Bosch Integration Configurator User Guide

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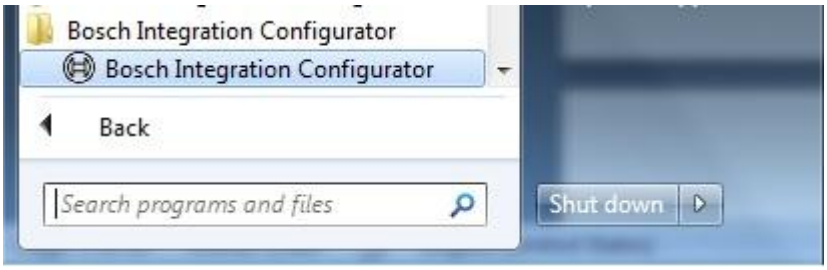
2 PREREQUSITES

The following software packages should be installed on the Target Machine (PC) before installing Bosch Integration Configurator.

- Microsoft .NET 4.0
- Bosch VideoSDK 5.71 or greater

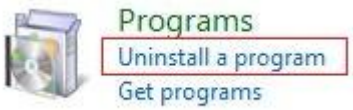
3 INSTALLATION

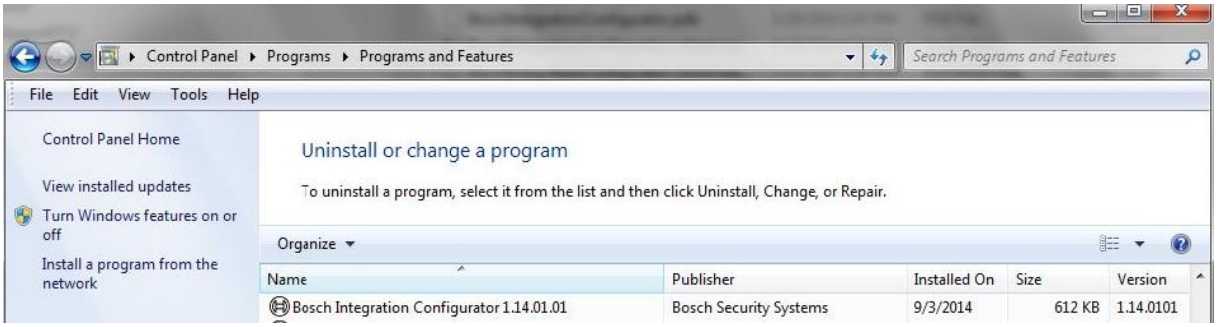
- Run the **BoschIntegrationConfigurator.msi** file on the Target Machine.
- Proceed with clicking on the default buttons to complete the installation.
- Wait until installation is complete.
- Click **Close** button to finish installation process.
- The application folder **"Bosch Integration Configurator"** will appear in the All Programs list.



4 UINSTALLATION

- Go to the **Control Panel** and select an **Uninstall a program** option under **Programs** group.

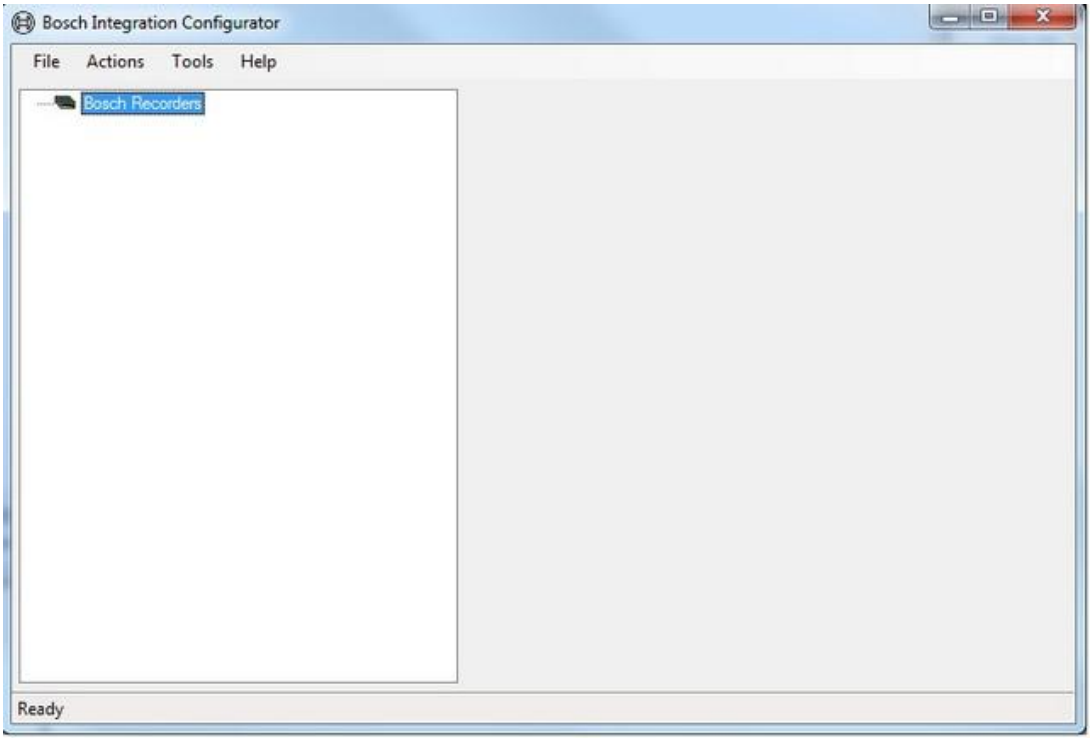




- Press the **Uninstall** button to start the uninstallation process.
- Wait until uninstallation is complete and then use Programs and Features to check that Configurator has been successfully uninstalled.

