Security Management System
Infinova T series Camera IO Out Configuration

Introduction

This document describes the configuration required for controlling 'Infinova T series camera IO out' from the Security Management System software.

The configuration involves 3 parts –
(a) Camera configuration
(b) Security Management System server software configuration
(c) Control from Security Management System client software

Camera configuration

Following are the one time configuration steps -

1. Please access the camera web browser GUI from Internet Explorer web browser

2. Navigate to the 'Settings' tab
   Navigate to 'Alarms' configuration page

3. Under 'Alarm configuration', please select 'Alarm out contact' as 'Net contact'
   Click on 'Save' button to save the settings

4. Scroll down the 'Alarms' configuration page.
   Under 'Alarm schedule', ensure that 'Everyday' checkbox is selected. And 'Start time' is set to '00:00' and 'End time' is set to '23:59'
   Click on 'Save' button to save the settings

Security Management System - Infinova T series Camera IO Out Configuration

Security Management System server software configuration

1. Please ensure that target 'Infinova T series' camera is added to the Security Management System server software as 'Infinova IP Camera T Series' 'Video Source Type'.
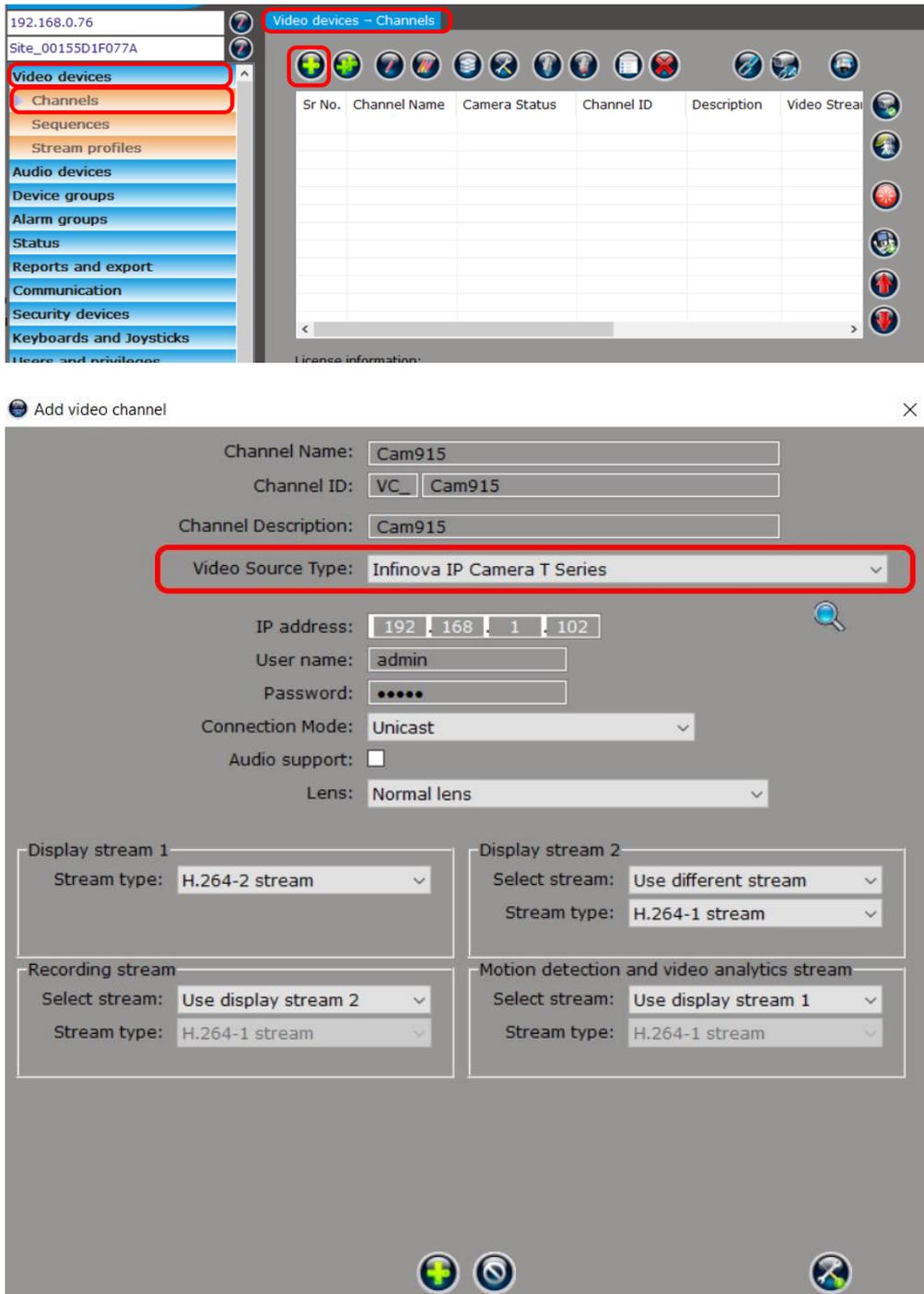
Security Management System - Infinova T series Camera IO Out Configuration

