



Video recorders Series DH

DVRs for analog cameras, 960H, HD-SDI



ViewCam Program Manual

How to install and use the mobile app



Contents of this handbook

This manual describes how to install and use the ViewCam program that allows remote management of DVR DSE RH Series from mobile devices and tablets. ViewCam is available for Android OS and Apple iOS (iPhone, iPad).

Installing the program

The program for the management of DH series DVR from your smartphone or tablet is called **VIEWCAM LITE**.

E 'can download the version for Apple devices (iOS) directly from the Apple Store or the version for Android devices from Google Play.



ViewCam is not available for other mobile operating systems now less used as Windows Mobile, Blackberry, Symbian etc.

Once the application is installed you will find available on your mobile device the program icon to launch it.





Log-in

The access ViewCam program prompts for credentials to log in. Two modes of LOG-IN are available: **NORMAL** and **88110.NET/REELINK.NET**

RULES 'OF LOG-IN: NORMAL

The first mode of log-in is defined **NORMAL** and it lets you work with ViewCam on your smartphone by manually entering the data of the DVR to connect to. This is probably the mode you choose the first access. In this mode you do not need to enter user name and password

RULES 'OF LOG-IN ON CLOUD SERVER: 88110 / REELINK

The second mode of LOG-IN allows you to log in directly to the free services CLOUD

WWW.88110.NET and **WWW.REELINK.NET** available to users of DVR Series DH. The CLOUD services are detailed in the installation manual and allow you to create an account and manage with ease via the internet also many DVR without the need for static IP, DDNS and router ports mapping.

Choosing the type of log in: 88100.NET will not have access to DVR set in your mobile device, but to all the DVR you have entered in the configuration pages CLOUD 88110 or REELINK server.

In the type of LOG-IN CLOUD towards 88110 / REELINK server you will insert the username and password you registered on the site.

The default server is 88110.NET. To use REELINK.NET must overwrite the server name.

As described in detail in the installation manual access to 88110 and REELINK cloud services can be recording a SENIOR account to manage multiple DVRs online, or directly using the unique ID of your DVR. If you opted for the Senior Account you must type in the user name and password you set up for your account. If you want to access through the ID of your DVR, you can find it on the back of the or configuration information panel.

To avoid manually type the long alpha-numeric code, you can tap the icon QR code on the screen and scanned the QR code you find in DVR information panel



In this manual, reference will be made to access type LOCAL.

For more details on CLOUD services included with the DVR DH series see the installation manual.

Add a DVR

After logging-in the program will not be operational until it is inserted will be the data of at least one DVR to connect to.

To add a DVR press the down button on the left DEVICE

CAUTION. The control buttons are available only with the device in a vertical position, not in the vision with horizontal screen.



NAME - The DVR name badge to connect

IP - The IP address of the DVR. E 'can enter the internal IP address of the network if you want to connect to internal network Wi-Fi or the

IP address of the router to connect to the Internet



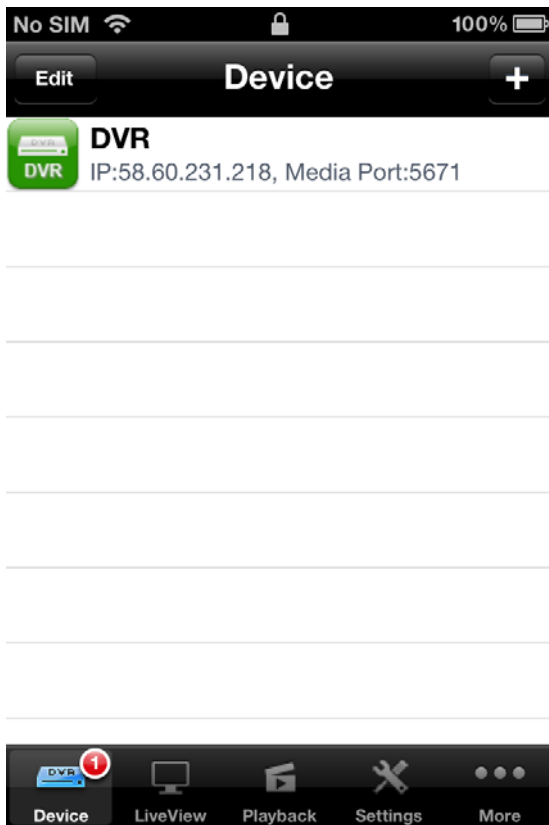
through the cellular network. In this second case it is necessary to have suitably mapped in the router ports WEB MEDIA and as illustrated in the installation manual.