5 DEVICE CONFIGURATION

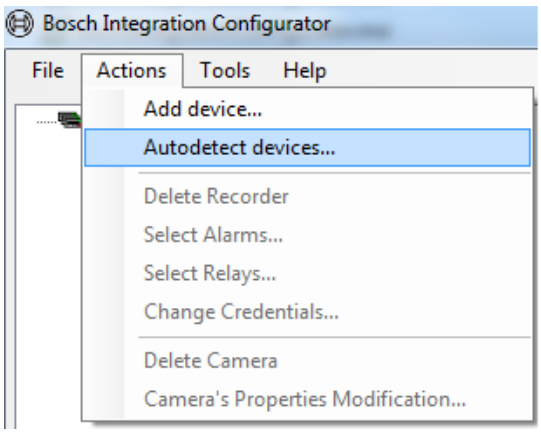
Run the Bosch Integrator Configurator application from the installation folder or from the windows Start menu.



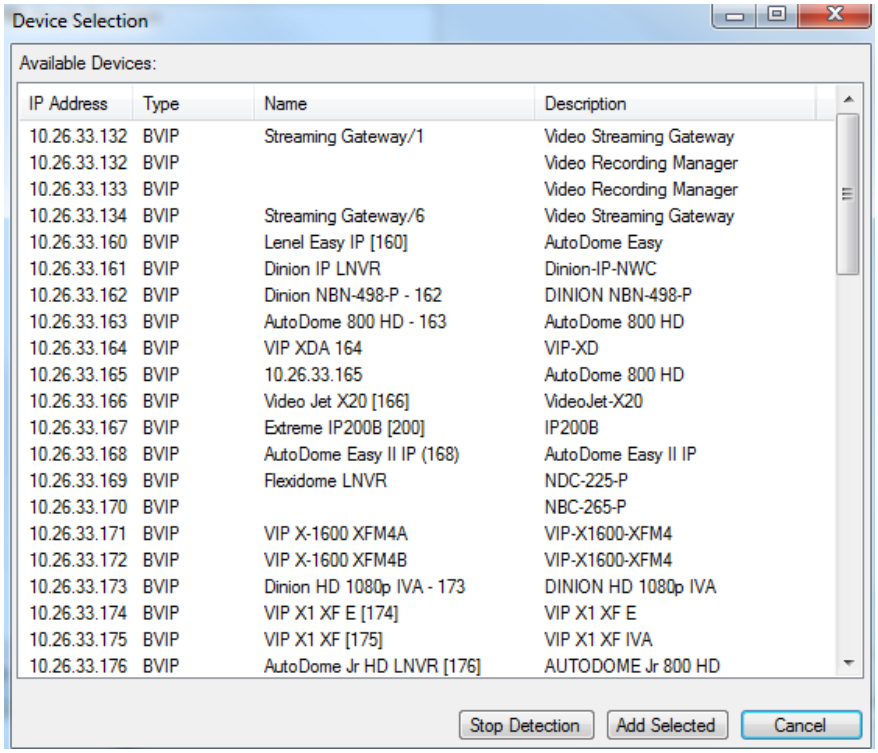
5.1 Add Recorders

5.1.1 Add Recorders via Auto Detection

- Under the **Actions** dropdown menu, click on **Autodetect devices** to auto detect the devices.

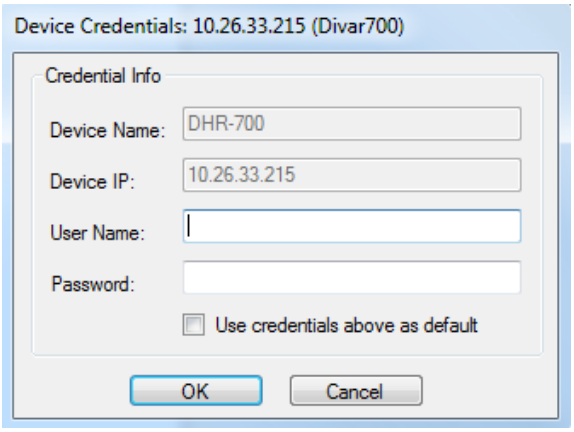


- The network devices detected are listed in "**Device Selection**" form as shown below.



