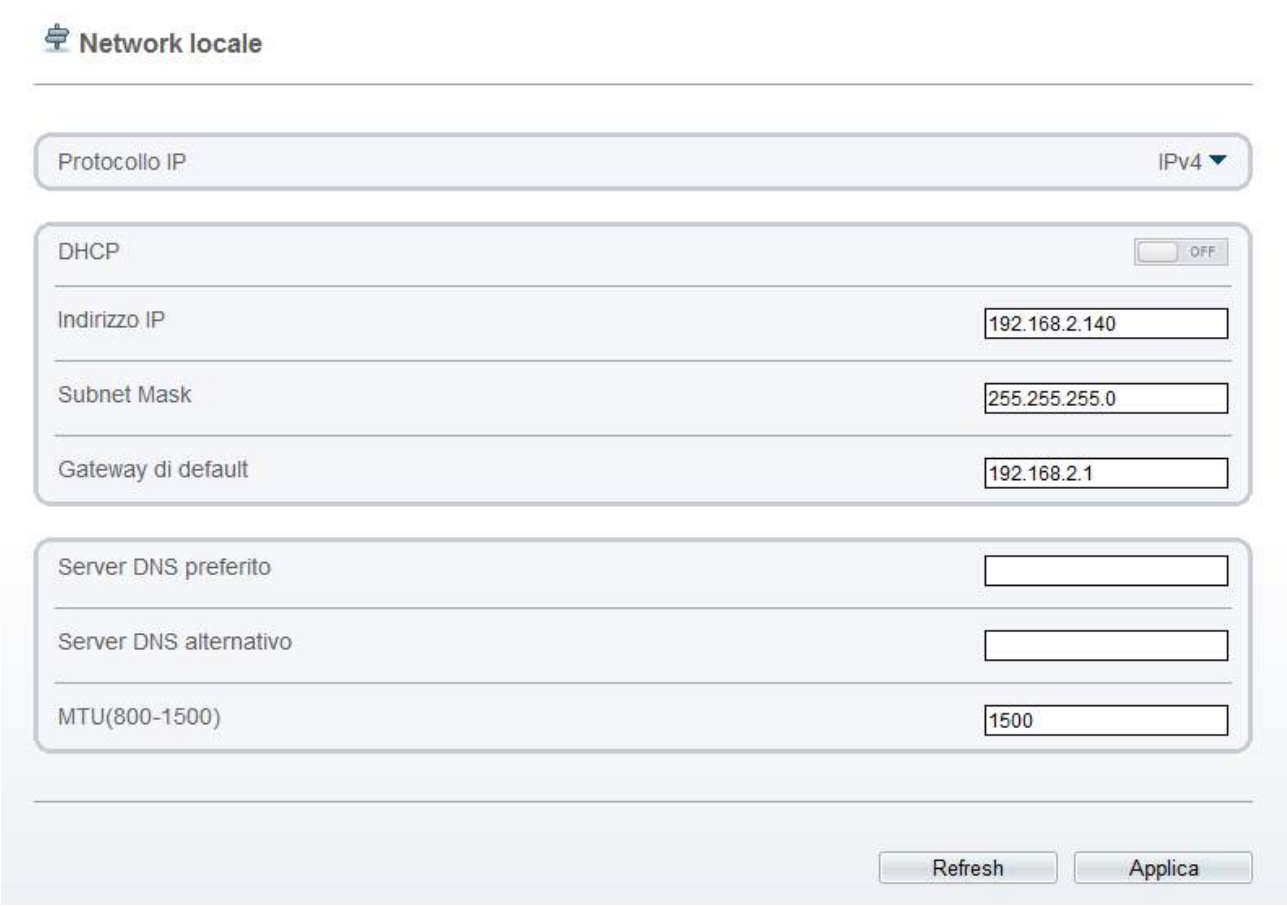
LEVEL - Each ROI may have a level of importance from 1 (most important) to 3.

AREA NAME - Each ROI may have a custom name badge

live camera image you define the ROI by dragging the mouse. Click the right button to delete your selections.

DEVICE / LOCAL NETWORK



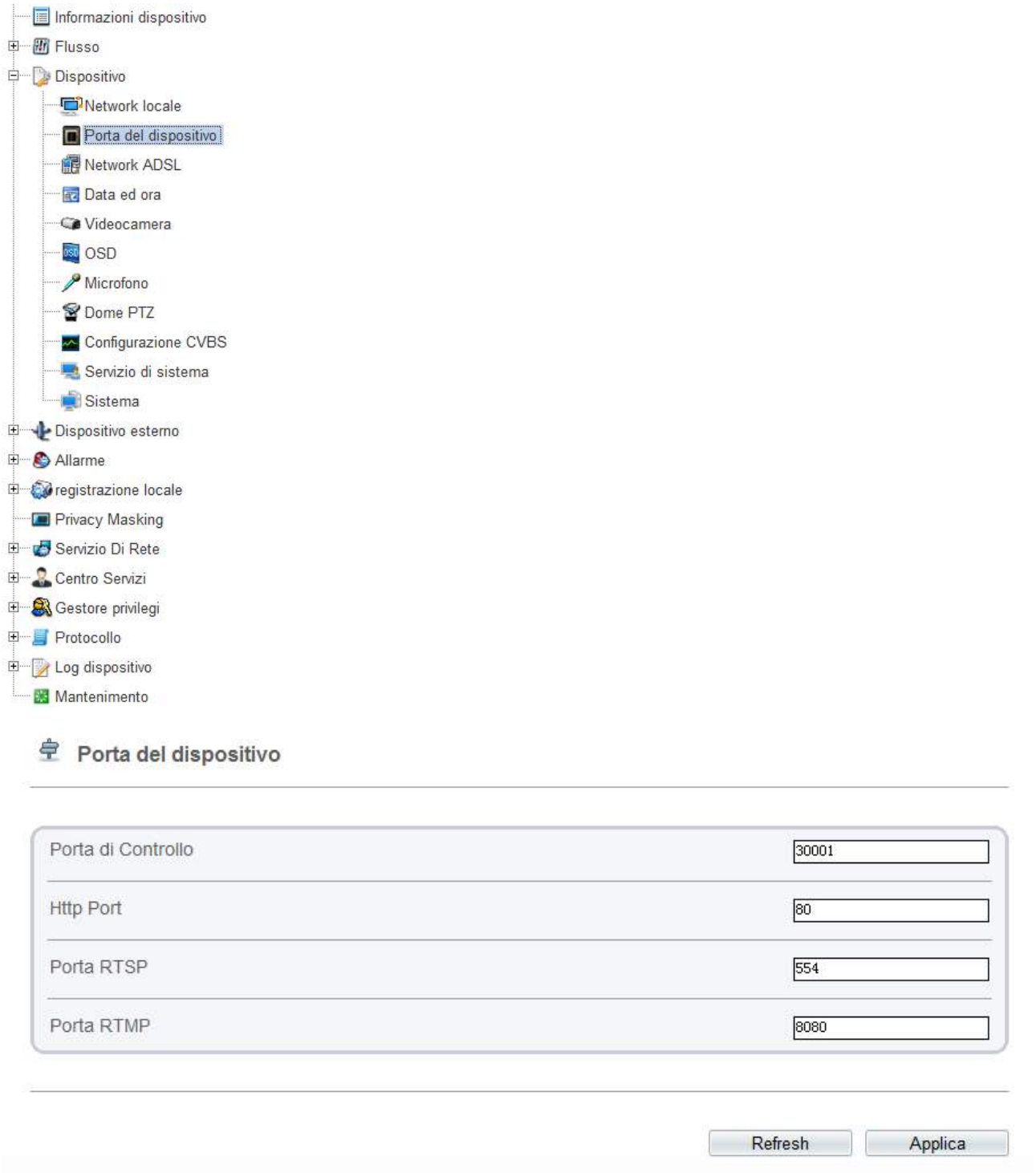


On this screen, you set the parameters of the local network LAN. Typically, these parameters are programmed during installation with IP SEARCH program.

IP PROTOCOL: The cameras support both TCP / IP IPv4 and IPv6. Before choosing this second version is necessary to ensure that it is supported by your network.

IP ADDRESS / SUBNET MASK / DEFAULT GATEWAY: The classics are parameters that allow the device to communicate with your network. The cameras support both a fixed IP address automatic assignment in DHCP. The fixed IP address is usually preferred in safety applications as from the guarantee that the address will remain invariable even during blackouts and avoids the need to reconfigure the recording devices.

DEVICE / DEVICE PORTE



In this window, you set the communication ports used by the camera. And 'advisable to not change them unless absolutely necessary.

CONTROL PORT: used for commands and streaming video

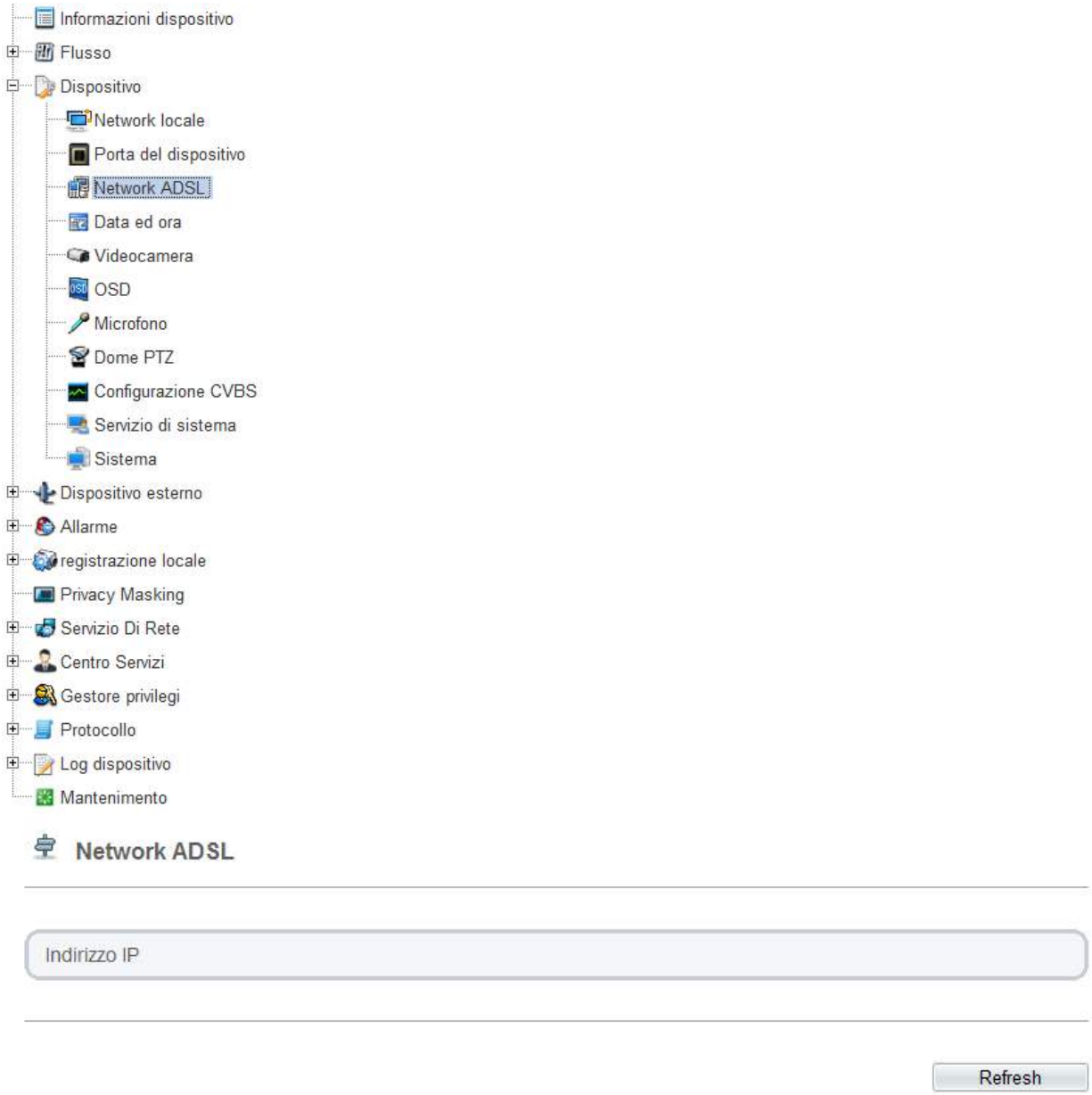
HTTP PORT: the port used by browsers. The default port 80 is used by the browser normally. If you change it you will need to specify the new port in the browser address bar. For example, to connect to the address 192.168.2.120 on port 72

enter http://192.168.2.120:72

PORT RTSP: the port used for video streaming with RTSP protocol used when the client uses this protocol (like the browser ActiveX mode).

PORT RTMP: the port used for video streaming with Flash technology The main motivation to change these ports is the need to make available multiple cameras through a router. In this case, each camera must assign a CONTROL PORT and an HTTP PORT different. For more information see the installation manual.

DEVICE / ADSL

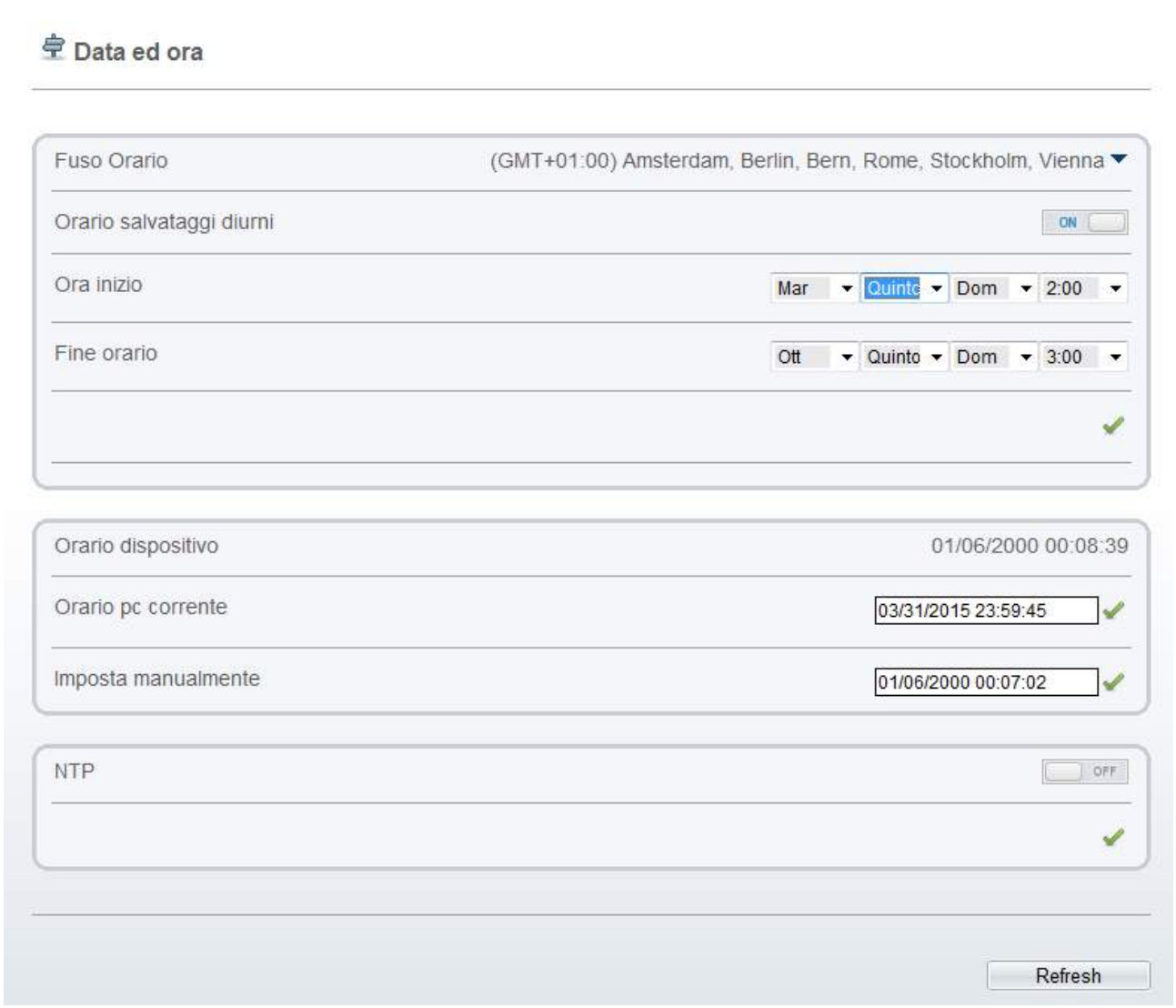


If the camera is connected to an ADSL router and the PPPoE function is enabled to establish the

Internet connection without using a PC, in this window, after a log in successfully, you will see the IP address of the WAN side.