MEDIA PORT - Enter the port for streaming video that is set in DVR (default: 9000)

WEB PORT - Enter the port that the web is set in DVR (default: 85). This port is not essential for the connection from mobile phone but is used by some functions, for example in the remote configuration of the DVR settings. USER NAME - User name, by default: admin

PASSWORD - Access, Factory Password: leave empty CHANNEL - number of DVR channels

After confirming the new DVR will appear in the list of equipment.




To change the new DVR settings, press the EDIT button in the upper left

LIVE Vision

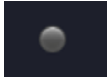
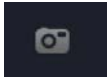


To connect to the DVR just tap the icon in the DEVICE list and will open the live video



In LIVE Vision you can change the DVR connected by pressing the SELECT button. The following commands are available:

Button	Function
	Control speed dome PTZ



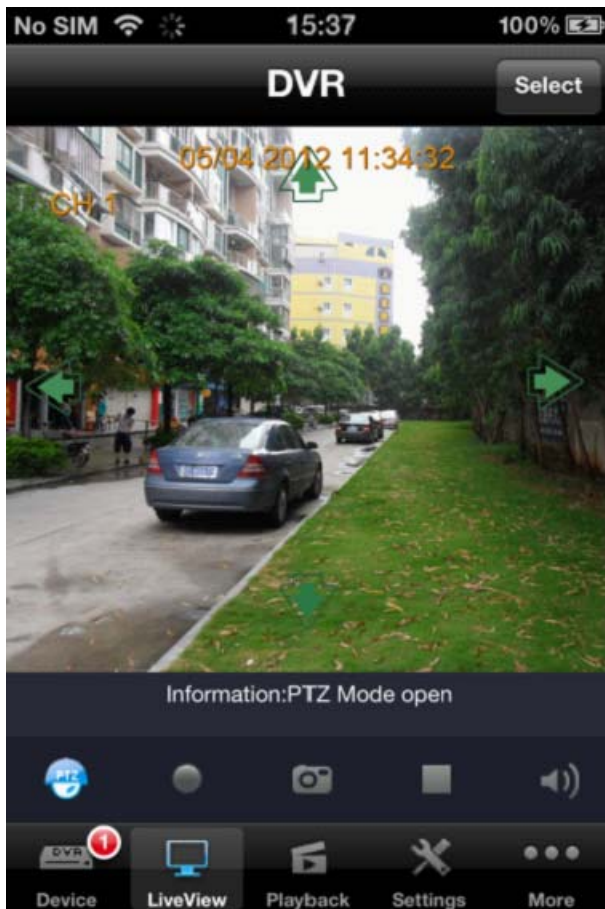
	<p>Starts recording of all channels</p> <p>The recording is stored in the mobile device's memory and can be</p> <p>PLAYBACK play in the section Capture a snapshot of</p>
	<p>all channels at that moment. The picture is stored in the mobile device's memory and can be</p> <p>see the section PLAYBACK Stop / Start the live</p>
	<p>vision of</p> <p>Cameras Enable / Disable</p>
	<p>playback</p> <p>sound</p>

In live view you can select the full screen one channel with a double tap on the image.




In full screen viewing is possible to zoom magnification using the classic gesture with thumb and forefinger. E 'can also browse the various full screen cameras dragging the index from right to left or vice versa.

If the connected camera is a motorized speed dome it is possible to press the PTZ button to control the movement by touching the arrows superimposed.



Playback

ViewCam allows you to play back the recording, as well as those stored in the DVR remotely connected, and those stored on the mobile device.