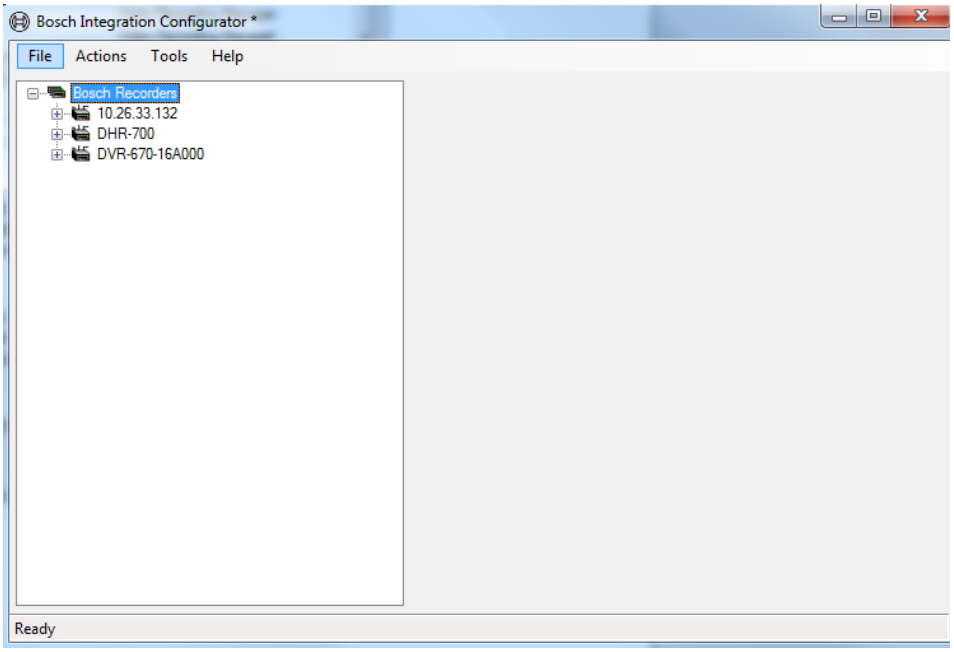
- Select the device/s to be added to the recorder list by clicking on the device/s. For multiple device selection press the Ctrl key on the keyboard while selecting the device. Click on **Add Selected** button to initiate adding of the device/s to the recorder list.

- The user will be prompted to enter the device credentials for each of the selected device. In case the device credentials is the same for selected devices, the user can enable the option **Use credentials above as default** to not display the **Device Credentials** form for each of the devices.



Note: - For Local Divar IP / VRM / DLA recorders, the **Device Credentials** form will be automatically displayed for each of the device managed by the Divar IP / VRM / DLA. The user has the option for inclusion or exclusion of the configured devices on the Divar IP / VRM / DLA. Please note that clicking the **Cancel** button for the recorder will exclude the recorder from the recorder list and clicking **Cancel** button for a device managed by Divar IP / VRM / DLA recorders will exclude the device under the respective recorder.

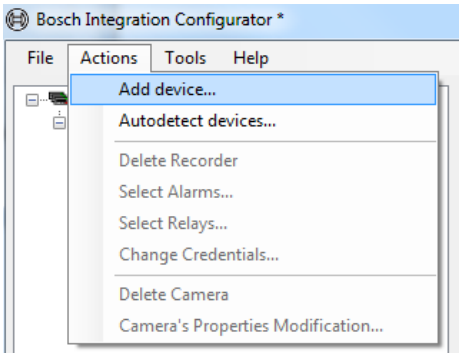
- After adding the credentials information for each of the selected device, the selected devices will be added to the recorder list in the device tree as shown below



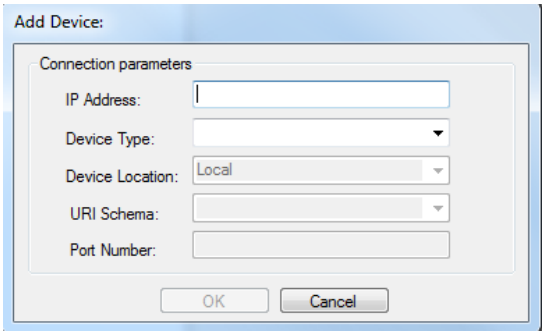
5.1.2 Add Recorder Manually

5.1.2.1 Adding Local Recorder Manually

- Under the **Actions** dropdown menu, click on **Add device**.

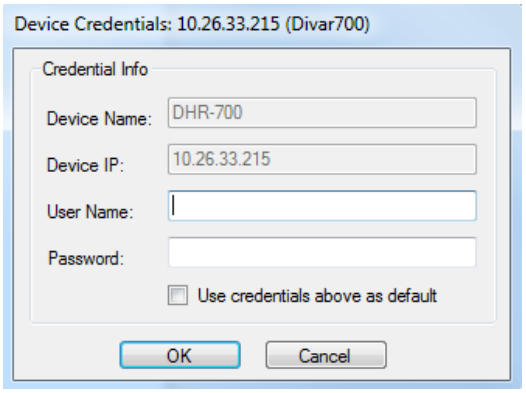


- The **Add Device** form is displayed.



- By default the **Device Location** is **Local** for devices. For **Local** devices, enter the **IP Address** and select the respective **Device Type** from the list and click on **OK** button.

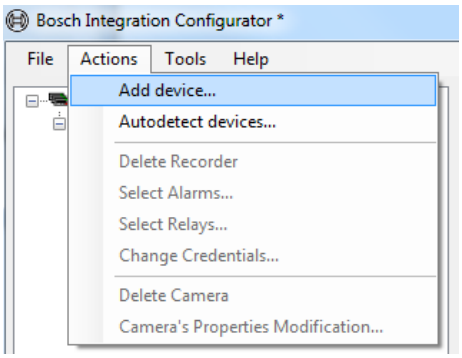
- The user will be prompted to enter the device credentials for the added device



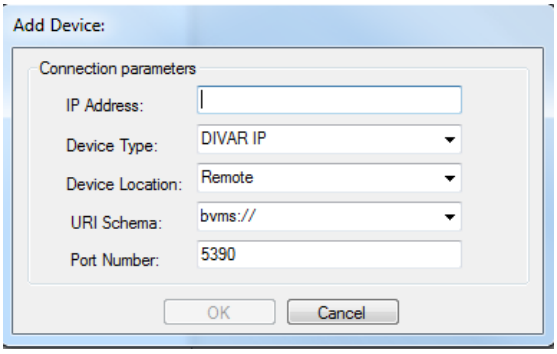
Note: - For Local Divar IP / VRM / DLA recorders, the **Device Credentials** form will be automatically displayed for each of the device managed by the Divar IP / VRM / DLA. The user has the option for inclusion or exclusion of the configured devices on the Divar IP / VRM / DLA. Please note that clicking the **Cancel** button for the recorder will exclude the recorder from the recorder list and clicking **Cancel** button for a device managed by Divar IP / VRM / DLA recorders will exclude the device under the respective recorder.