2. After adding the camera, please access the camera details page from left side navigation pane link 'Video devices -> Channels -> <CameraName>'
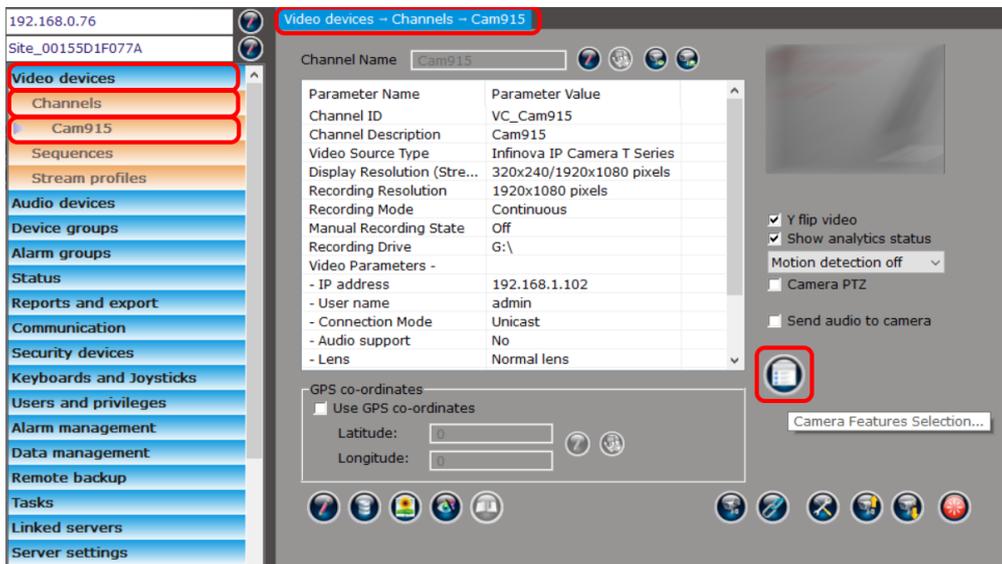
3. Click on the 'Camera Features Selection..' button. This will open the 'Camera Feature Selection' dialog box
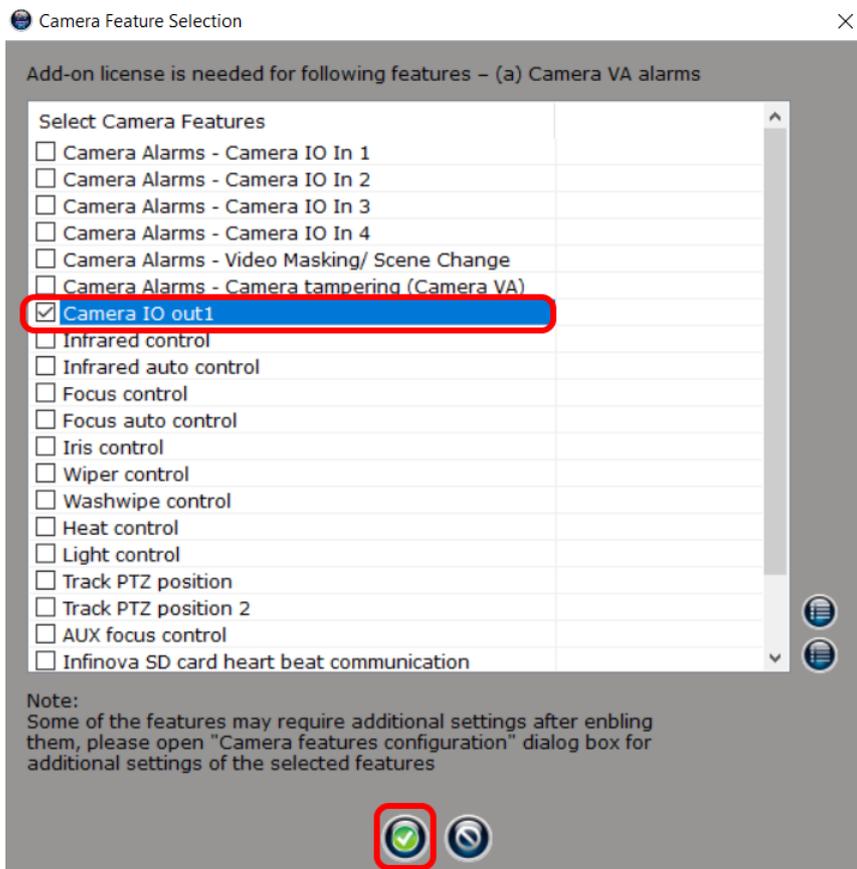
Security Management System - Infinova T series Camera IO Out Configuration