Press the button  to access the playback environment.



There are 4 play modes:

REMOTE PLAYBACK: Play videos recorded in HDD DVR remotely connecting LOCAL PLAYBACK: Playback of saved videos on your portable device CAPTURE PLAYBACK: Viewing photos taken with the portable device EVENT PLAYBACK: Playback of alarm events stored in the remote DVR

REMOTE PLAYBACK / EVENT PLAYBACK

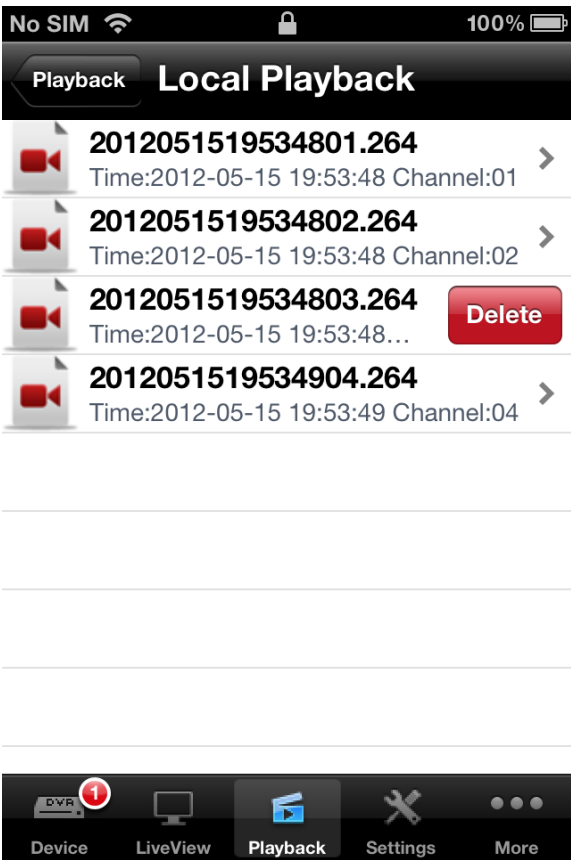
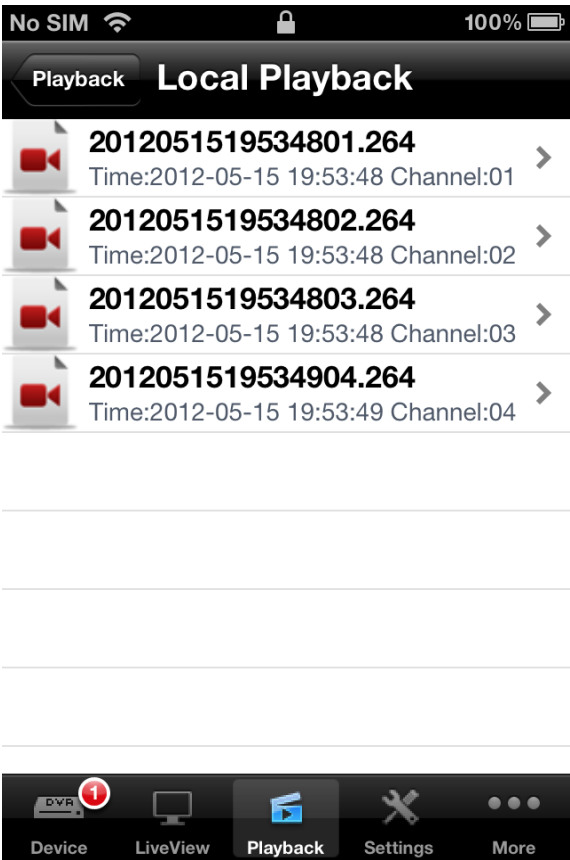
E 'you can search video by date and time



Under EVENT PLAYBACK in the same way you can explore the archive of the Remote DVR events.