DEVICE / DATE AND TIME

This window is used to set the date and time on the camera. The cameras support three types of settings: Automatic Obtaining by NTP Server, Synchronization with the PC clock and manual setting



TIME ZONE - Select the reference time zone. For Italy GMT + 1.

DAYLIGHT SAVINGS TIME - Allows you to set the beginning and end of summer time so that the camera will automatically adapt. In Italy and in all EU countries daylight saving time begins on the last Sunday in March and ends on the last Sunday in October. Enable Daylight Savings Time management (ON / OFF), and indicate the beginning and end of summer time. (Select FIVE-FINAL).

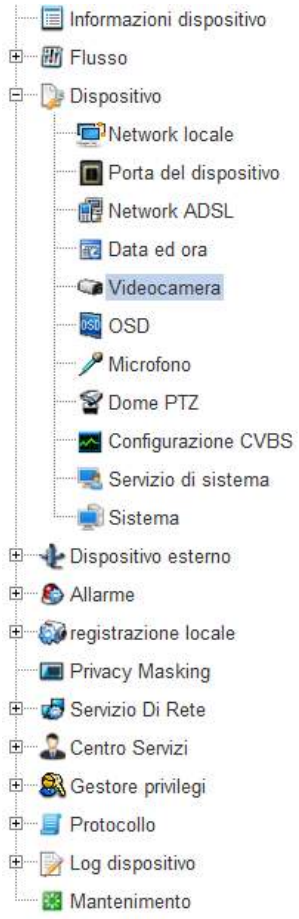
TIME DEVICE - The current date and stored in the camera's time

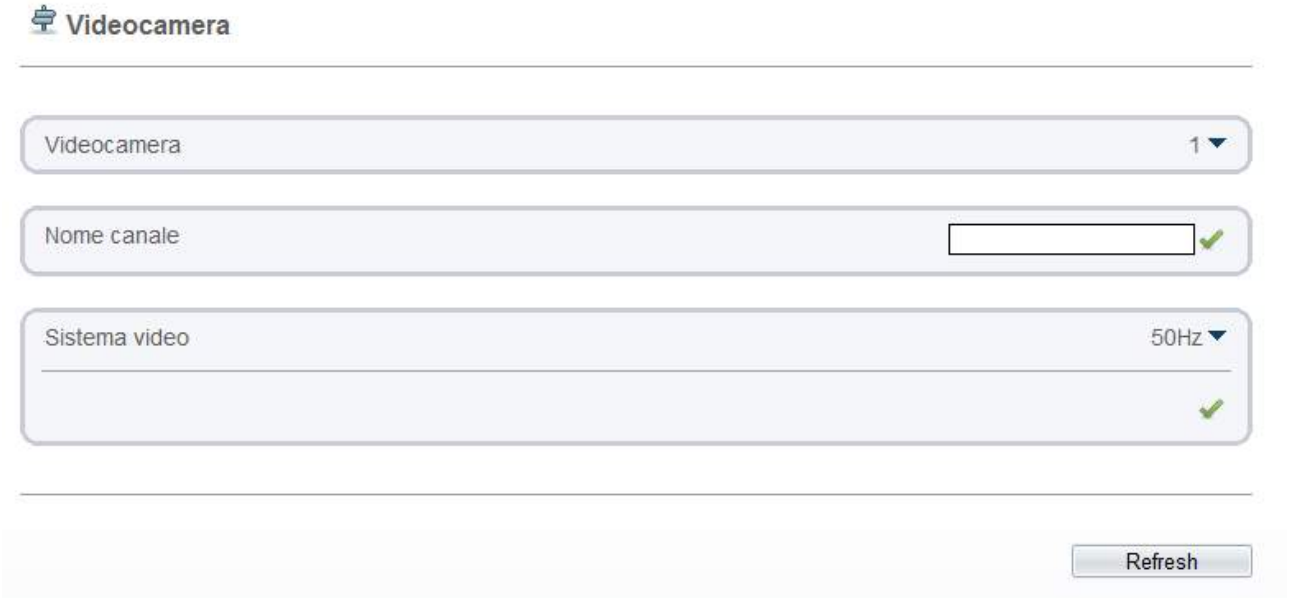
PC TIME - The time of the client computer on which you are working. Pressing the green checkmark is traferita the camera.

MAKE BY HAND - Here you can set the time and date manually and transfer them to the camera by pressing the green check mark.

NTP - you 'can make sure that the camera automatically synchronize the time and date via the internet with an NTP (Network Time Protocol). E 'can indicate the domain of the NTP server and the port to use.

DEVICE / CAMERA





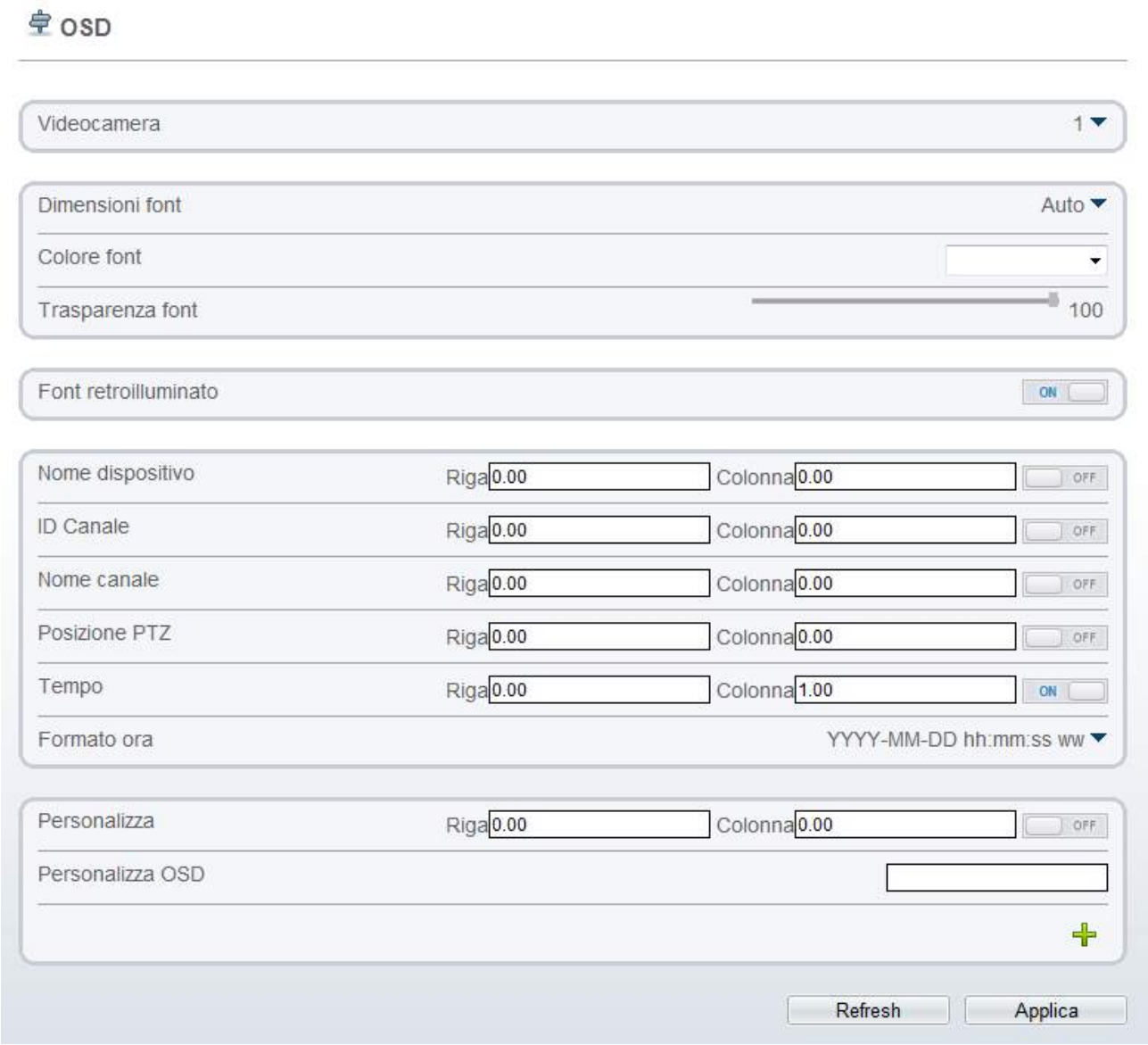
CAMERA - Not used

CHANNEL NAME - E 'can set the video channel name that you can decide to

appear superimposed in the OSD programming page (see below).

VIDEO SYSTEM - Choice of the European frequency 50 Hz or 60 Hz Americana.

DEVICE / OSD



In this window you program what indications to appear superimposed on the video during the LIVE display. For each word you can specify row and column, do not leave them all on 0-0 factory settings to prevent overlap.

SIZE / COLOR / TRANSPARENCY FONT - You can define the appearance of the text overlay

FONT BACKLIGHTED - This function automatically changes the color of the characters to make them visible to the background.

NAME DEVICE - It enables the overlay of the camera name and decide where to position defining the horizontal and vertical coordinates.

CHANNEL ID - As above for channel number

CHANNEL NAME - As above for the channel name

PTZ POSITION - As above but for position of the camera (if motorized)

TIME / DATE - As above for the date and time

FORMAT - Defines the time format over video

CUSTOM - And 'one or more custom descriptions can enter. The only overlay enabled Factory is the date and time. When inserting other overlays check that they do not themselves cause to those that may be generated by video recording software or NVR

DEVICE / MICROPHONE

In this tab there are the settings related to the microphone to the audio detection if this is available in the camera.

MICROPHONE - Enable sound management in the camera

MICROPHONE TYPE - Depending on the camera here it is possible to choose between the built-in microphone and the external source LINE IN. If the camera does not have a built-in microphone is available only the external audio input and vice versa.

VOLUME MICROPHONE - E 'can set the gain of the microphone (1 ... 100) in order to adapt to the size and noise of the environment.

CAUTION - The audio usage is possible with the NVMS program or even with the browser but only in ACTIVEX mode (non-Flash).

DEVICE / PTZ DOME

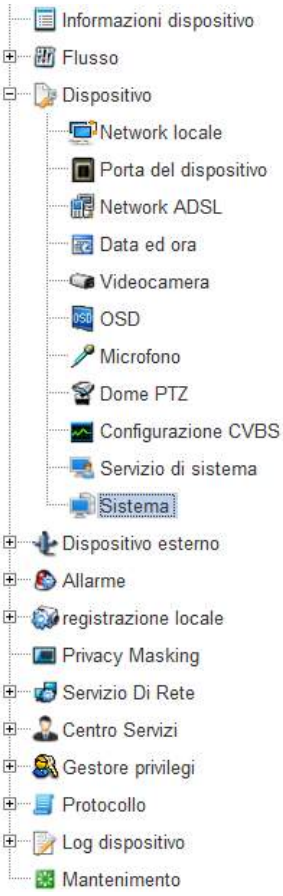
Some motorized RH series cameras are equipped with an RS485 port that allows you to monitor their movements with a keyboard for speed dome with Pelco P / D protocol. In this window you can place the camera RS485 address to type on the keyboard to be able to

command. The communication data is subsequently set in EXTERNAL DEVICE section.

DEVICE / CVBS CONFIGURATION

If the camera has an output BNC analog CVBS video in this section you can enable

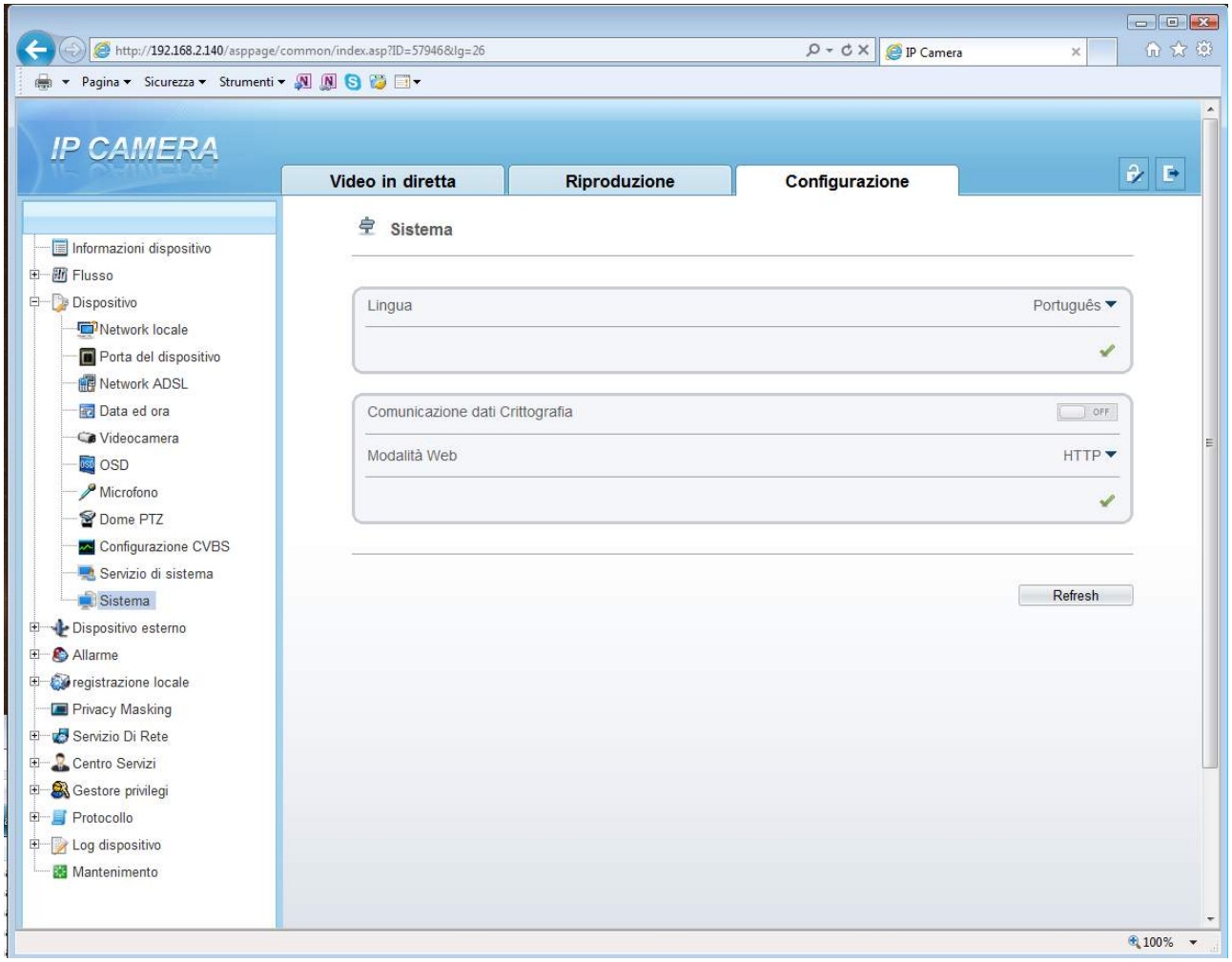
DEVICE / SYSTEM



TONGUE - Selection of the language in which the camera uses OSD overlays. This manual refers to the Italian language. It 'not recommended to change the language in this section, but choose the language to be used during log in.

