WEB INTERFACE MANUAL

New firmware release 4.0 for Videotec cameras

Videotec has announced the new firmware release 4.0 for Videoencoder and Videoanalytics update.
Alongside further improvements of existing features, this update also introduces new functions to Videotec cameras.
Videotec continuously develops useful solutions for the evolution of its products.

Videotec bases the development of its products on the concept of cyber-sustainability and assists integrators and customers keeping their systems protected.
At Videotec, the following four principles are the basis for implementing cyber-security in products:

1- Hardening software architecture to minimize the attack surface of the cameras;

2- Constant updates and availability of new features, even on old products;

3- Removal of predefined credentials in the products, to strongly indicate to customers that, as a minimum, a new username and password combination must be defined by the user during installation according to the system-level security requirements. This principle is also in accordance with the ONVIF Profile Q specification.

4- Contribution to the ONVIF Security Service specification, to push the industry shifting from usernames and password to X.509 certificates;

This firmware can be uploaded on EVO all versions, MMX, NVX, NTX, MVXT, MPX SERIES2 all versions, NXPTZ SERIES2 all versions and on all the Delux product family.

What's new in the Videoencoder firmware 4.0:

1- IP Filter Module for a greater security:
- Incoming Connections: to mitigate the risk related to attacks performed by unauthorized network node, it is possible to restrict the authorized IP addresses that can connect to the device.
- Outgoing Connections: to limit the destination IP addresses, so that the device will not be able to transmit sensitive data all-over the network.

2- Improved Autofocus procedure for the device with Videotec camera: increased the Timeout between the End of Movement and the Autofocus Trigger.

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3-Added Pan Tilt controls onto the Home Page snapshot for precise and faster movements: To move the unit, you can click on the snapshot in the desired direction.

4- Added ONVIF events for thermal cameras to export the temperatures so that the VMS, via a plugin, can display a graphical representation. The emission rate of these events can be configured through the "Radiometric Rule" web page.

5- Wiper automatic activation can now be scheduled via Automatic Action engine. It is possible to schedule the time and day of activation.

6- SysLog Improvement to simplify the transmission of data to technical assistance. You can download the System Log which now includes any useful information about the Device for more effective troubleshooting.

Improved performance for Videotec Video Analytics:

1- Algorithms process better images.

2- Metadata on the home page.

3- New GeoMove&Track functions (GEO-LOCATION: AZIMUTH TOOL): The way to test the " go-to geo-coordinates" has been improved. With this new version, you have simply to position on a calibrated preset of the fixed camera, draw a target in the image with the mouse, click the center of the target, set the size and then activate the test. Finally, just check that the remote PTZ is positioned correctly on the target.

4- It is possible to START and STOP the analytics through ONVIF commands.

5- It is possible to control the analytics through HTTP API commands.

- it is possible to start the analytics through these commands in a certain preset or in the current position.

- It is possible to stop it and in this case the PTZ remains in the position where it was when it received the command.

- it is possible to reset the analytics. In this case the analytics stops and starts again in the position from which it started.

You can find a list of compatible VMS here:https://support.videotec.com/.