4. From the list of features, please select 'Camera IO Out1' feature.
Click on 'Ok' button to save the selections and to close the 'Camera Feature Selection' dialog box

5. On the camera details page, please click on the 'Camera Features Configuration...' button. This will open the 'Camera Features Configuration' dialog box
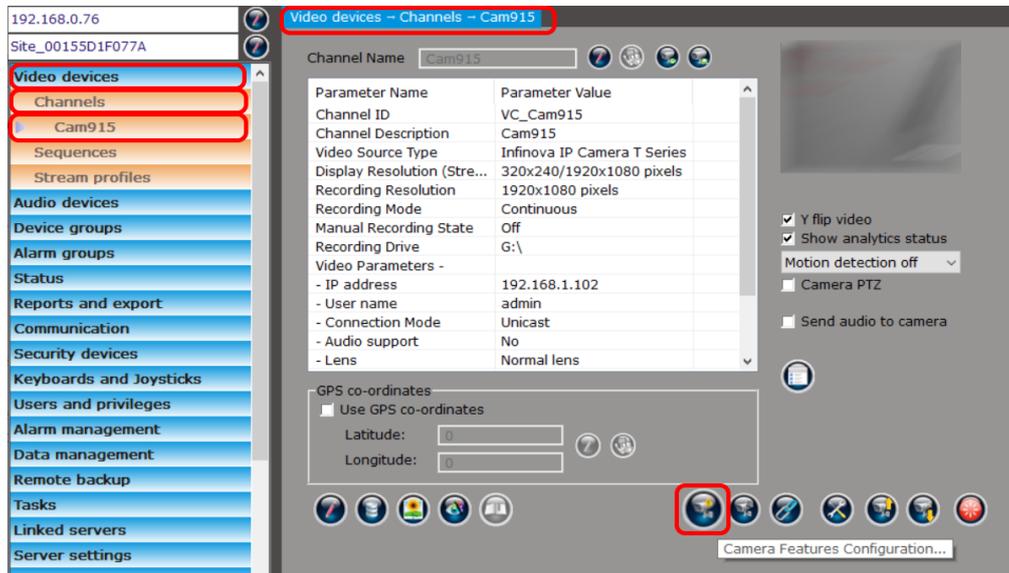
6. Please select 'Camera IO Out' tab.
Under 'Camera IO out1', please set suitable 'Name' which will be useful in identifying the 'IO out' eg 'Entry gate buzzer' (Or continue with the default 'Name'). The name can be edited later, if required, from same GUI.
Select 'Default state' to 'Normal' or 'Opposite'.