COMMUNICATION WITH DATA ENCRYPTION - Enable encrypted data transmission for high-security applications. This option must be activated along with the HTTPS protocol (see next item). It should not activate if not actually required by the application security requirements.

METHOD 'WEB - Switches between the standard HTTP protocol and the security protocol HTTPS. If you choose this second option will need to type https: // in the browser instead of http: //. You should not enable this feature if you do not actually required by the application security requirements.



EXTERNAL DEVICE / PTZ KEYBOARD

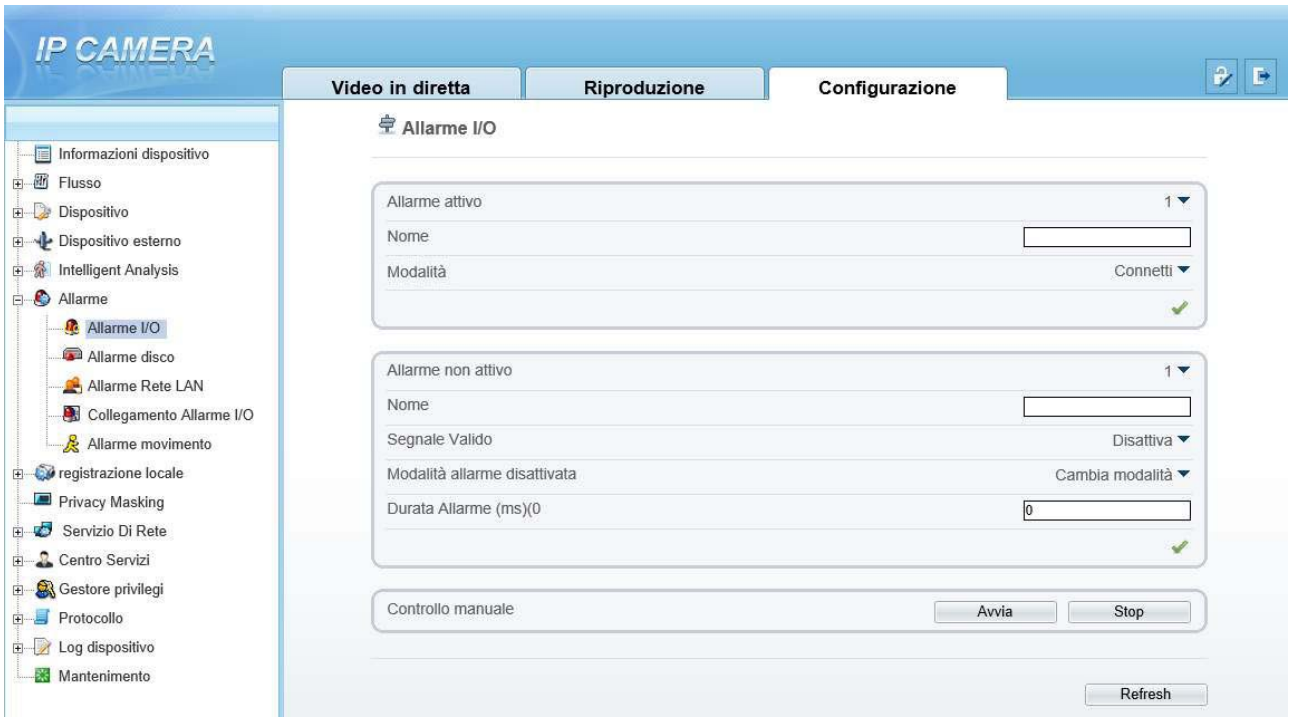
Some motorized RH Series cameras are equipped with a RS485 port that allows

monitor their movements with a keyboard for speed dome with Pelco P / D protocol. In this window you can set the communication parameters of the RS485 serial port. The address was previously set DEVICE / DOME PTZ.

INTELLIGENT ANALYSIS

This section is subject to a separate manual

ALARM / ALARM I / O



If the camera you purchased is equipped with inputs and alarm outputs in this section you can adjust its operation. The window is divided into two sections: the upper one relates to the inputs and the lower outputs.

ALARM ON - Select the alarm input (if the camera has more than one input)

NAME - Enter the name that distinguishes the alarm input

METHOD '- Defines whether the input will operate as a normally closed (connect) or normally open (open)

ALARM NOT ACTIVATED - Select the alarm output NAME - Enter the name that

distinguishes the alarm output

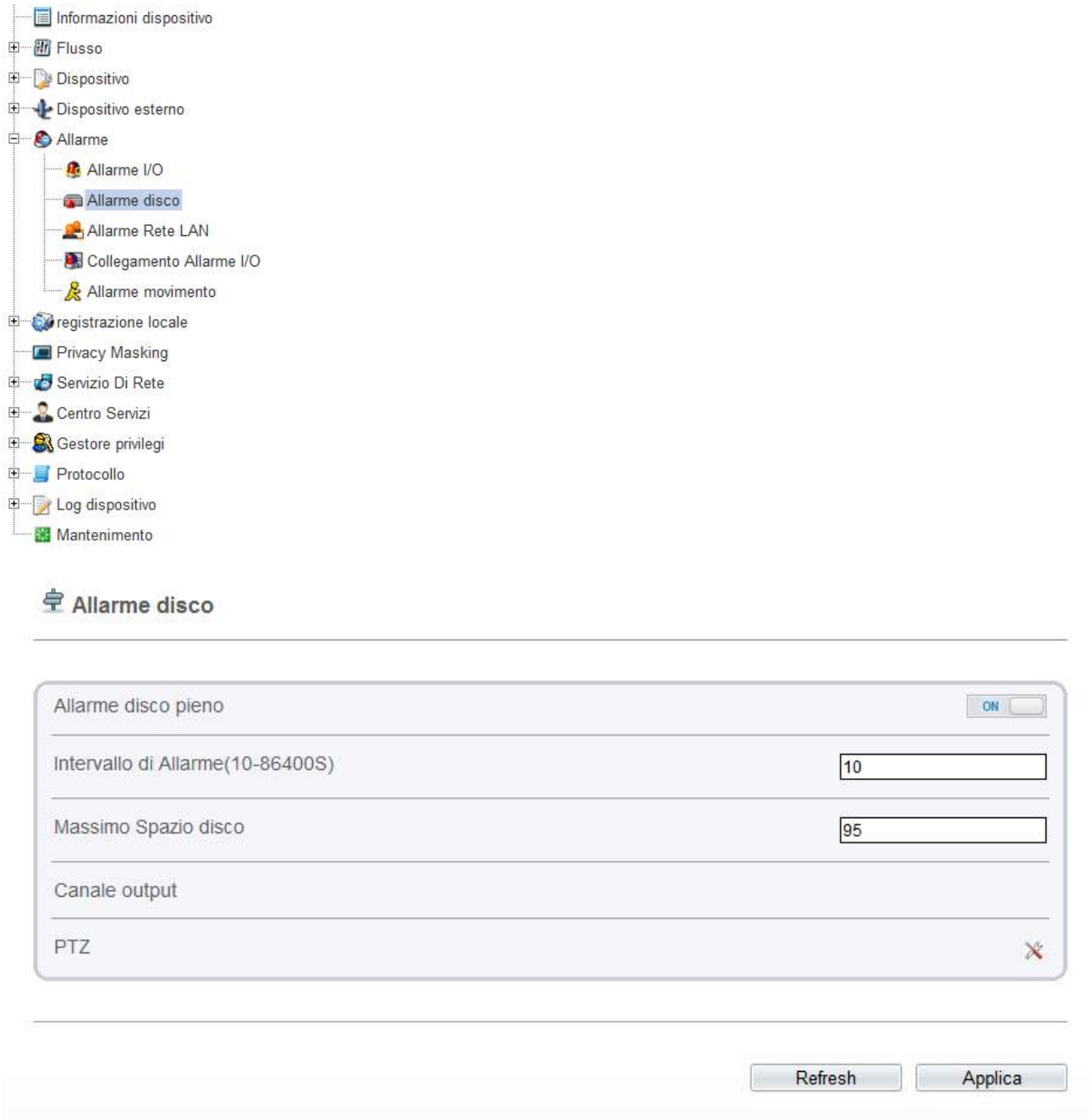
VALID SIGNAL - Defines whether the output will operate as a normally closed (off) or normally open (open)

METHOD 'ALARM OFF - Defines the alarm output behavior that can be stable (change mode) or pulse (pulse mode)

DURATION ALARM - If you have chosen the output activation pulse mode here is possible to establish the duration of the pulse.

MANUAL CONTROL - E 'you can manually activate the alarm output by clicking START and STOP

ALARM / DISC



The RH cameras can accommodate within them a microSD memory to record images independently. In this section it is possible to define whether to generate an alarm in case of almost full memory (set the percentage)

In case of alarm will appear a warning icon in the browser. DISK FULL ALARM - Enables the detection of memory alarm

INTERVAL ALARM - Indicates the duration of the 10 alarm signal at 86400 sec. MAXIMUM DISK SPACE - Insert the disk occupancy percentage at which you want to activate the alarm. Factory 95%.

OUTPUT CHANNEL - E 'can activate an alarm output if the camera is so equipped PTZ - In PTZ models you can set an automatic movement of the camera.

ALARM / LAN NETWORK

And 'possible to generate an alarm in case of network disconnection. In order to do this you need to enable this function (ON / OFF) and set the alarm event duration (min 10 sec.). In case of alarm it will start recording.

ALARM OUTSTANDING - Enables the detection of power failure

INTER CHANNEL OUTPUT - It 's possible to activate an alarm output if the camera is so equipped OUTPUT CHANNEL - E' can activate the camera if it has an alarm output PTZ - In PTZ models you can set the camera's automatic movement .

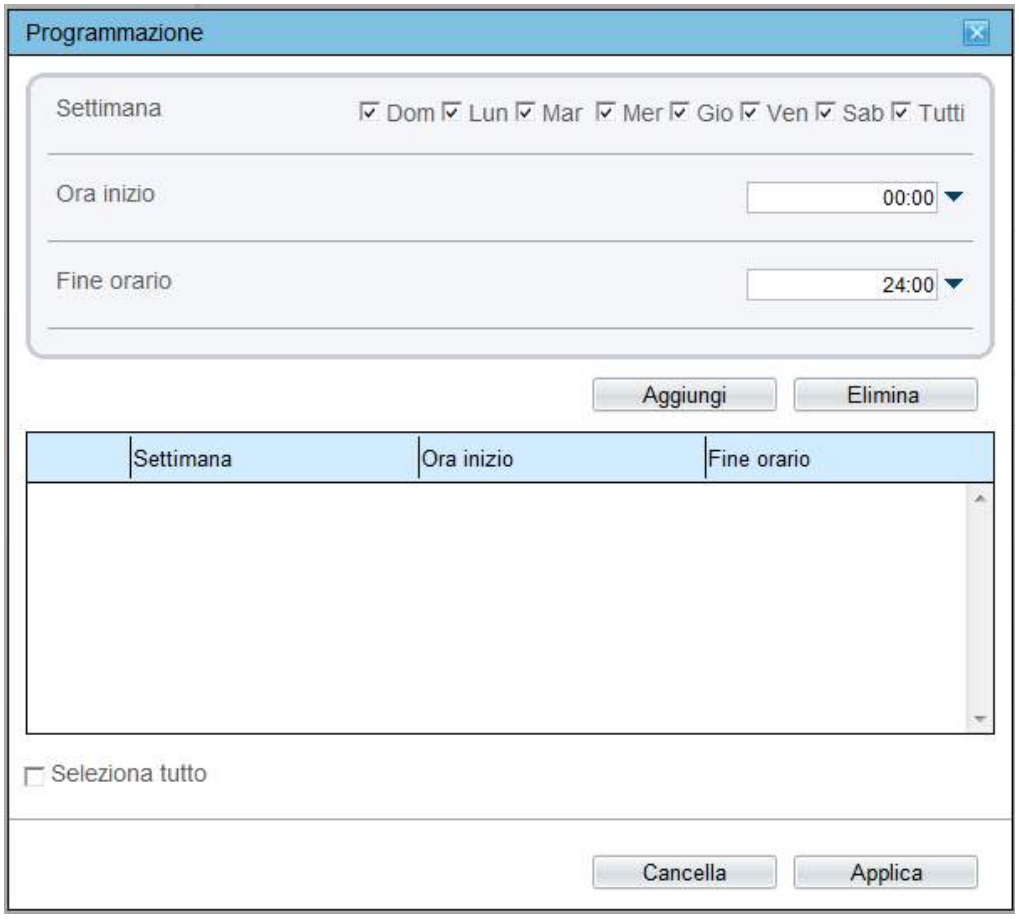
ALARM / LINK I / O

In this section it is combined with activation of the output of following alarm activation input of an alarm. Obviously this is an option only available for cameras equipped with inputs and alarm outputs.