5.1.2.2 Adding Remote Recorder Manually

- Under the **Actions** dropdown menu, click on **Add device**.



- The **Add Device** form is displayed.

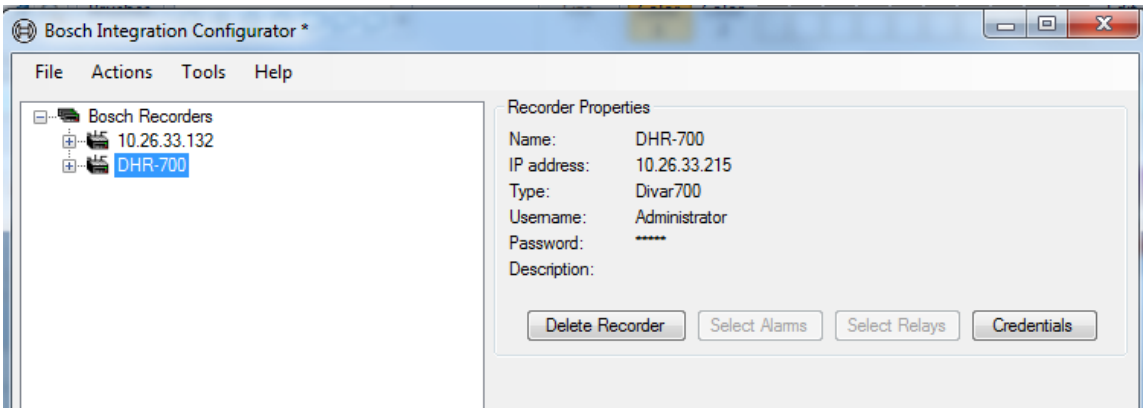


- For remote Divar IP devices, the following entries are required to be entered
    - **IP Address** of the remote Divar IP
    - Select **Device Type** as **DIVAR IP** from the list
    - Select the **Device Location** as **Remote**
    - Select the URI schema as **bvms://** from the list
    - BVMS Port Number
- Click **OK** button to add the remote Divar IP to the recorder list automatically.

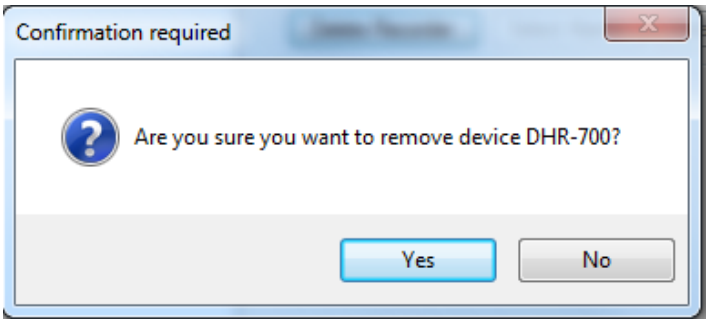
Note: - The BVMS username and password should be entered as the device credentials in the **Device Credentials** form to connect to the remote Divar IP device. Please note that the **Device Credentials** form is not displayed for devices managed by the remote Divar IP and will be added as inputs automatically under the remote Divar IP recorder in the device tree.

5.2 Delete Recorder

- Click on the respective recorder from the recorder list that needs to be deleted in order to display the **Recorder Properties.** Click on the **Delete Recorder** button to delete the recorder from the configuration.



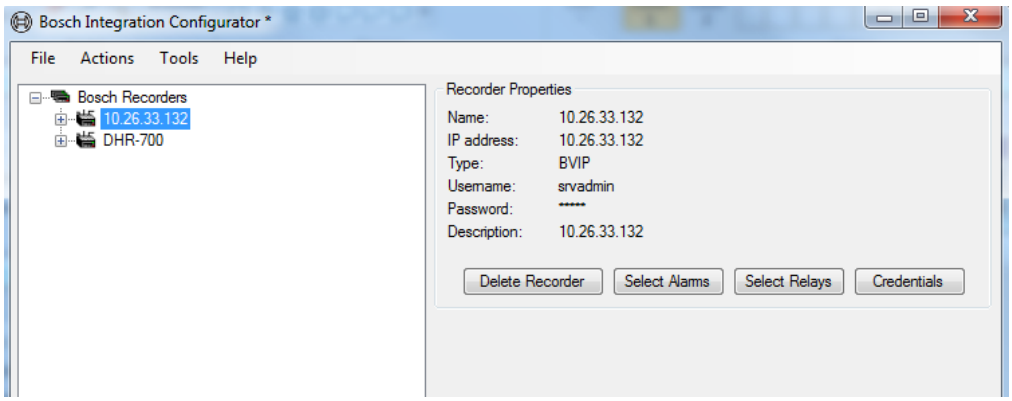
- The user will be prompted by a confirmation dialog to confirm the deletion of the recorder. Click on "**Yes**" button to delete the recorder. Click on **No** button to cancel deletion.