This selection will be based on the integration design (camera IO out and the external system integration). Normal state typically indicates 'relay open' and Opposite state typically indicates 'relay close'.
Click on 'Ok' button to save the selections and to close the 'Camera Features Configuration' dialog box
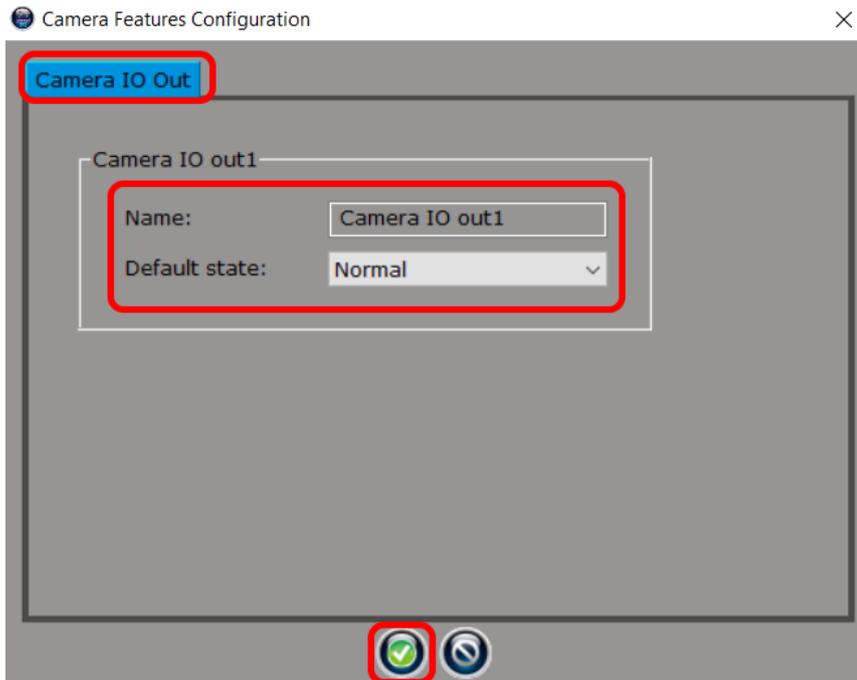
7. On the camera details page, please click on the 'Camera Features Controls…' button. This will open the 'Camera Features Controls' dialog box
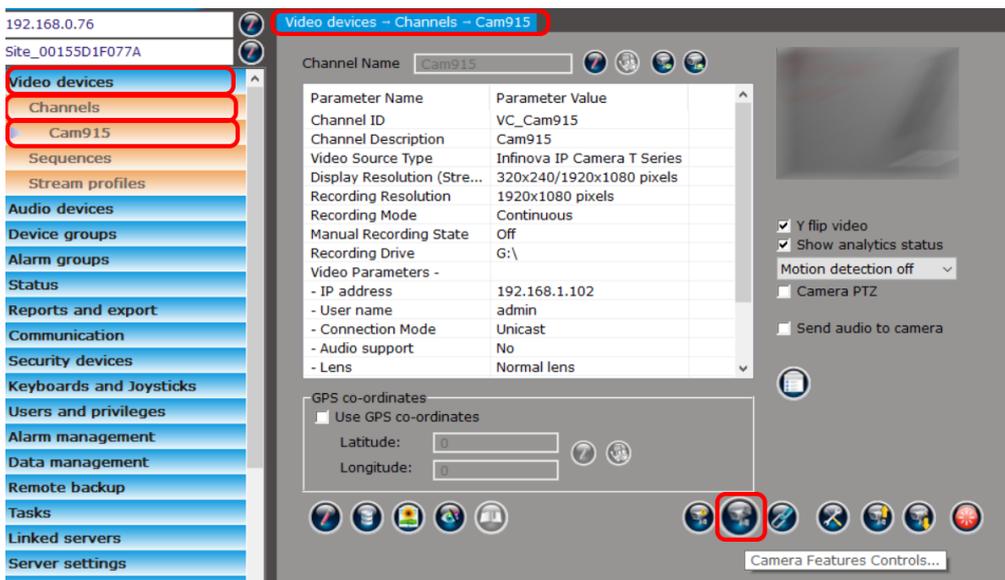
8. Please select 'Features 2' tab.
   'On' and 'Off' buttons next to 'Camera IO out1' can be used to control the 'camera IO out' state
   Note – If 'Camera IO out1' name is set to different text other than default, the name set will be displayed before the 'On' and 'Off' buttons.