ALARM ON - Select the alarm input

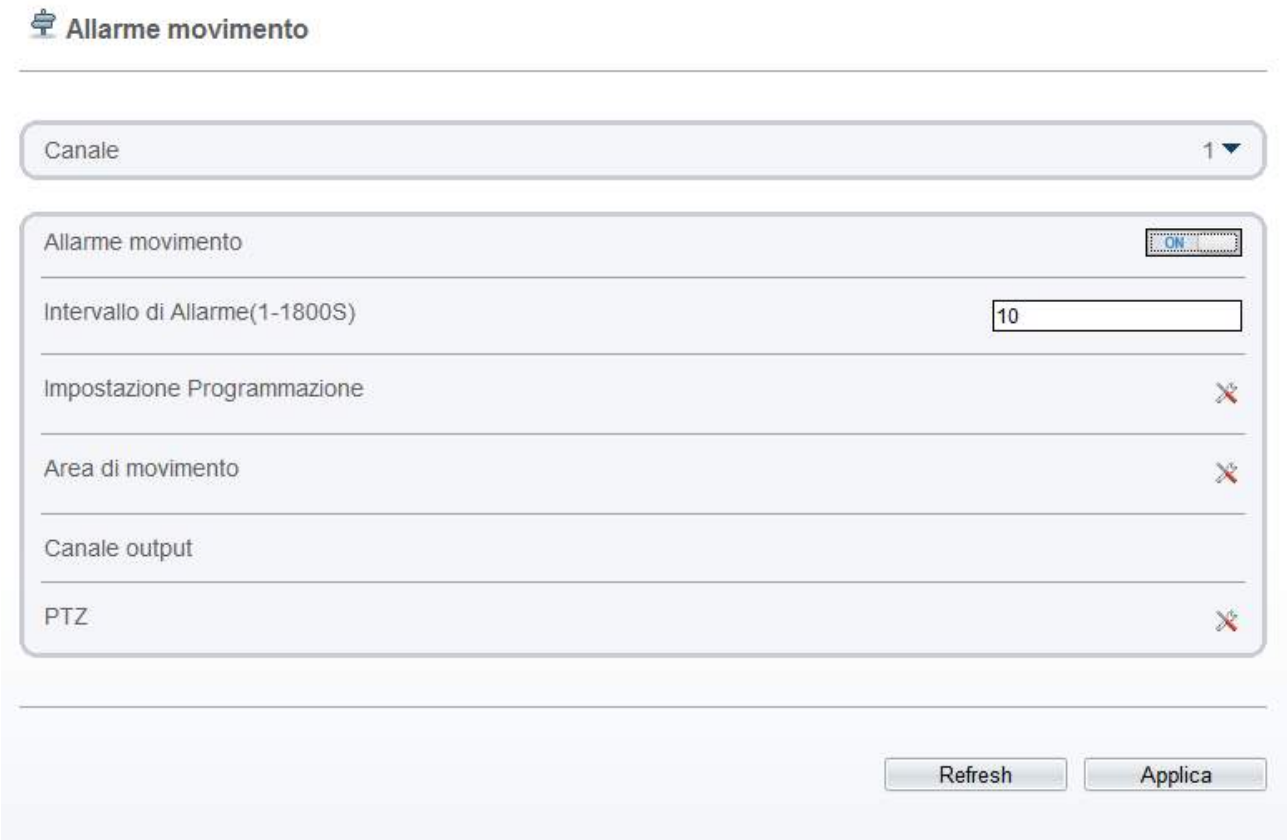
ALARM I / O - Activate the automatic output control function

TAX PLANNING - E 'can enter the time of day according to the day of the week when pairing with the output will be enabled. CAUTION - The factory is not enabled any time slot. At least one set to be able to activate the detection



CHANNEL OUTPUT - Select the output to be activated in case of alarm input PTZ - In PTZ models you can set an automatic movement of the camera.

ALARM / MOTION

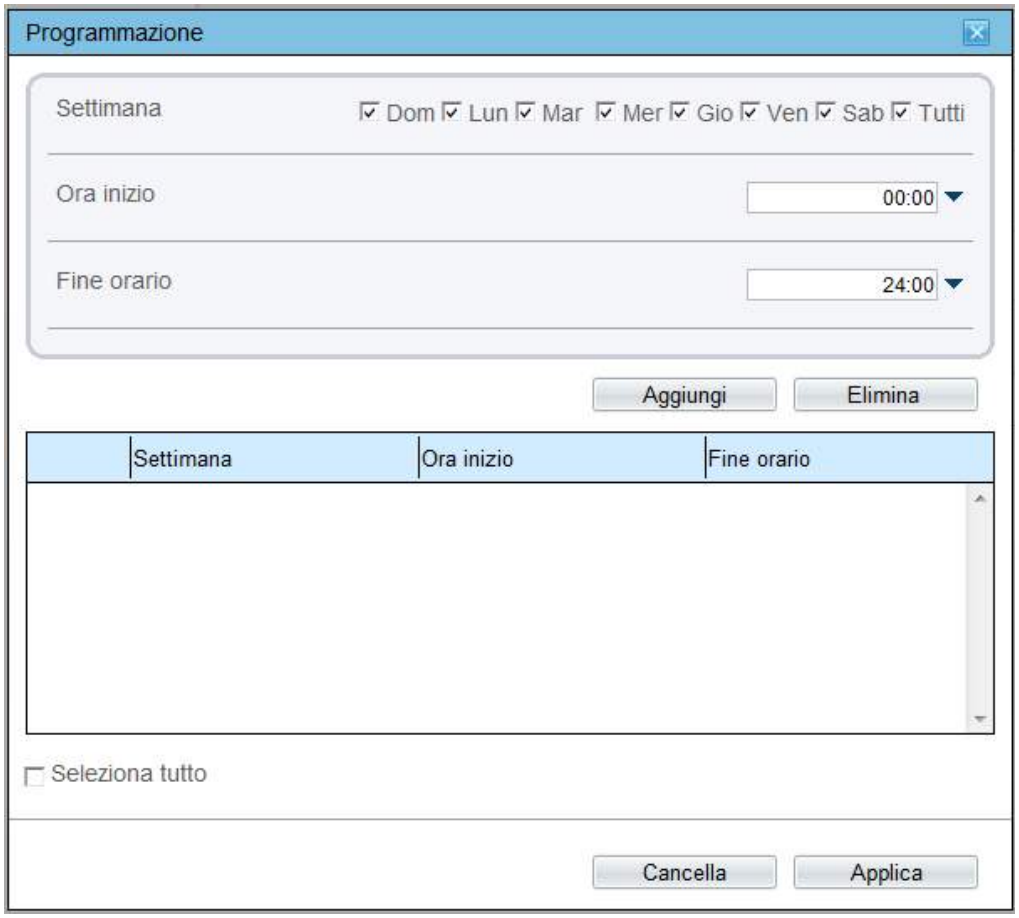


The RH cameras are able to detect an intrusion through the analysis of the recorded and generate significant alarm actions. This function is commonly known as Motion Detection. In this section you can set the parameters of motion detection and determine the actions to take in case of alarm.

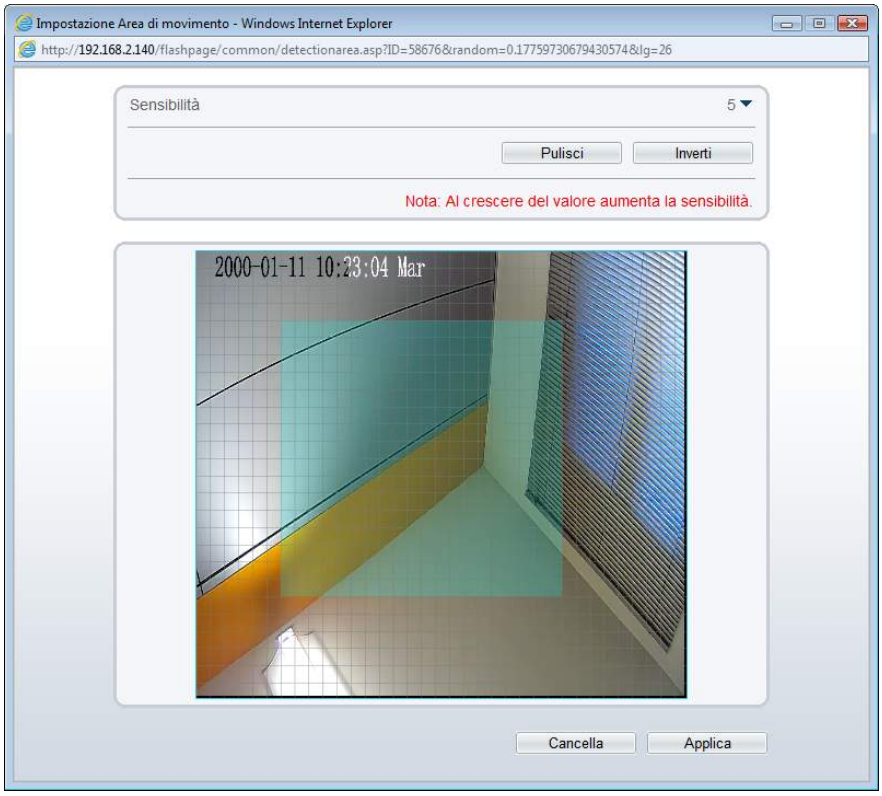
Following a motion alarm and can start recording and reporting an icon will appear in the connected browser. In PTZ models you can set an automatic movement of the camera. Please pay attention to use this function on a PTZ camera as it will not be possible to move without generating an alarm. ALARM MOVEMENT - Enables the use of the MOTION DETECTION to generate ALARM INTERVAL alarms - Defines the alarm duration in seconds

SETTING PROGRAMMING - you 'can make sure that MOTION is enabled only at certain times of the day or week. You can enter different times for different days of the week.

CAUTION - The factory is not enabled any time slot. At least one set to be able to activate the detection



MOTION AREA - By pressing this button you can select the area to consider in motion detection. Drag the mouse on the screen to define the area where the survey will be valid. The active detection area will be highlighted in blue color. In this window, you can also adjust the sensitivity of detection from 1 to 10.



The CLEAR button clears the mask. The INVERT button reverses the defined mask. CHANNEL OUTPUT - E 'can combine the alarm outputs to the motion detection. PTZ - In PTZ models you can set an automatic movement of the camera to be performed in case of motion alarm.

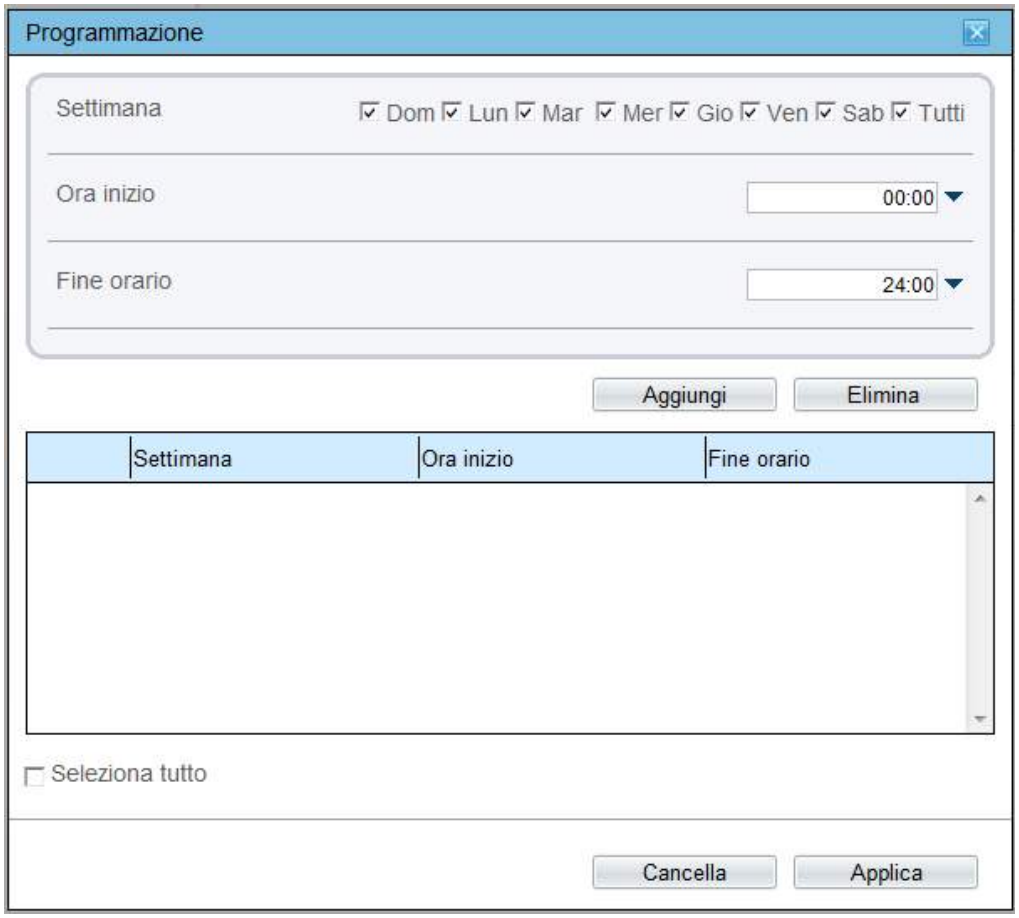
ALARM / PIR

The cameras fitted with infrared motion sensor as the model RH2-CB1W have a further alarm programming section dedicated to the PIR sensor.

E 'possible to generate an alarm in case of motion detection sensor. In order to do this you need to enable this function (ON / OFF) and set an alarm duration. In case of alarm will start the recording and turn on a warning icon in the browser connected. In PTZ models you can set an automatic movement of the camera.

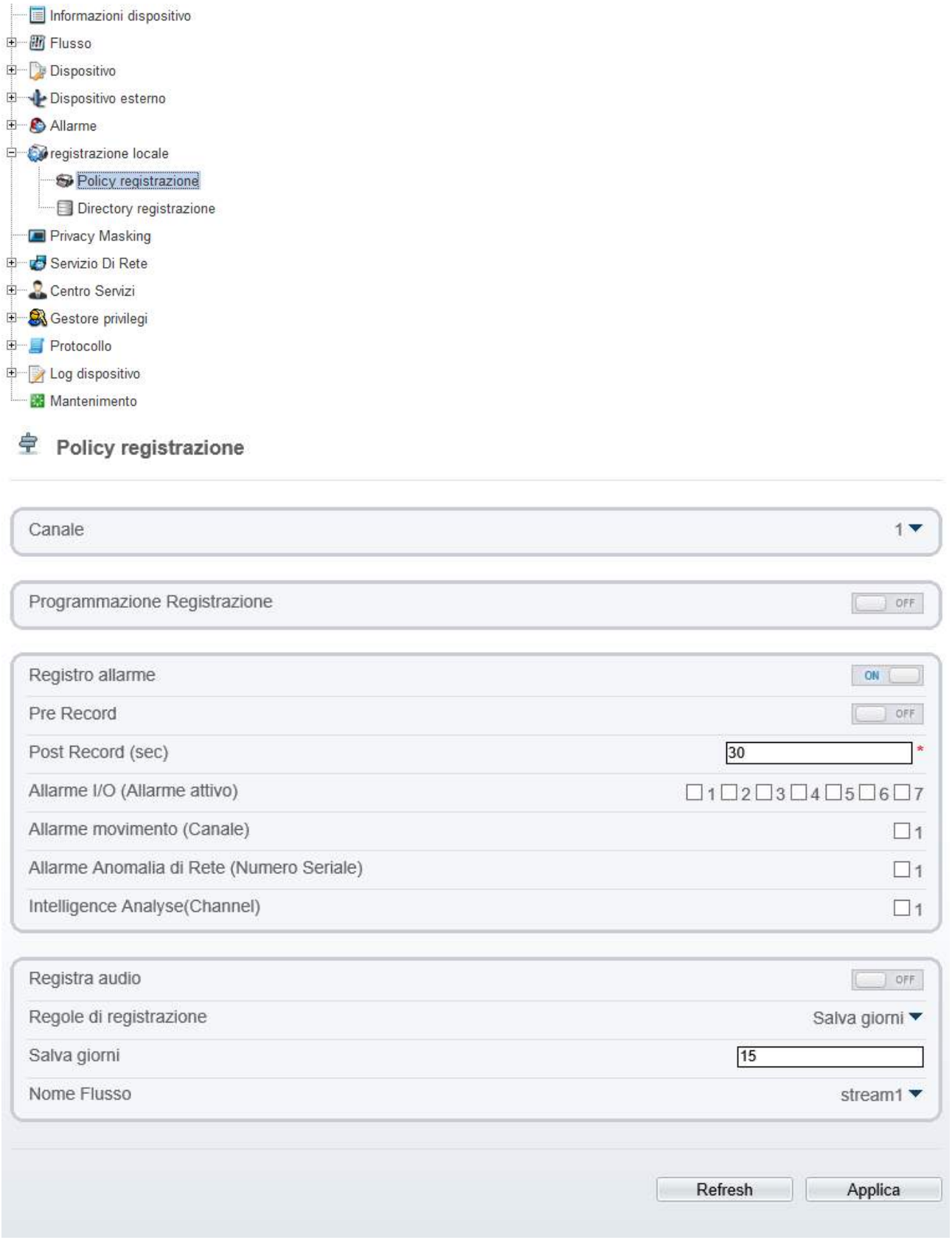
In the PROGRAMMING section you can make sure that the PIR DETECTION function is allowed only at certain times of the day or week. You can enter different times for different days of the week.

