

Requirements

The VideoIQ camera with analytics can be used with any exacqVision server running exacqVision version 4.0 or later.

Configuring Camera Analytics

- 1. On the camera's Settings page, deselect DHCP and enter a fixed IP, subnet, and router.
- 2. Set Authentication to Basic.
- 3. Configure the analytic alarms in the VideoIQ View software. Below are two examples for Loitering and Line Cross events.



Note: Be sure to remember your rule names. These will be used to filter data coming into the exacqVision server and configure video recording events.





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3 Configuring exacqVision

- 1. Open the IP Cameras page in the exacqVision Client software and complete the following steps:
 - a. Click New.
 - b. Select **RTSP** as device type.
 - c. Enter rtsp://ip-address/hiQ.sdp as the hostname, replacing "ip-address" with the camera's actual IP Address.
 - d. Enter the camera's username and password (the defaults are supervisor/supervisor).
 - e. Click Apply.

NOTE: VideoIQ cameras stream video to exacqVision servers using the RTSP protocol. Because RTSP does not include a discovery protocol, it is not possible for the exacqVision software to automatically locate the camera on the network.

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- 2. Open the Serial Profile Setup page in the exacqVision Client software and complete the following steps:
 - a. Click New.
 - b. Enter a descriptive Profile Name, such as "VIQ." This profile can be used with multiple cameras.
 - c. Enter ruleName=LineCross as the SOT Marker.
 - d. Enter endRule as the EOT Marker.
 - e. Select the Case Sensitive option.
 - f. Enter ruleName="event-name" as the Key Word. (This causes exacqVision to recognize specific events.)
 - g. Click Apply.

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Note: There should be separate profiles for each type of actions so that each event can be captured individually. To capture all events, a single profile can be used with the SOT Marker **ruleName=**. However, you might then want to add a Key Word such as ruleName=LineCross or ruleName=Loitering so that you recording video only for the desired events. Configuring recording events is described later in the document.







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- 3. Open the Serial Port Setup page in the exacqVision Client software and complete the following steps:
 - a. Click New.

NOTE: In the following steps, substitute your camera's IP address for "ip-address." Also, all steps should be performed in the IP section (not the Uart section).

- b. In the Use column, select Access Ctrl.
- c. In the Name column, enter a descriptive name, such as "VIQ."
- d. In the Profile column, select the profile that you created earlier from the drop-down list. (If you created more than one profile for different events you will need to create a port setup using each profile).
- e. In the Type column, select http.
- f. In the Address column, enter http://supervisor:supervisor@ip-address/notifications. (If you changed the password to something other than "supervisor," change it as needed in the address.)
- g. In the Port column, enter 80.
- h. Click Apply.
- i. Repeat for each additional VideoIQ camera.







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- 4. Open the Event Linking page in the exacqVision Client software and complete the following steps:
 - a. Click New.
 - b. Select Serial Profile as the Event Type.
 - c. Select the profile that you created as the Event Source.
 - d. Select **Record Video** as the Action Type.
 - e. Select the VideoIQ camera as the Action Target.
 - f. If desired, select a **Pre Trigger** and **Post Trigger** to record additional video before and after the event.
 - g. Click Apply.



The exacqVision system will now record video based on the VideoIQ camera-detected events. The following picture shows events as they occur on the image from the camera:







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