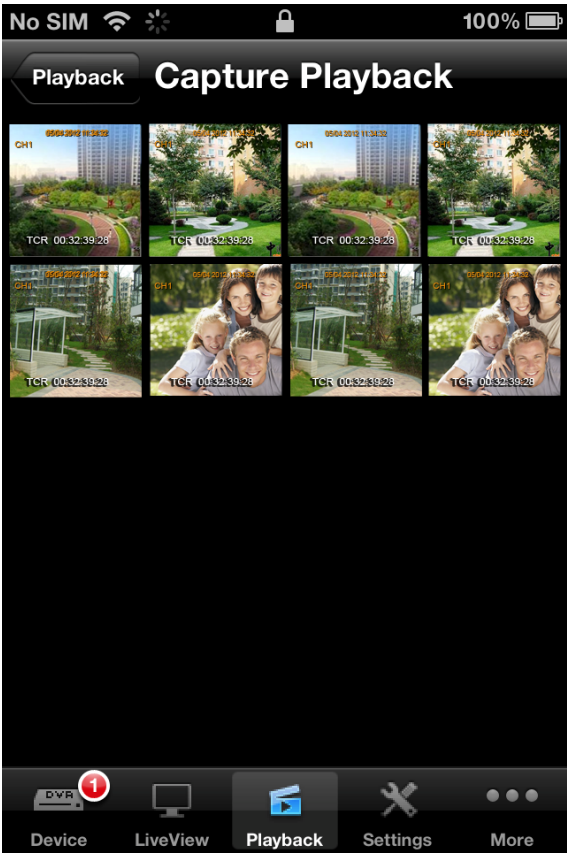
LOCAL PLAYBACK

E 'can choose and play videos stored in the mobile device's memory by pressing the record button during live viewing.



CAPTURE PLAYBACK

E 'can choose and see a still image in the mobile device's memory by pressing the Snapshot button in the live view.

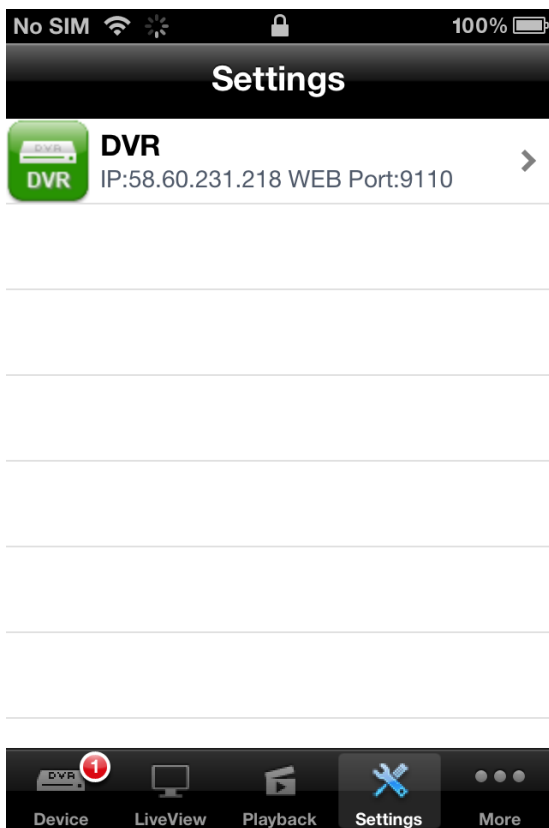




DVR Configuration

ViewCam allows you to remotely configure the DVR with which it is connected. It's a very advanced feature that allows full remote control of the VCR.

Click on SETTINGS button



In the list of equipment it is possible to choose which of the DVR loaded in the mobile device you want to configure.



The programming environment icons allow you to open the configuration pages where you can set all the functional options of the DVR.
For a breakdown of programmable options of the DVR to see the configuration manual.