CAUTION - The factory is not enabled any time slot. At least one set to be able to activate the detection



REGISTRATION LOCAL / POLICY

The RH cameras can accommodate a microSD card inside to record video locally on the camera. To view the recordings using the Internet Explorer browser or the supplied software programs. In this section you set the recording options.



PROGRAMMING REGISTRATION - The first section of this window allows you to set the recording continuous or timed. Clicking the camera records 24x7H

always on the SD card 24 hours a 24. Alternatively you can choose to set PROGRAMMING recording at specific times depending on the day of the week. The setting of the time slots is carried out as already seen above in the alarm section. LOG IN ALARM - In addition to the continuous recording and timer, the cameras are able to record only when an alarm occurs. The second section of the window allows you to set the parameters of the recording on alarm. Click ON to enable this type of recording.

PRE RECORD - Enable if you want to record a short period of time before the event. POST RECORD - Set the recording time to be carried out following the event ALARM I / O - For cameras equipped with alarm inputs, here it is possible to define which alarm inputs must activate the recording.

ALARM MOTION - Enables logging following a motion detection alarm of which we saw the operation in the alarm menu.

ALARM FAULT NETWORK - Enables recording in case of network failure. For cameras with built-in wifi, two optional boxes are also available: 1: Wired Network 2: Wifi network. The latter detection is currently still under development and is not fully functional. INTELLIGENT ANALYSIS - Enables logging on SD card in case of alarm generated by the analysis of the digital image that is supported by several cameras of the range and which is described in a separate manual.

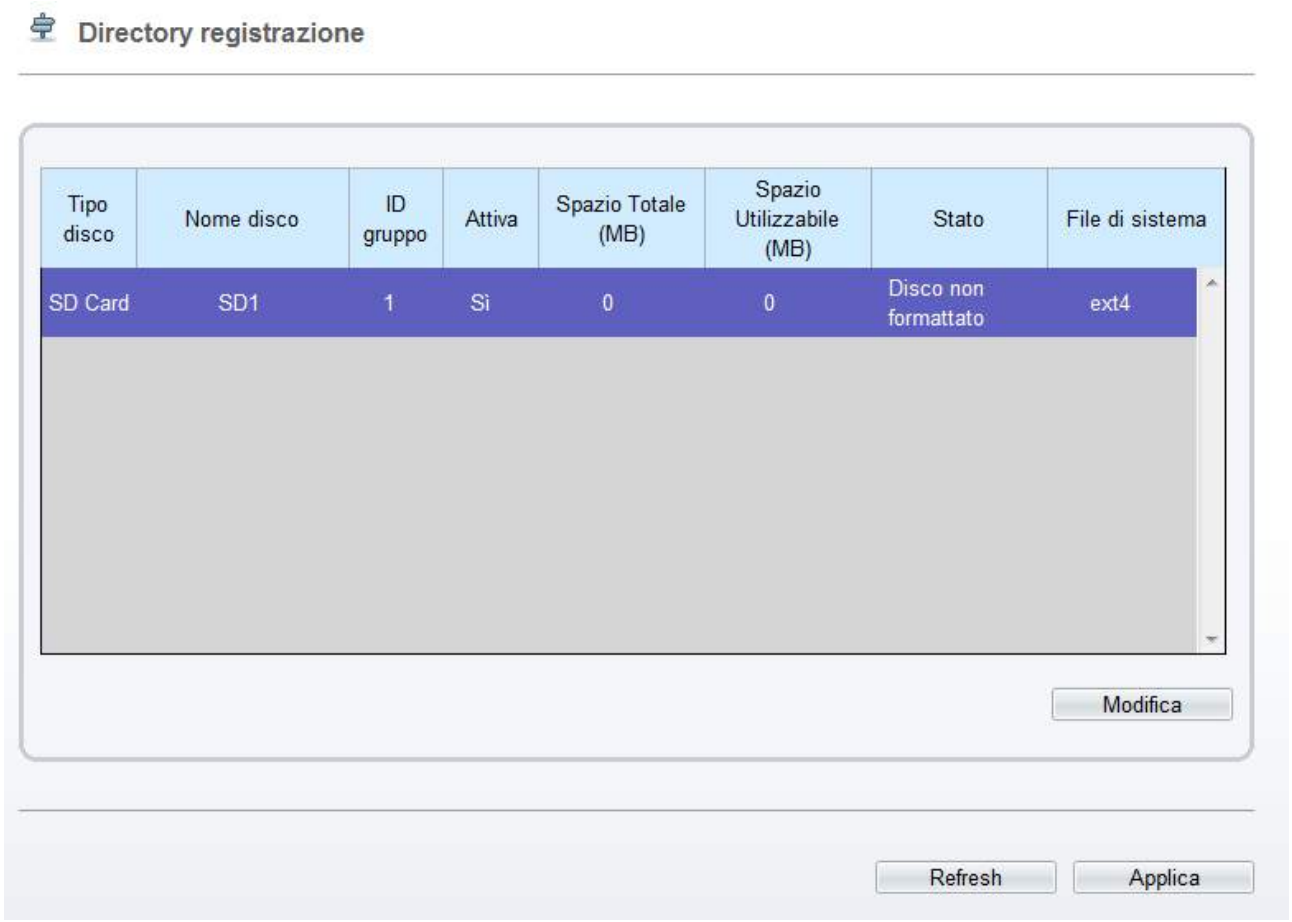
RECORD AUDIO - Click to enable audio recording along with the video. REGISTRATION RULES - E 'can decide whether to record continuously on the SD card, overwriting older images at the end of the ability or set the maximum number of days to keep in memory to enforce any recommendations relating to privacy.

NAME FLOW - Choose which of the video streams managed by the camera will be stored on the SD card.

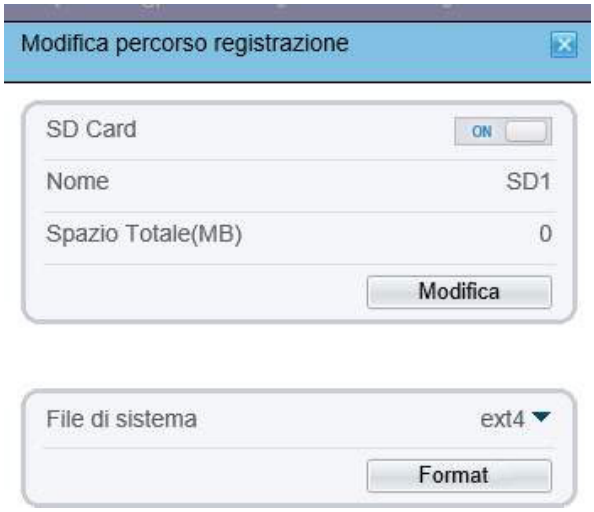
LOCAL REGISTRATION / REGISTRATION DIRECTORY

The cameras are able to record your own video on your SD card without the need for external recorders. This section monitors the status and possibly formatting the SD card inserted into the camera.

Note that the cameras are provided without any SD card, which may be installed by the user.



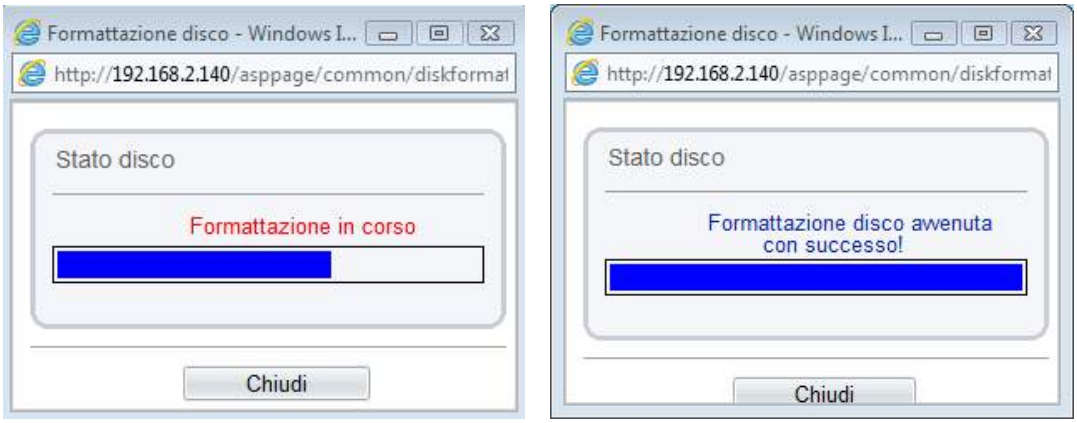
In the table you'll find the SD card details you have entered into the slot of the camera if it is the first time you insert the SD card must format by pressing CHANGE



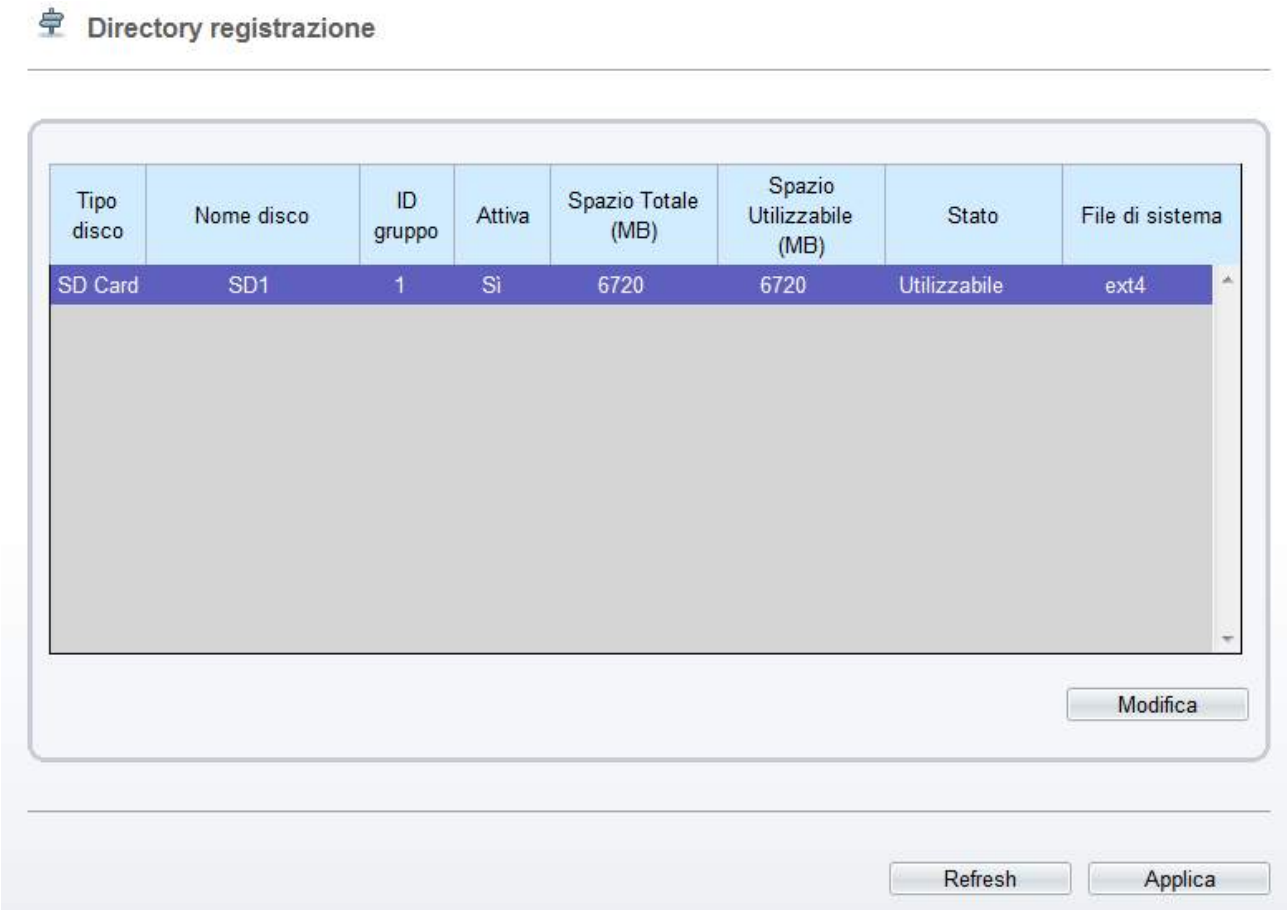
Click FORMAT and wait for the formatting is complete. The file system used for formatting is EXT4 used by GNU / Linux systems.

CAUTION - To be able to proceed with formatting is necessary that the scheduled recordings and / or alarm should be suspended, by acting on the buttons enables / disables the

the corresponding sections of POLICY REGISTRATION table already illustrated above.



If formatting is successful in the table appear in the data of the memory card now become usable.



The camera records on SD card based on the above settings have already seen in the POLICY section. Note that you can not remove the SD card and read it with a PC because of the different file system.