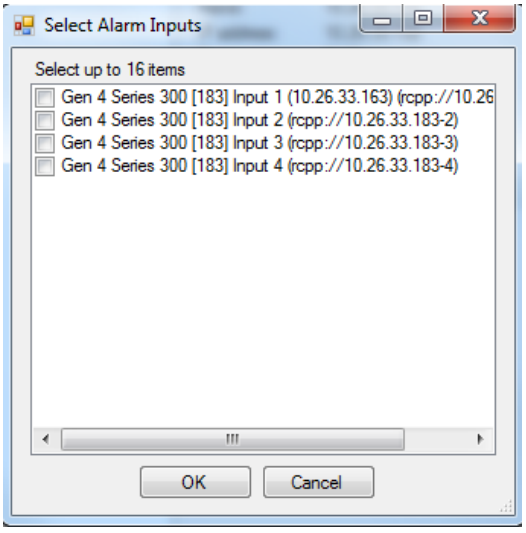
5.3 Configure Alarms

Note: - Please note that this section is only valid for VRM / DLA / Divar IP.

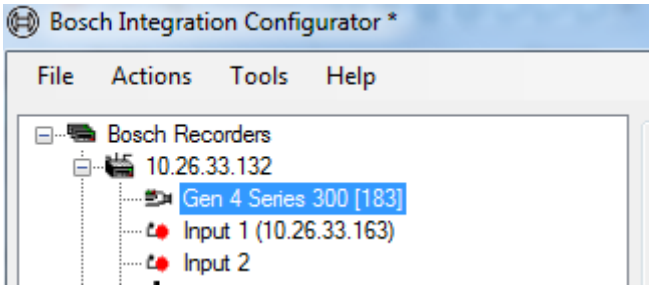
- Click on the recorder to display the **Recorder Properties**.



- Click on **Select Alarms** button to display all the alarm inputs of the devices managed by the recorder.



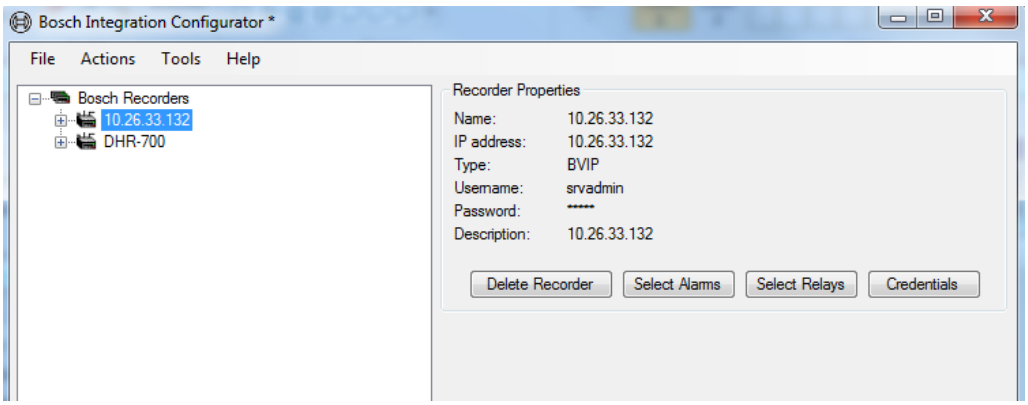
- Select the respective alarm input/s and click on **OK** button to be added as alarm inputs under the recorder as shown below.



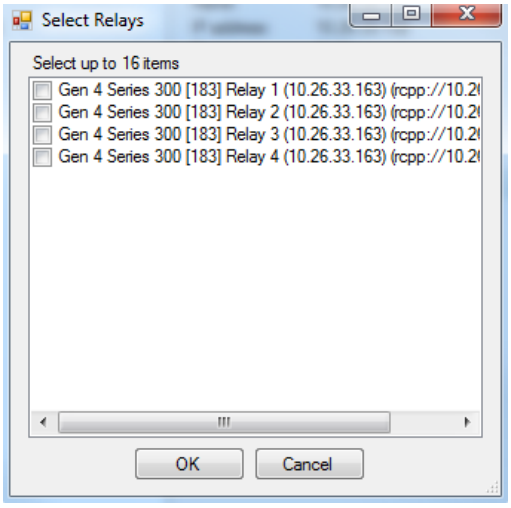
5.4 Configure Relays

Note: - Please note that this section is only valid for VRM / DLA / Divar IP.

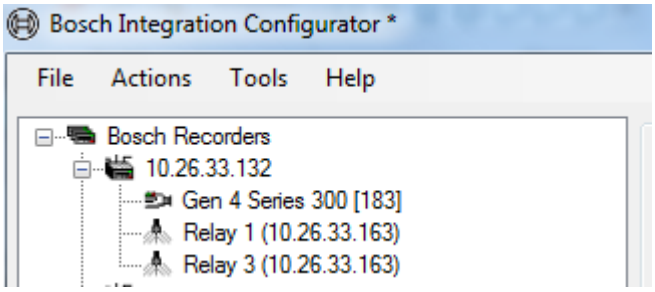
- Click on the recorder to display the **Recorder Properties**.



- Click on **Select Relays** button to display all the relays of the devices managed by the recorder.