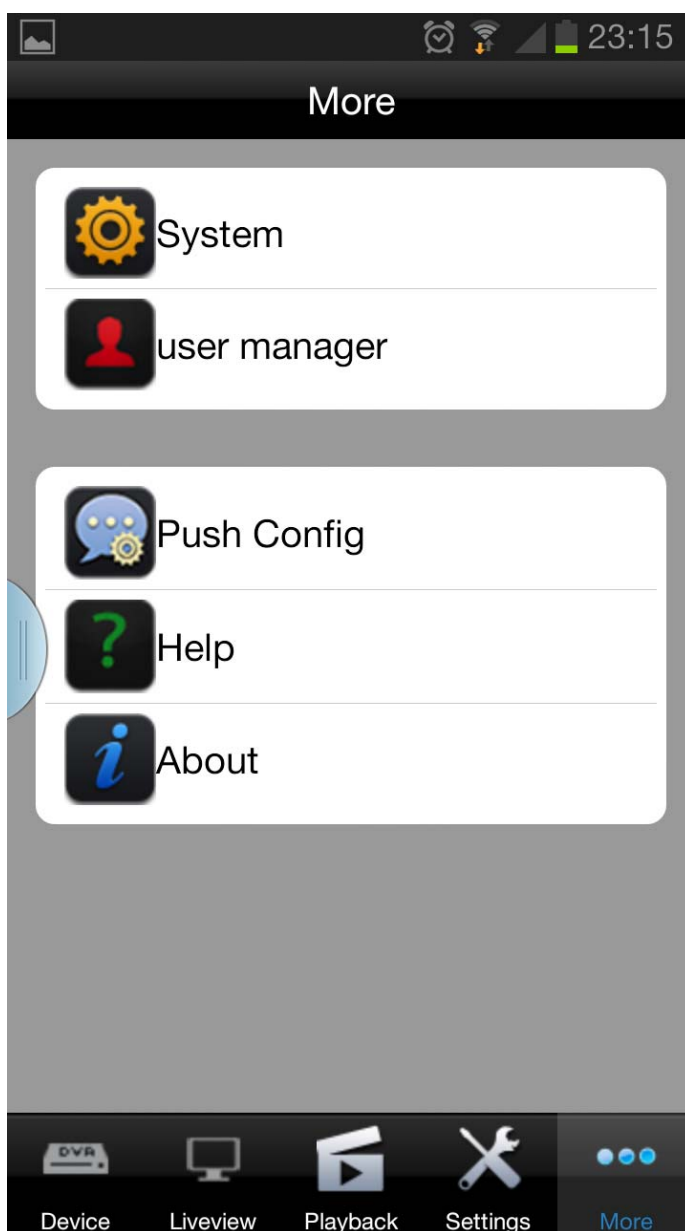
More options

When you press the MORE button



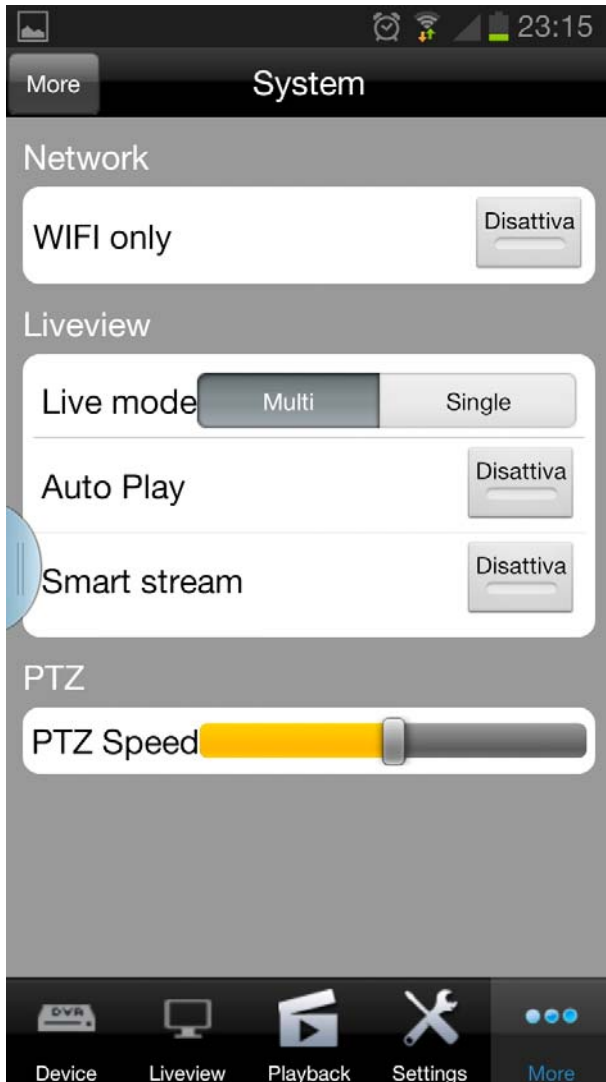
you can configure some other program options