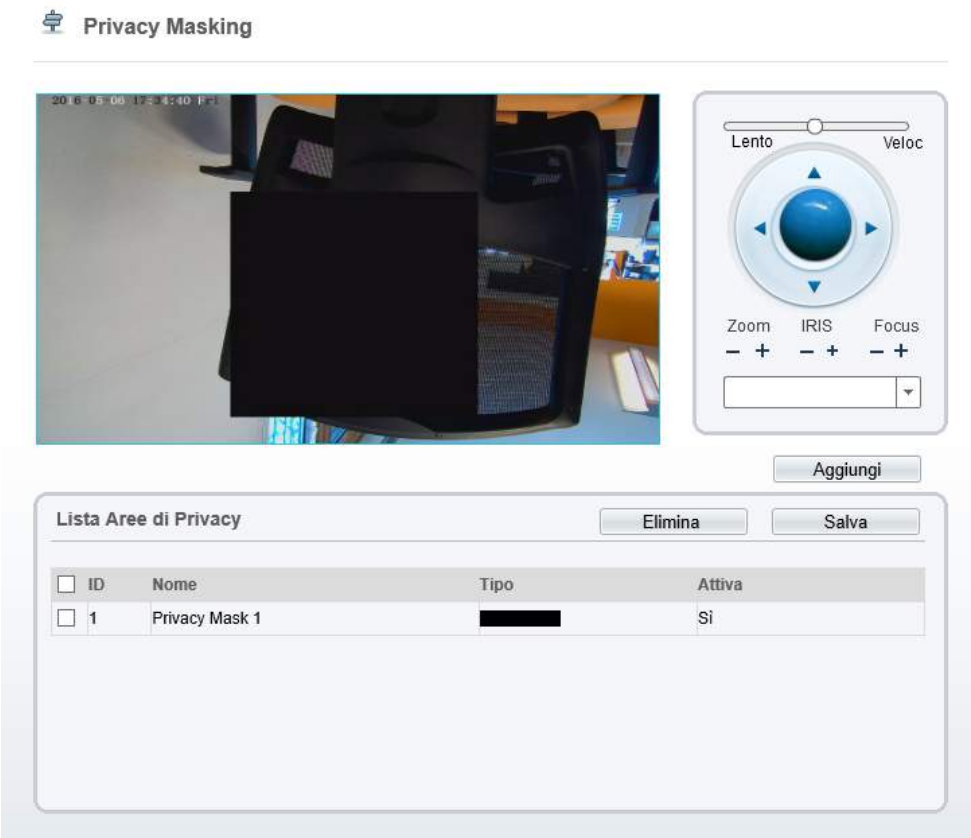
For viewing of the recordings on the SD card to make the remote search using a centralized program provided as NetVMS that allows both to see the recorded files is to export and save them to your PC in .TS format playable with Free VLC player or with

Player the player included in the camera CD.

It is recommended to use the Player to the correct audio playback. E 'can also review the files recorded on SD card by connecting with Internet Explorer but only using ACTIVEX mode (non-Flash)

PRIVACY MASKING

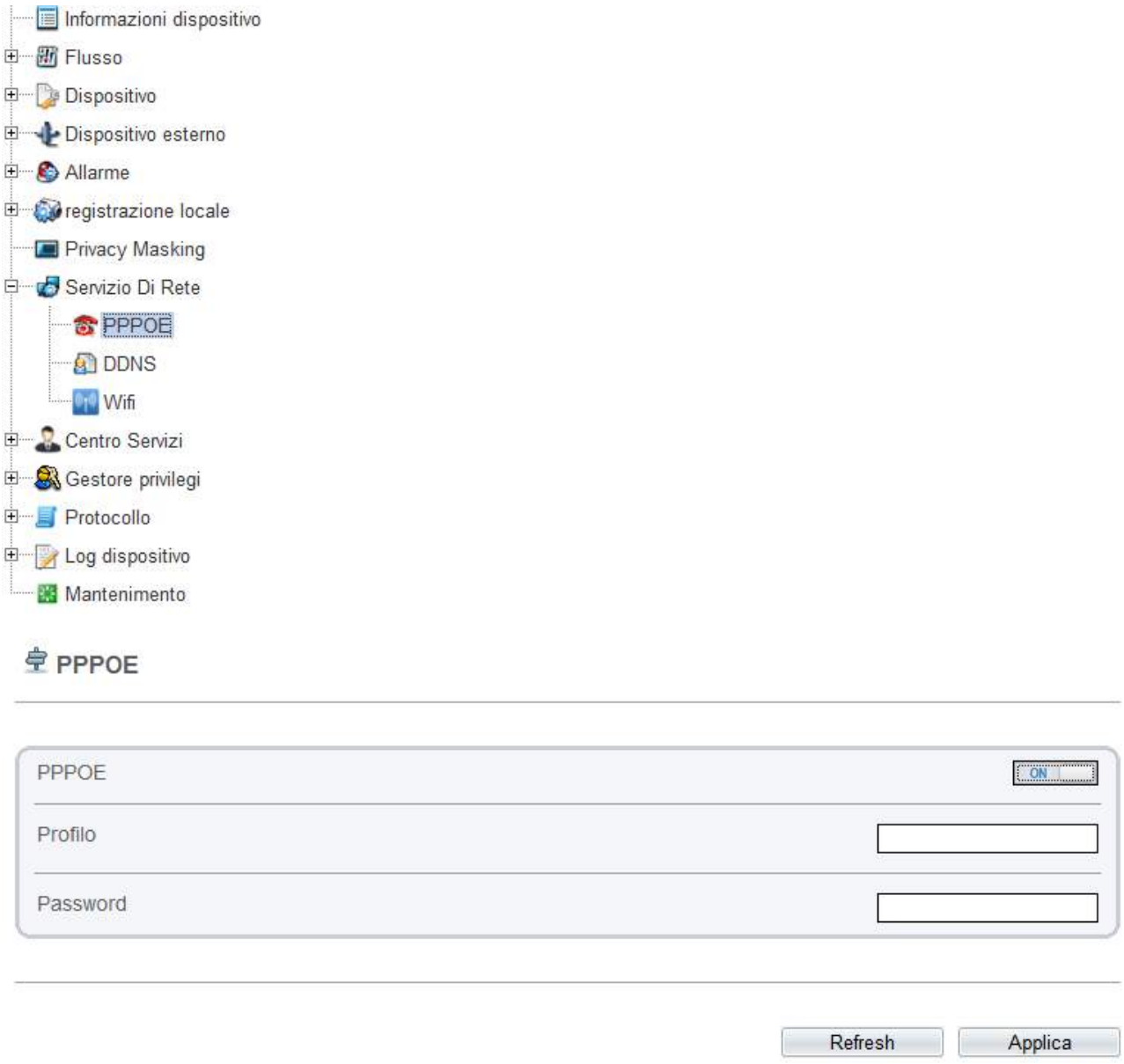
The RH cameras allow you to set privacy zones to mask images to view that jeopardize the privacy, such as a worker to work in a company. These cameras are equipped with an intelligent control of the mask and it is also possible to use this function with motorized cameras as a time set the area to be masked it will automatically move to each of the camera movement.



To use the privacy mask function, drag the mouse over the image and define the perimeter of the area you want to mask. Then press the ADD button. E 'can set multiple masks that will be listed in the table. To remove the masks use the DELETE button. Press the SAVE button to confirm.

E 'can act directly in the table to give a name to the mask and possibly temporarily disable them.

NETWORK SERVICES / PPPoE

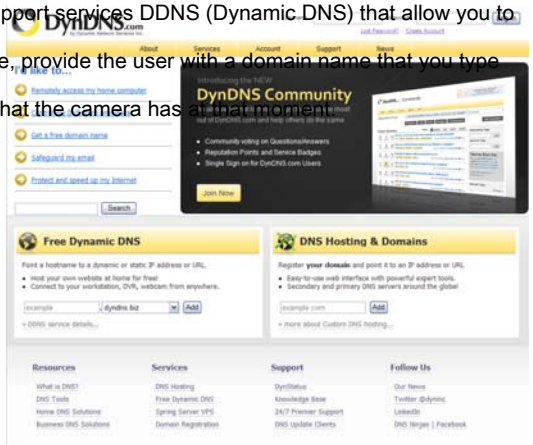


The RH cameras are usually connected to a network that has access to the Internet run by other equipment such as a router. However, you can imagine to install an even alone camera, directly connected to an ADSL modem for Internet access. And 'the case of remote cameras, for example, used for traffic control. In this case, the camera is able to make the LOG IN to gain access to the Internet using PPPoE. Click ON to enable this feature and enter your log in credentials. When you turn the camera will automatically log in to establish the connection to the Internet.

NETWORK SERVICES / DDNS


Informazioni dispositivo
Flusso
Dispositivo
Dispositivo esterno
Allarme
registrazione locale
Privacy Masking
Servizio Di Rete
PPPOE
DDNS
Wifi
Centro Servizi
Gestore privilegi
Protocollo
Log dispositivo
Mantenimento
DDNS
DDNS
ON
Provider
3322_ddns
Nome Scheda di Rete
eth0
Nome dominio
Profilo
Password
Test di DDNS
Refresh
Applica

To connect to an IP camera through the Internet is highly advisable to have a fixed IP address so that you always know the exact address to connect. If it can not get from your provider, all cameras in the range support services DDNS (Dynamic DNS) that allow you to constantly monitor the machine's IP address. These services, also available for free, provide the user with a domain name that you type into your browser. The DDNS provider redirects communication to the IP address that the camera has at that moment.



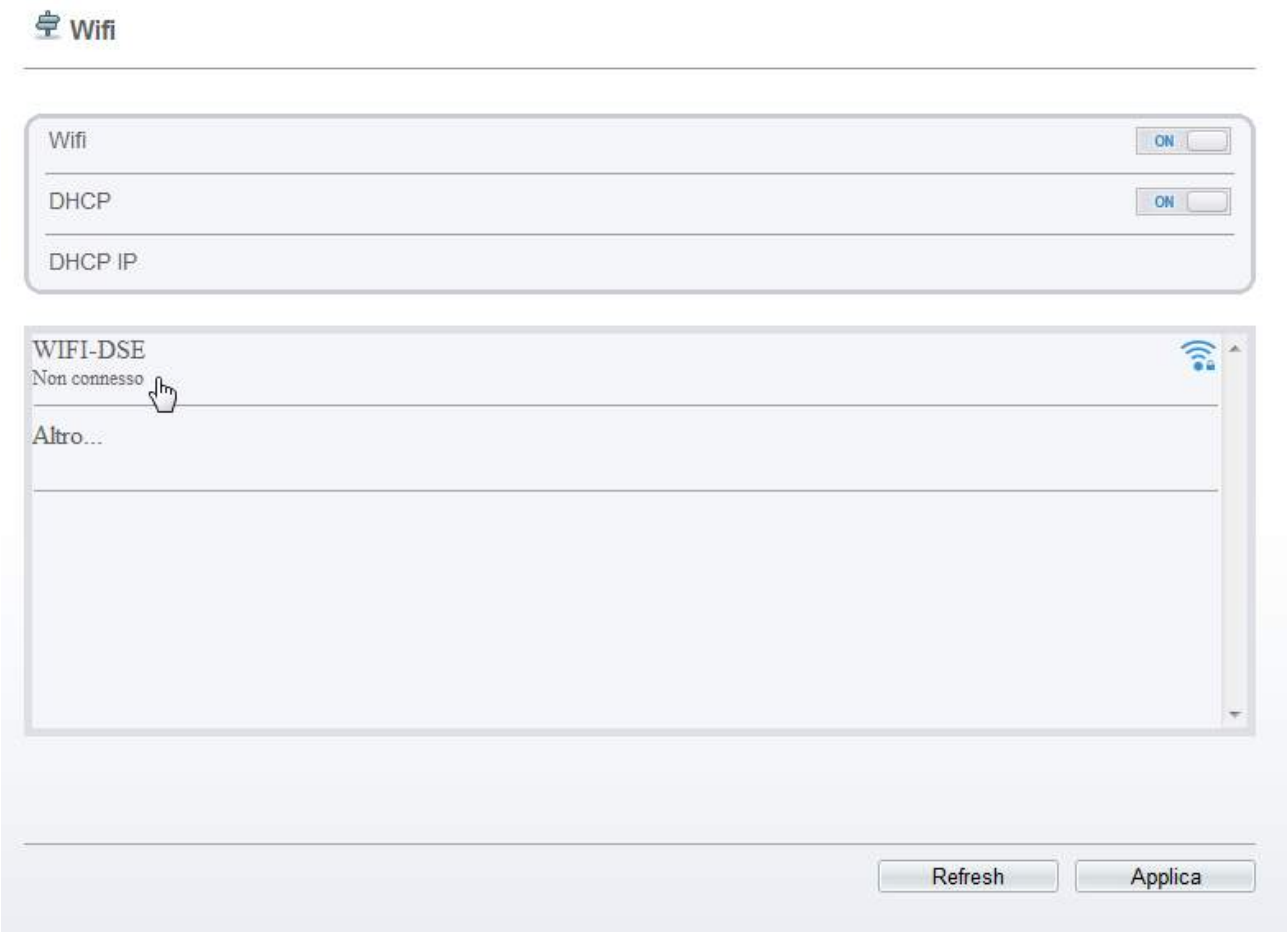
The RH Series cameras support the most common DDNS services and are able to send to the DDNS provider periodically Internet IP address assigned to them. You can set the following parameters: PROVIDER - DDNS Service Provider. In the time of publication of this manual are available for www.dyndns.com www.3322.org www.no-ip.com services NETWORK CARD - E 'can choose to use the wired network interface or WiFi (if available into the camera)

DOMAIN NAME - name of the personal domain that is assigned by the DDNS provider to the device

PROFILE / PASSWORD: account authentication for access to the service cards issued by the provider (USER / PASSWORD).

NETWORK SERVICES / WIFI

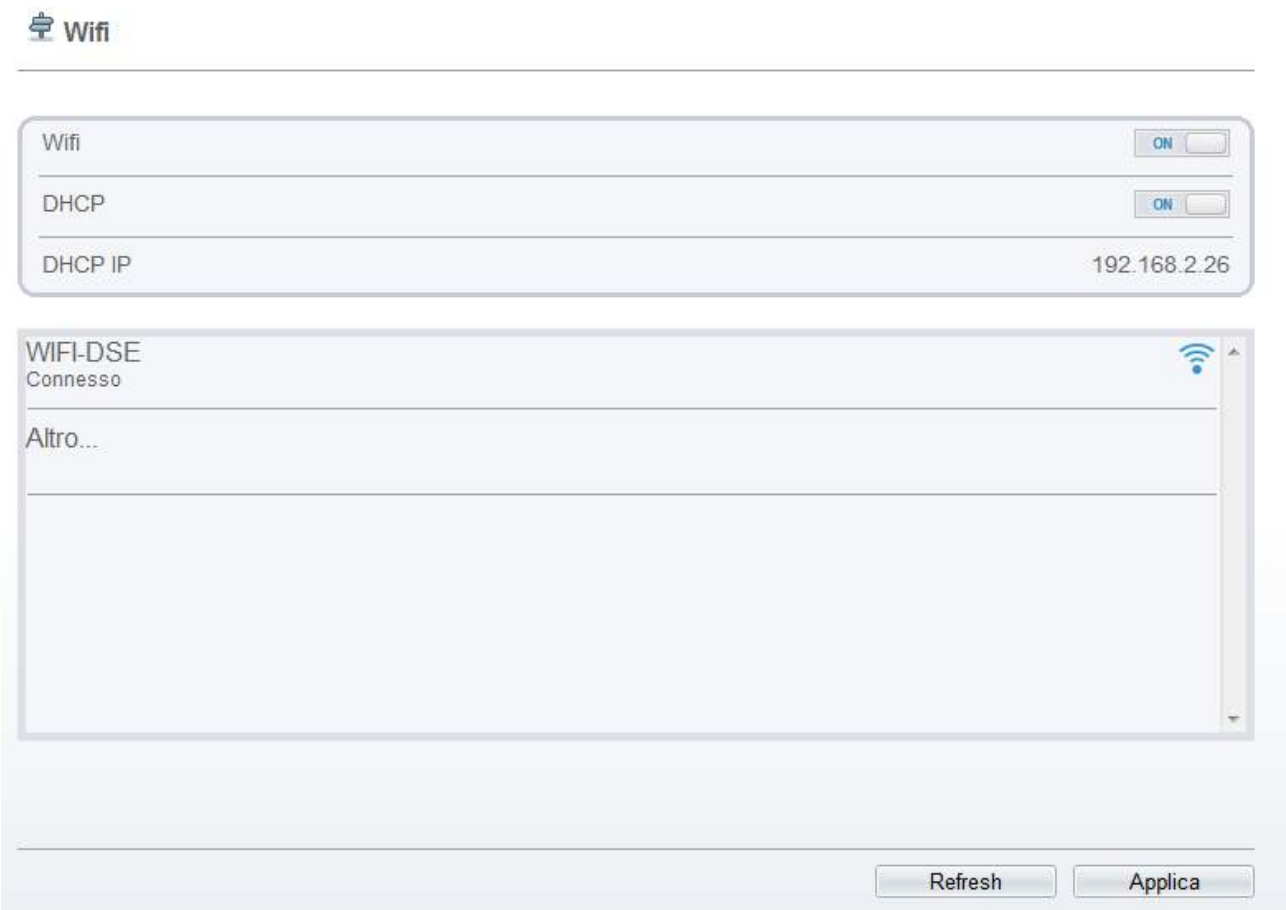
Some of the RH series cameras feature built-in WiFi transmitter. This section handles the connection of the cameras to the access point wifi nearest available online. To be able to use the wireless camera wifi in fact it is necessary, at least initially, a wired connection in order to enable this connection. After enabling the use of wifi you will find listed in the tables all access points within the network.