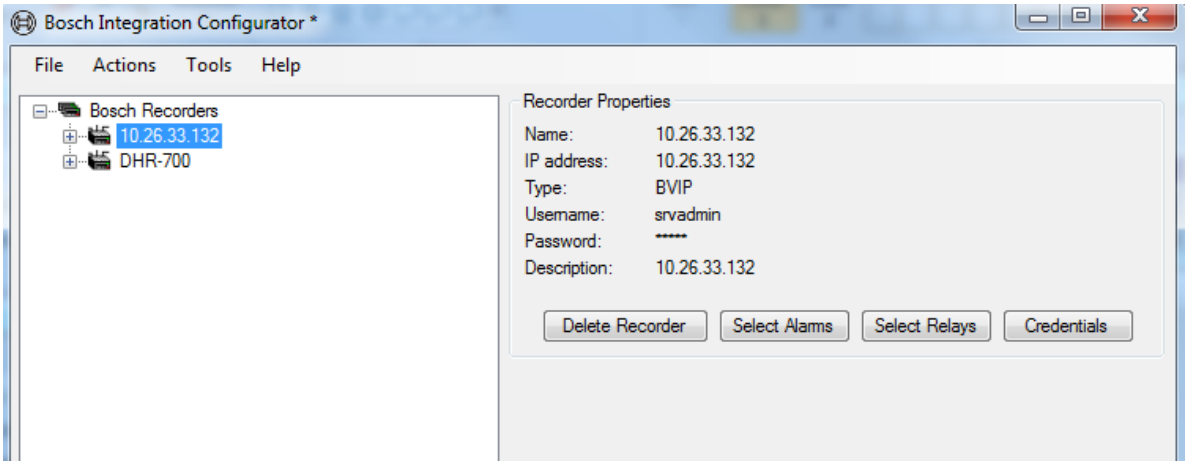


- Select the respective relays and click on **OK** button to be added under the recorder as shown below.

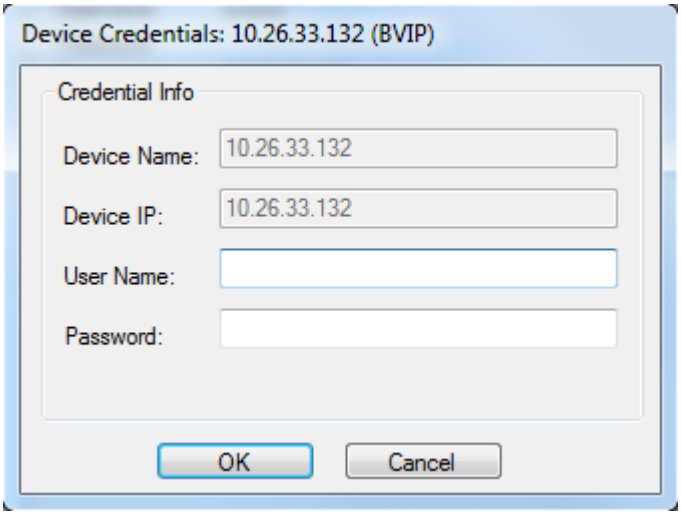


5.5 Change Recorder Credentials

- Click on the recorder to display the **Recorder Properties**.



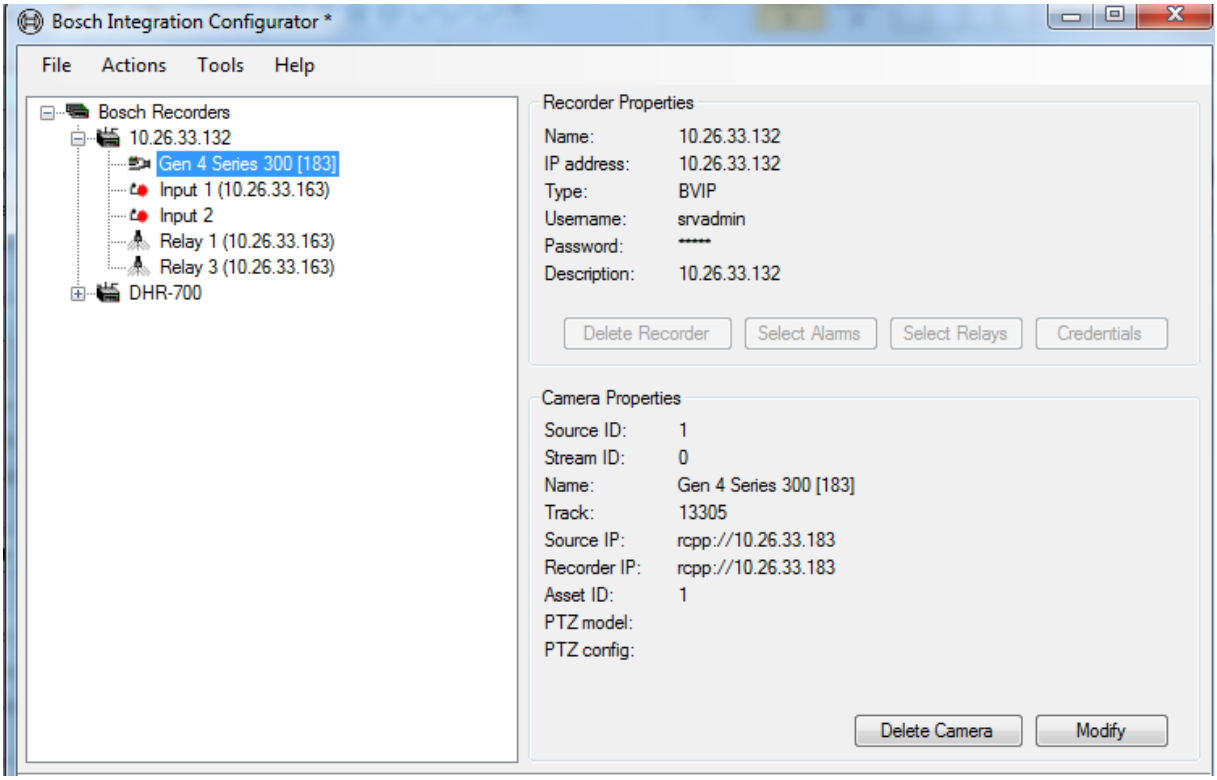
- Click on **Credentials** button to display the Device Credentials form. Enter the User Name and Password to modify the Device credentials.