ViewClient.



SYSTEM

In this folder there are some general options for the operation ViewCam



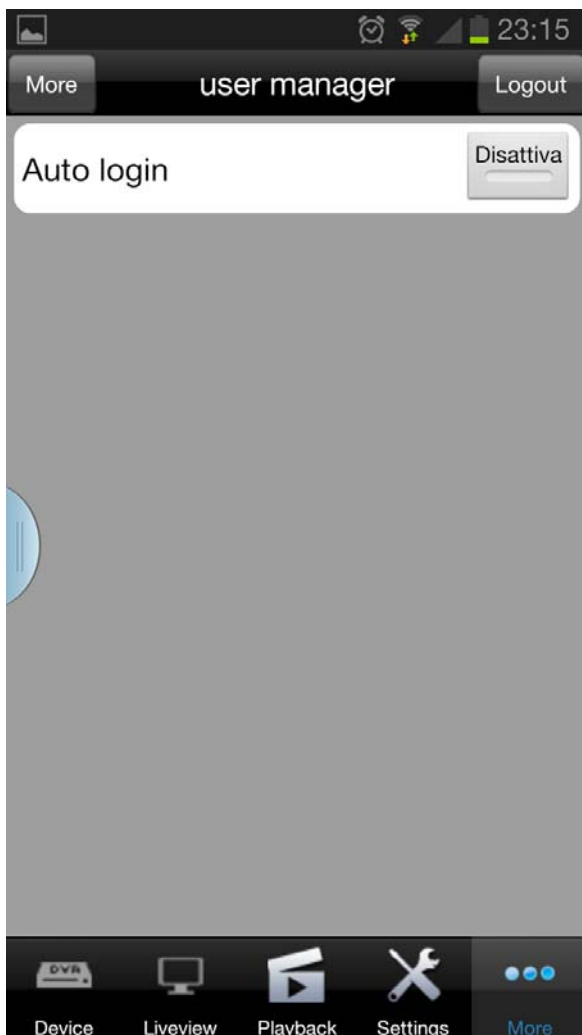
WIFI ONLY - If enabled allows operation only under Wi-Fi network to avoid consuming data traffic when you are connected to the cellular network.

LIVE MODE - MULTI or SINGLE allows or not the live view of multiple DVR simultaneously **AUTOPLAY** - Have automatically streaming video startup ViewCam **SMART STREAM** - Enable the automatic management function of streaming video to better adapt to the bandwidth available.

PTZ SPEED - Adjusts the movement speed of the speed dome cameras in the PTZ controls.

USER MANAGER

In this section you can activate the automatic log-in LOCAL mode when the program is useful to skip a step if not using the remote log-in at the DDNS server of the DVR.



PUSH CONFIGURATION

The DVR DH series are able to send real-time notifications PUSH type to mobile devices with ViewCam application. This option is described in the next chapter.