At the top you can choose whether to allow automatic IP address assignment (DHCP) or whether to set manual parameters.

Choose the access point with better signal and click on the name to activate the connection. Enter the password of access and press connect. Do not fear if you will get an authentication failure message.

You have to press APPLY to save the settings and REFRESH to redraw the chart to appear as in the following example showing otherwise the IP address of the camera wifi.

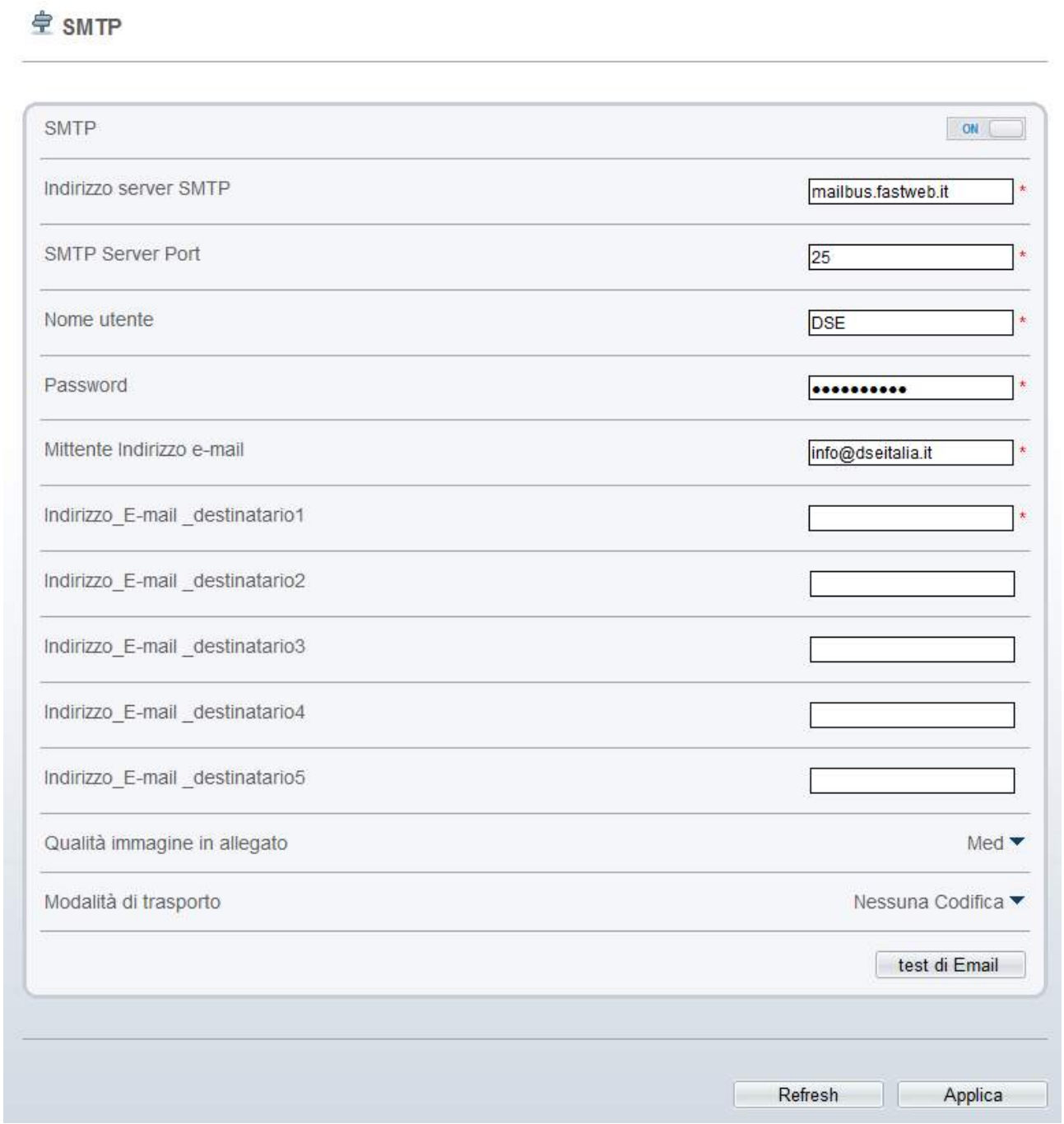


At this time the camera can be reached by calling network is the IP address row that the IP address wifi. You can now disconnect the network cable and use the wireless camera, taking care not to call the IP address row but what wifi.

SERVICE CENTER / CENTRAL ALARM MANAGEMENT

The RH series cameras are able to send alarm messages to the NetVMS control software (see separate manual). In this section you set the IP address of the PC where you install the software and NetVMS the communications port used for sending alarms to default in the software is the 30004.

CENTER SERVICES / SMTP



The RH cameras can send alarm emails following an event generated by motion detection. The e-mail is attached a JPEG photos taken instant the event began. In this tab you set the SMTP server and the recipients to send the message (max. 5). To set the parameters to check with your Internet provider. Also ensure that the provider does not prevent sending email from any device other than the mail client with spam purposes.

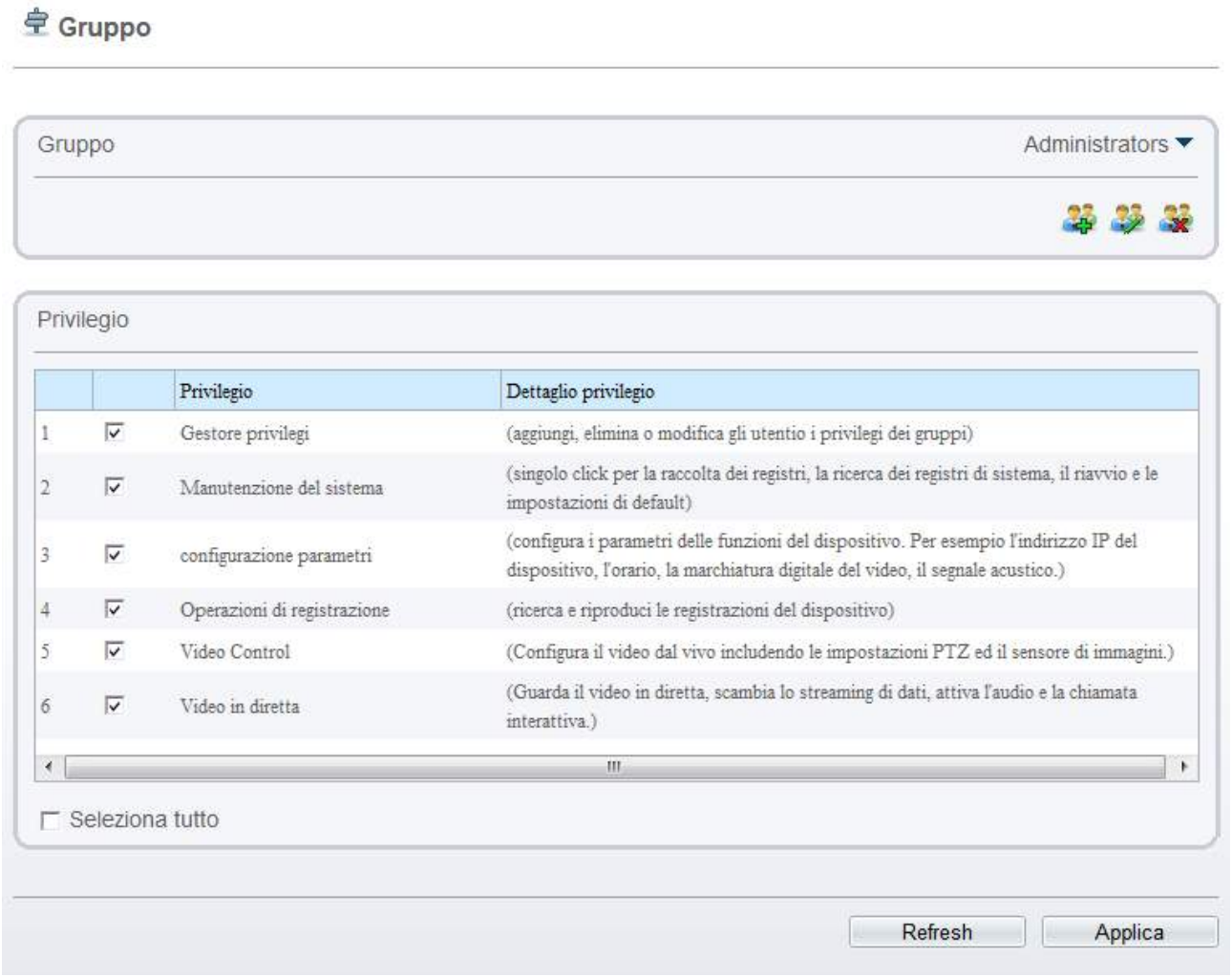
SMTP - Enable sending emails shifting ON

ADDRESS SMTP SERVER - Name of the SMTP server that is used for sending mail

electronics

SMTP SERVER PORT - Port used for sending emails (usually 25) USERNAME / PASSWORD - If the SMTP server requires a user name and password to send email, you can enter them. Typically Italian provider does not require this authentication. SENDER - the return address that will appear in the email sent by the camera. EMAIL RECIPIENT - Max. 5 recipient addresses QUALITY 'IMAGE ATTACHED - attached picture quality. A higher quality corresponds most file size and therefore more time was needed for sending. RULES 'OF TRANSPORTATION - The cameras also support sending emails encrypted with SSL encryption and STARTTLS TEST E-MAIL - E 'can send an email test to check the proper functioning of the settings.

PRIVILEGES MANAGER / GROUP



Access to the camera is protected by a log-in procedure. In this section you set of user groups to each of which corresponds to a level of personalized access. There are already three groups of factory set up users.

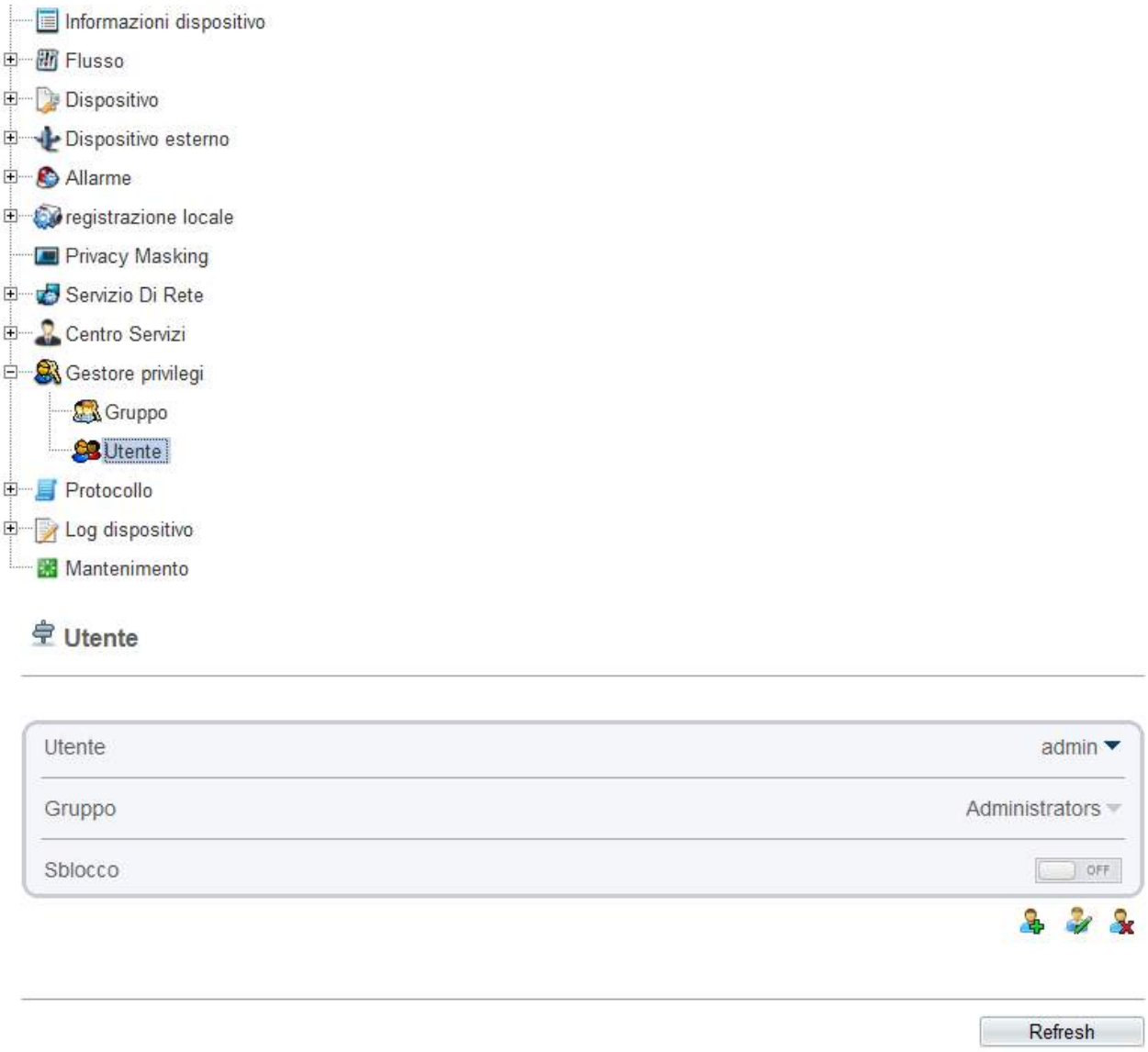
ADMINISTRATOR - Full access to all functions. You can not eliminate

OPERATOR - Access to all functions except those of the administrative level (changing codes etc.)