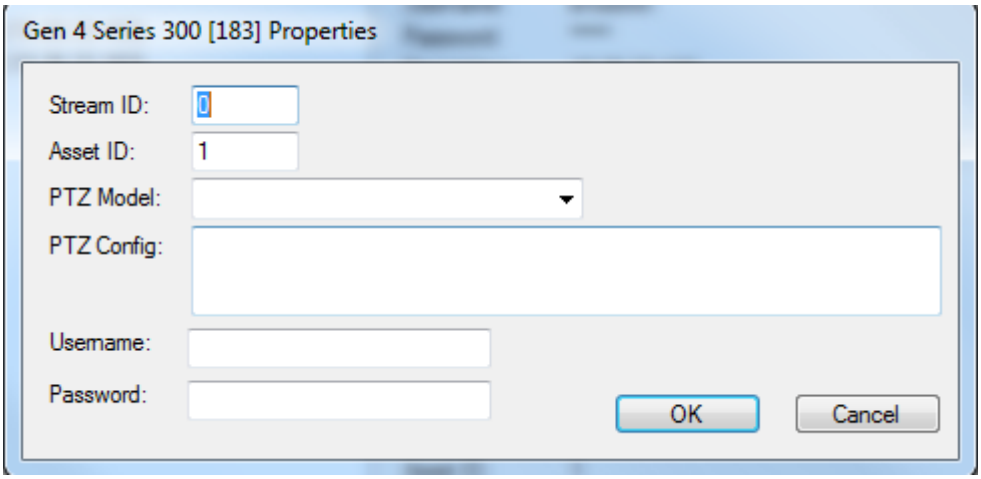
5.6 Modify Camera Properties

Note: - Please note that this section is only valid for VRM / DLA / Divar IP/ BVIP IP on edge recording. Since the default setting for all cameras is “Fixed”, each PTZcamera configured must be modified as mentioned below to enable the PTZ functionality

- Expand the recorder and click on the camera input to display the **Camera Properties** as shown.

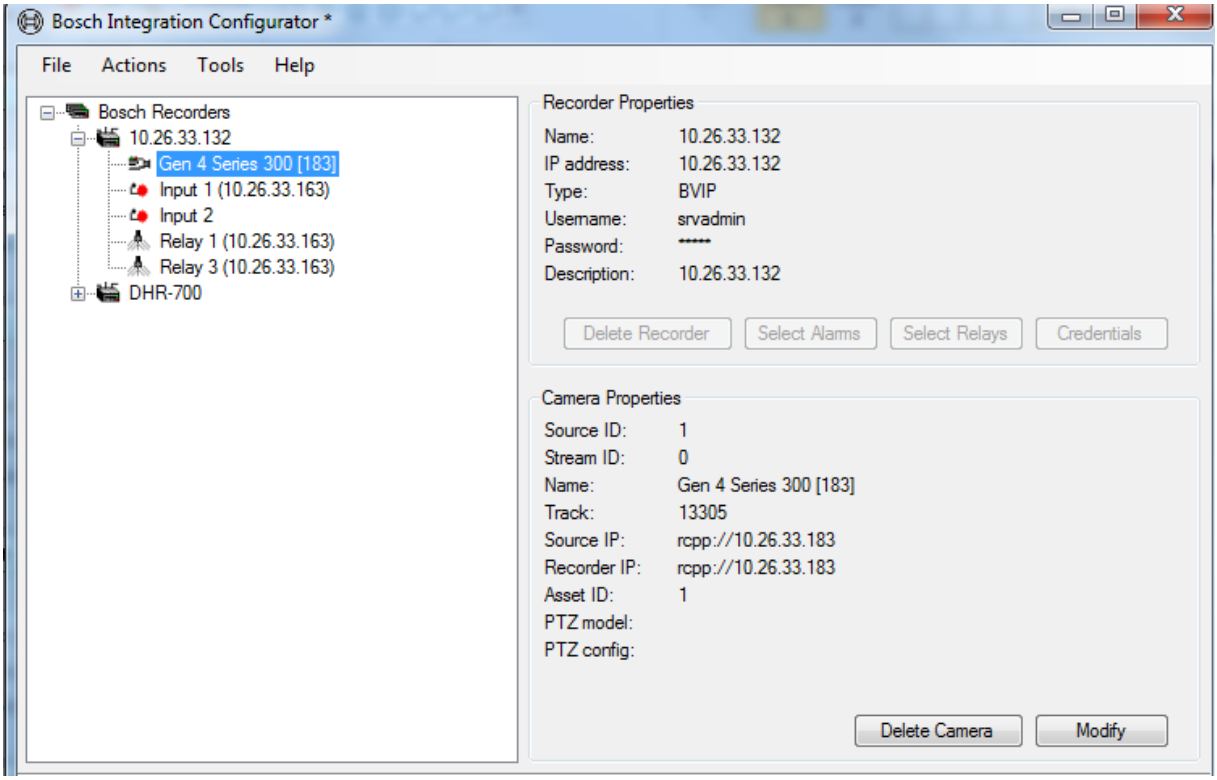


- Click on **Modify** button to change the camera properties. Please note that for PTZ Cameras the **PTZ Model** should be selected as **Bosch-Auto Dome Bilinx**.