Notifications PUSH

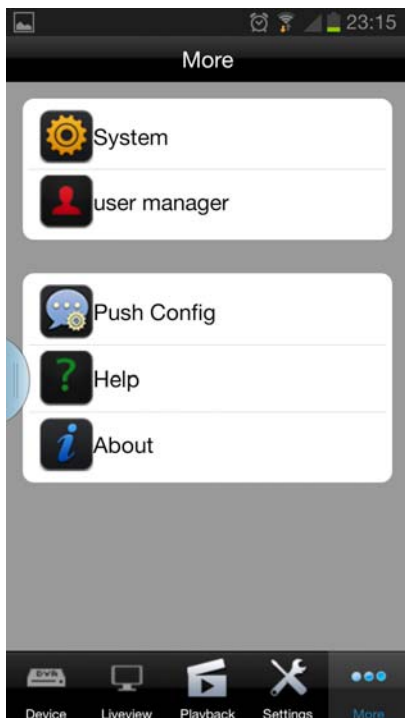
With the ViewCam application you can receive notifications on your smartphone on alarm event containing the movie. The notification is a very convenient tool because it allows you to be informed in real time even if the ViewCam program is not running on the smartphone. Obviously because the notification can take place it is necessary to be in an area covered by DATA mobile network.

To obtain the push notification on the mobile phone must perform 3 operations: 1 - Activate the notification function in ViewCam
2 - Ensure that you enabled the smartphone notifications management 3 - Enable sending PUSH notifications in the DVR actions.

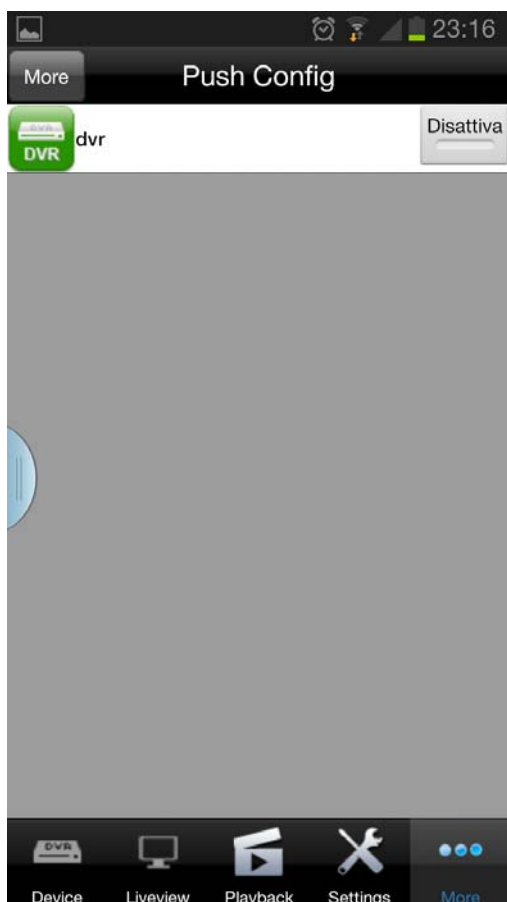
ACTIVATE PUSH NOTIFICATION IN VIEWCAM

Access VIEWCAM as shown above.

Press the MORE button



Press the PUSH button CONFIG



This page enables the reception of PUSH notifications coming from the DVR. Select the DVR on the list and press the ON / OFF button. The PUSH notification is activated when the button shows the message OFF and the colored indicator lights. If the operation went fine and appear a failure message, verify the functionality of the remote connection with the DVR.

ENABLE NOTIFICATION OF SMARTPHONE IN VIEWCAM

Some mobile devices allow you to enable and disable the PUSH notifications for various applications. To ensure that you receive notifications from the DVR must intervene in the smartphone configuration.

In the example we see an iPad configuration.



Inside the notifications configuration it is possible depending on the device to enable / disable the reception of notifications and also define the manner in which will be shown on the screen.

ENABLE SENDING NOTIFICATION IN DVR

To receive PUSH notifications from the DVR is finally necessary to enter the DVR configuration and enable sending push notifications.

This function is explained in the configuration guide.



In the example above we have entered the alarm configuration for motion detection and we have included the PUSH notification from the alarm actions provided for channel 1. It should do the same for all alarm causes you wish to receive in real time on smartphone.

RECEIVING NOTIFICATION

After completing the programs described above can be closed VIEWCAM on their smartphones. Upon the occurrence of 'alarm event notification will appear on the mobile device.



Clicking on the notification you can immediately play the recorded video of the channel that triggered the event.