AVERAGE USER - Access to the only live viewing

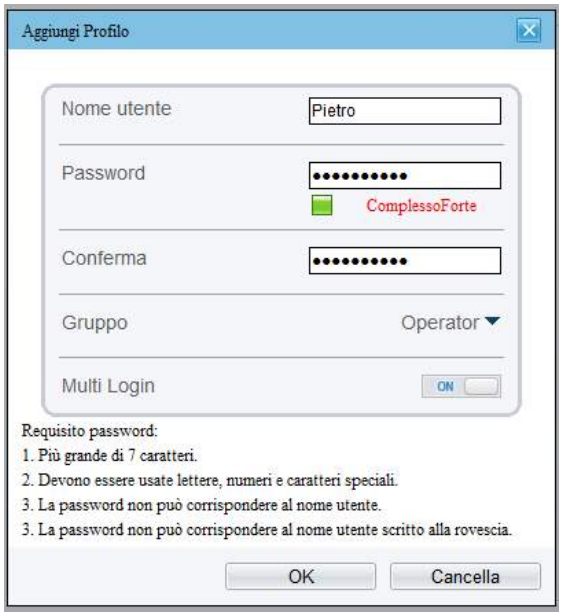
You can change the qualification of the individual groups and also create new custom.

PRIVILEGES MANAGER / USER



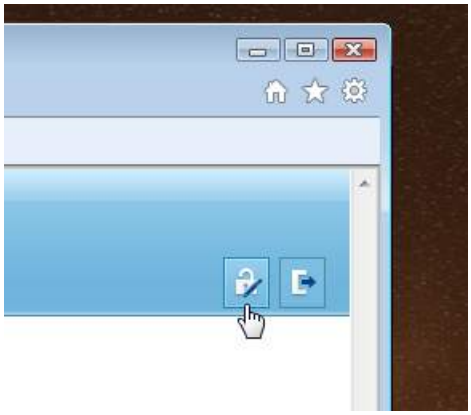
On this page you create users who can access the camera using the little icons ADD, MODIFY, DELETE

Each user can be combined with a previously set in the previous window group that determines its access to the camera level.

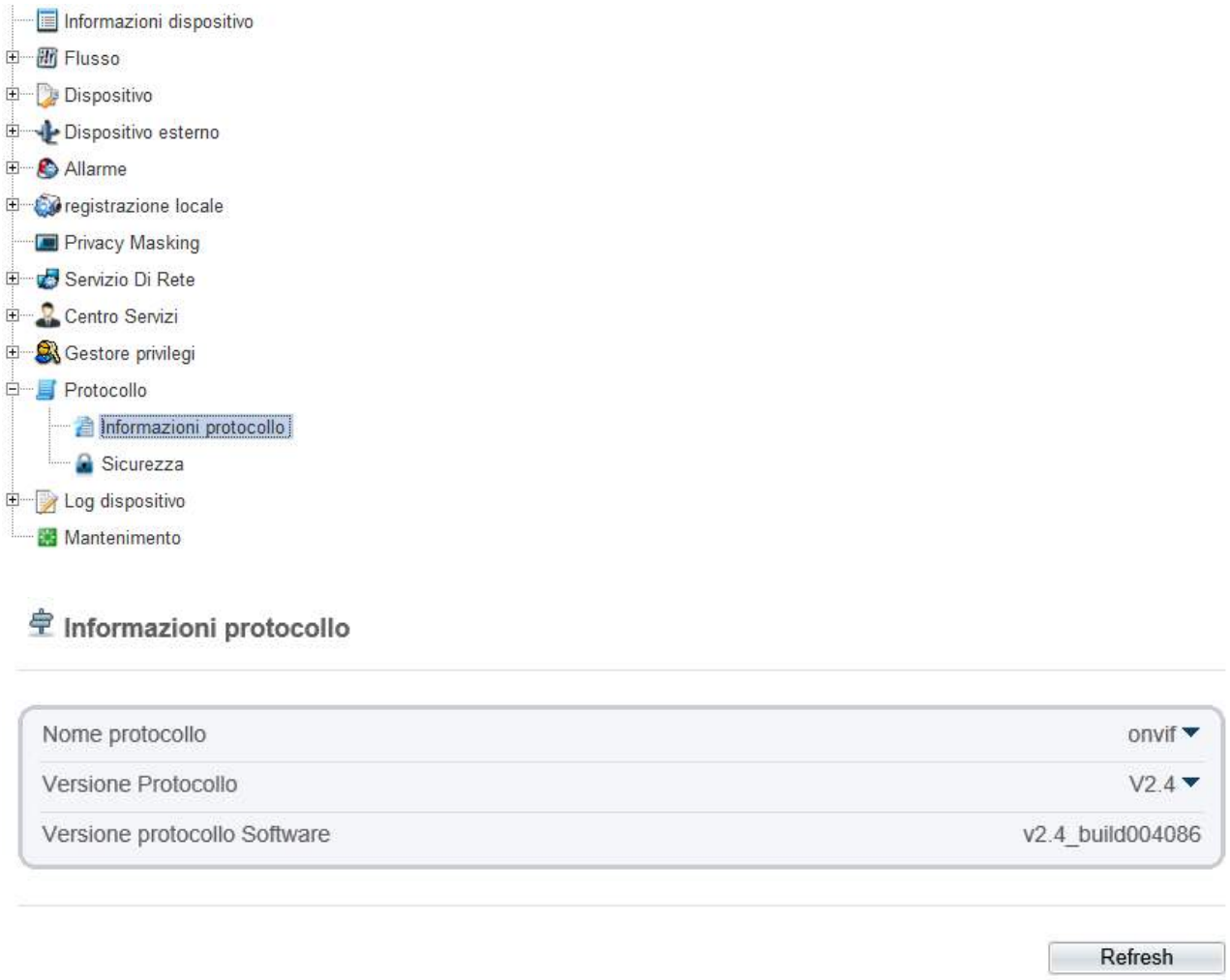


The LOG-IN MULTI option allows the user to log in simultaneously from multiple locations (client) simultaneously.

NOTE - You can not change the admin password in this section. To do this act on the CHANGE PASSWORD button at the top right.

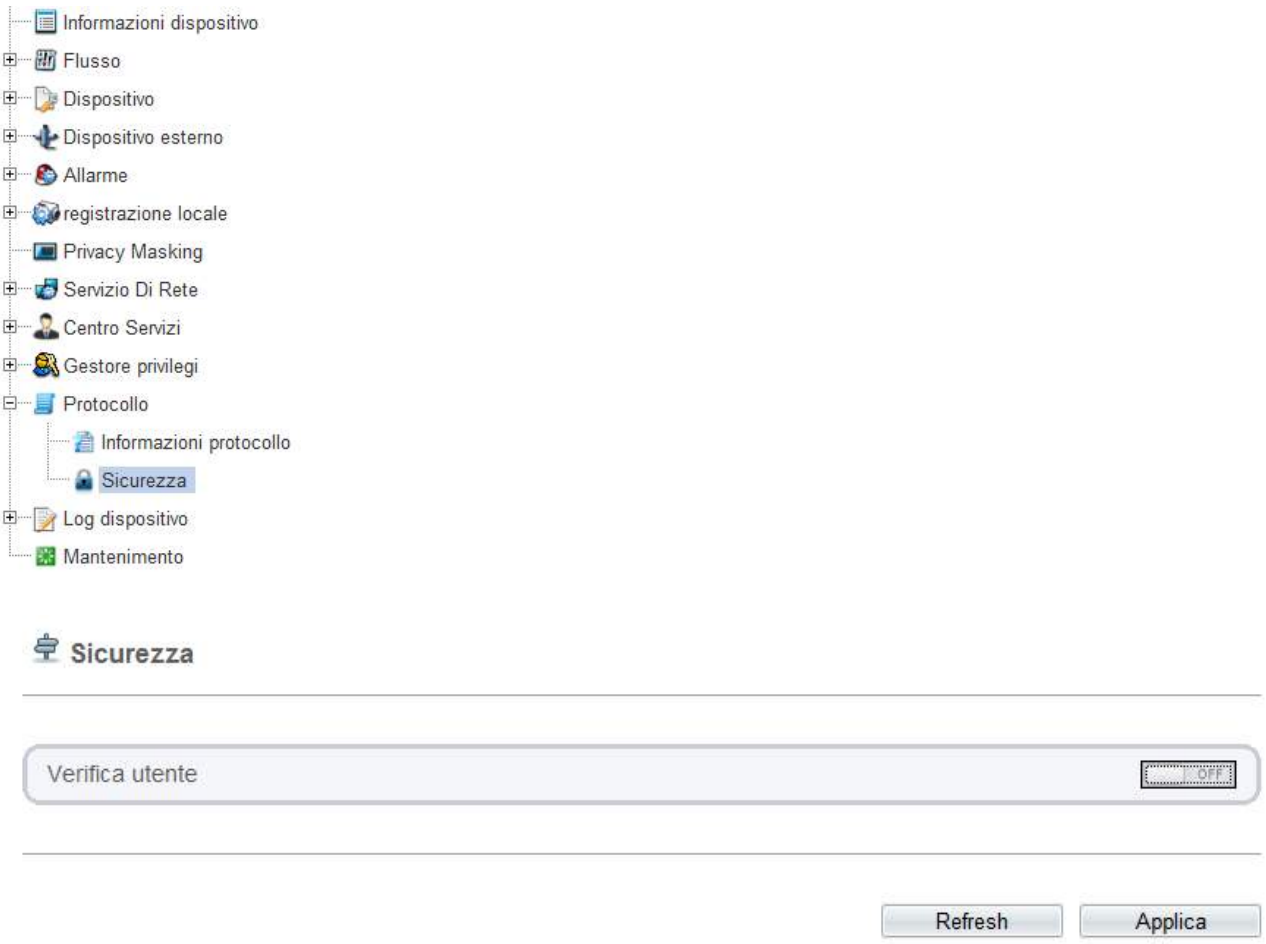


PROTOCOL / INFO



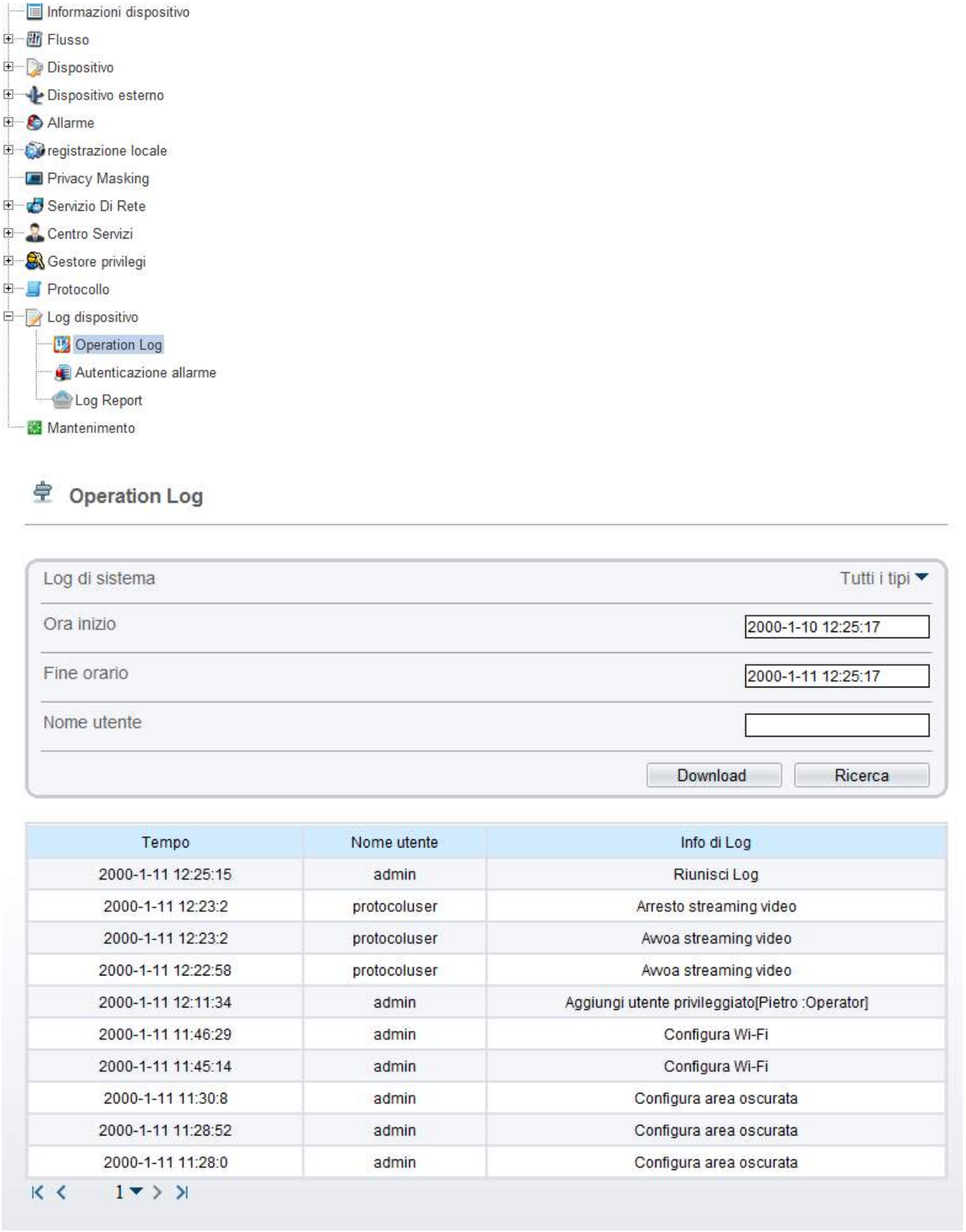
This window defines the protocol used by the camera in the conversation with the client. The RH cameras use the ONVIF protocol that has established itself as a universal standard in the world of IP cameras. The full ONVIF integration allows you to use the RH cameras with the majority of software platforms for recording and NVR on the market.

PROTOCOL / SECURITY



The ONVIF protocol provides the ability to use as a security option user verification before sending video streaming.

LOG DEVICE



In the section DEVICE LOG you can refer to the memory of the camera events divided in OPERATION section (user actions) and ALARM (alarm events).

In LOG REPORT LOG section you can download a file of all the events memory.

MAINTENANCE

This section allows you to reboot the camera and restore the factory settings. Normally, the recovery includes the network parameters and then, after the restoration, the IP address of the camera returns to default 192.168.0.120.

If you enable the feature SETTING BACKUP IP network parameters will be excluded from the operation of restoring the factory settings.

CMOS Sensor Configuration

The configuration of the browser buttons allow you to define all the settings of the camera with the exception of those which relate to the detection of C-MOS sensor behavior. The C-MOS sensor settings allow to intervene on the visual rendering of the camera correcting any shooting problems.

To access the C-MOS's settings, you click the right button in the live video pane and choose SENSOR CONFIG. Alternatively, tap the bottom button

A window opens with several folders is explained in detail in the separate manual on the CD.