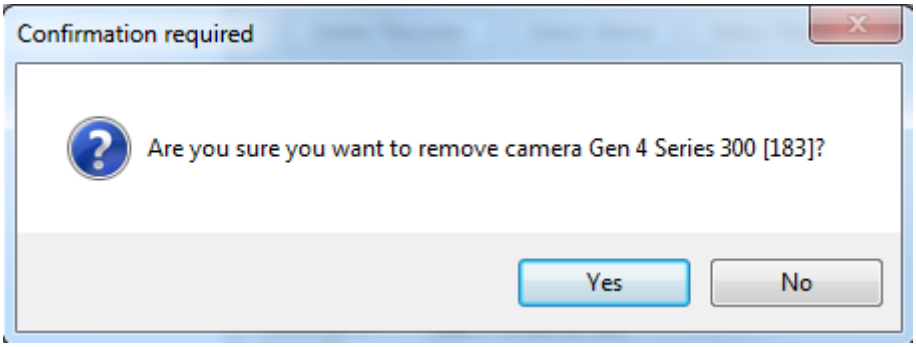


5.7 Delete Camera

- Expand the recorder and click on the camera input to display the **Camera Properties** as shown.

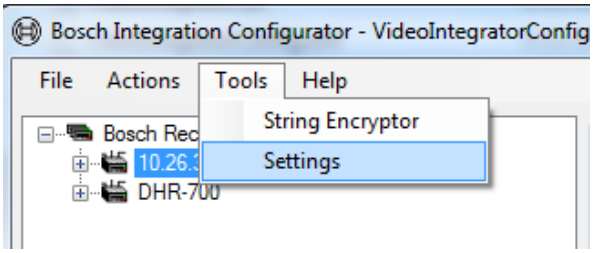


- Click on **Delete Camera** button. The user will be prompted by a confirmation dialog to confirm the deletion of the camera. Click on "**Yes**" button to delete the camera. Click on **No** button to cancel deletion.

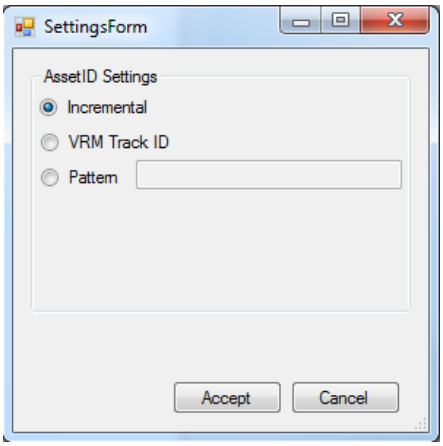


5.8 Asset ID Settings

- Under the **Tools** dropdown menu, click on **Settings** to configure the Asset ID.



- The AssetID Settings form is displayed as shown below



- The Asset ID can be configured in 3 ways as described below
    - **Incremental**
        - This setting means that the Asset ID's will begin at 1 and climb incrementally until they reach 32767

          Command Line Configuration

          >BoschIntegrationConfigurator.exe
    - **VRM Track ID**
        - When this option is selected the VRM Track ID will be used as the Asset ID

          Command Line Configuration

          >BoschIntegrationConfigurator.exe /T

- **Pattern**

  - When this option is selected, the AssetID will be taken from the name of a camera, using the specified pattern.

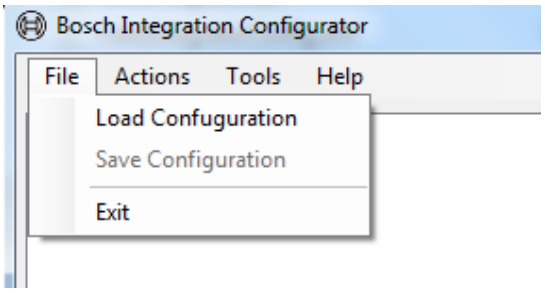
    Command Line Configuration

    > BoschIntegrationConfigurator.exe /P: [%d]

    Example: This will execute the tool in pattern mode with the pattern [%d]. A camera that has the name "Main Entrance [001]" can use the pattern "[%d]" to determine that the AssetID is 1.

5.9 Load an Existing Device Configuration File

- Under the **File** dropdown menu, click on **Load Configuration** to browse and load an existing device configuration file



- After loading the device configuration file the recorders are populated under the **Bosch Recorders** device tree. Now the existing configuration can be modified as per user's choice.

  Note: - Please note that new camera inputs / alarm inputs / relays cannot be added to the existing recorder configuration. Once a VRM / DLA / Divar IP has been added to the configuration, if you later wish to add a device to be managed by the VRM / DLA / Divar IP, you will have to remove the recorder entry from Configurator and re-add the same recorder to accommodate the new devices.

6 LIMITATIONS

The following limitations are currently present with the Configurator application.

- After creating a configuration file with Configurator and saving it, if you subsequently open it for editing you will only be able to save it to the input folder.
- The Select Alarms and Select Relays pop-ups cannot be resized hence the provision of vertical and horizontal scrollbars.
- Once a VRM / DLA / Divar IP has been added to the configuration, if you later wish to add a device to be managed by the VRM, you will have to remove the recorder entry from Configurator and re-add the recorder.