Security Management System - Infinova T series Camera IO Out Configuration

9. Confirm that 'Infinova T series IO out' is working properly.
   As initial test, multi-meter device connectivity check can be performed to confirm the change in state of the 'Infinova T series IO out', as per On/Off button clicks in the Security Management System software GUI.
   Then actual external system can be connected to camera IO out and tested with On/Off button clicks in the Security Management System software GUI.

Security Management System - Infinova T series Camera IO Out Configuration

Control from Security Management System client software

1. If the Security Management System client software is running, please close it and restart it; to refresh the configuration updates processed in Security Management System server software

2. In the Security Management System client software, drag-drop the target camera (for which 'Infinova T series camera IO out is configured in the Security Management System server software) to view it in any of the video panes.

   The selected video pane header is indicated by yellow color.
   Please ensure that target camera is the selected camera
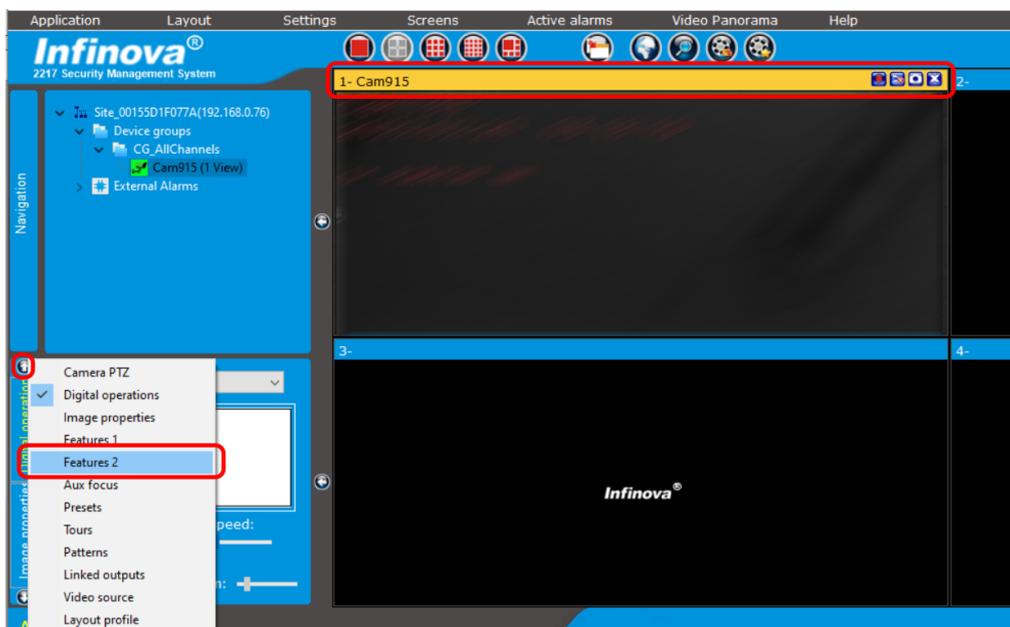
3. In the 'Camera control' section (below the camera tree), please click on 'Up' (or 'Down') button to view list of sub-sections. Click on the 'Features 2' sub-section.
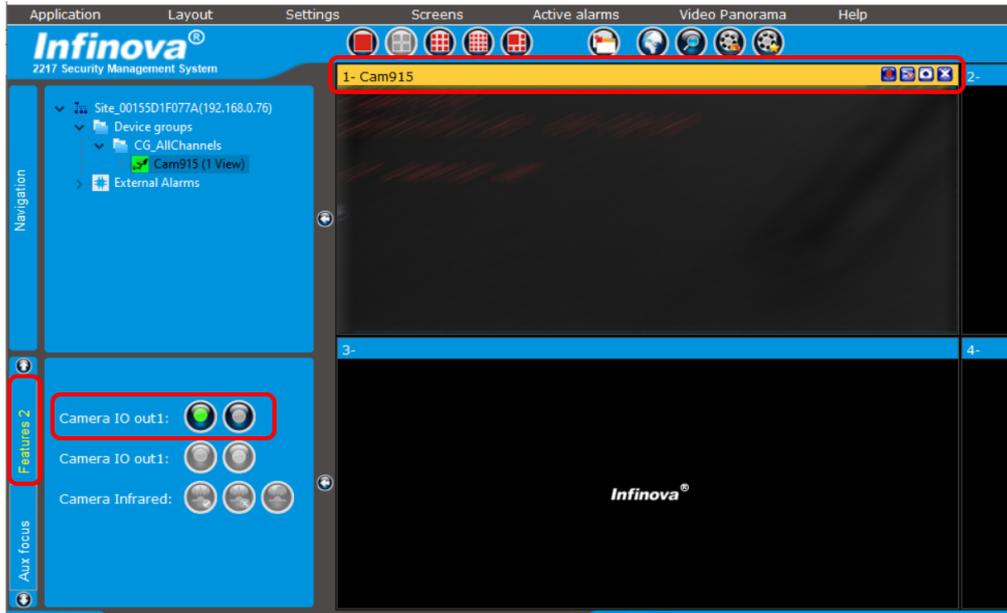
4. From 'Features 2' camera control page, 'On' and 'Off' buttons next to 'Camera IO out1' can be used to control the 'camera IO out' state
   Note – If 'Camera IO out1' name is set to different text other than default, the name set will be displayed before the 'On' and 'Off' buttons.

5 Confirm that 'Infinova T series IO out' is working properly.
   As initial test, multi-meter device connectivity check can be performed to confirm the change in state of the 'Infinova T series IO out', as per On/Off button clicks in the Security Management System software GUI.
   Then actual external system can be connected to camera IO out and tested with On/Off button clicks in the Security Management System software GUI.

Security Management System - Infinova T series Camera IO Out Configuration