



TELECOM DEVELOPMENT

ROBIN Tech Note

Version: 1.0.3 ENG
Datum: 7-06-2018



The Open Platform Company

**How-To:
VMS Integration Milestone XProtect**

About this Tech Note

This Tech Note is applicable for the following Robin products:

- C03050 - C03058 : Proline SV
- C03071 - C03074 : Proline Classic SV
- C02050 - C02058 : Compact SV

Software release 3.0.1 and higher

VMS integration, Robin and Milestone XProtect

Robin products can be connected to the Milestone XProtect VMS (Video Management System).

The Robin uses RTSP (Real Time Streaming Protocol) to stream H.264 video to Milestones XProtect.

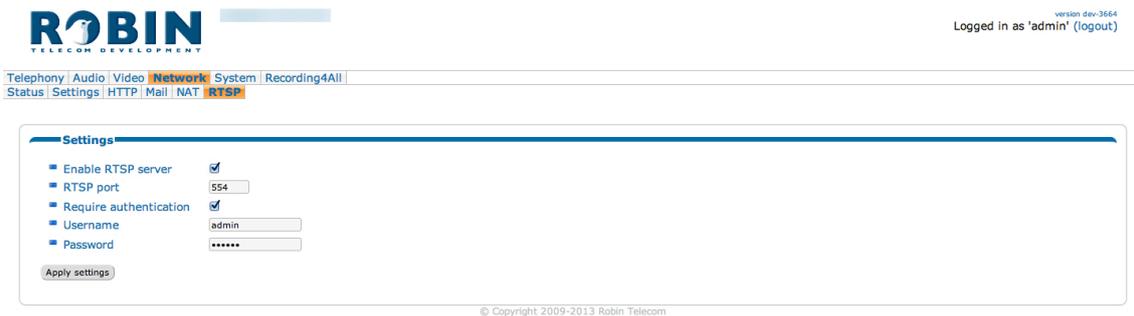
Configuration of the Robin SV

The Robin SV (software release 3.0.0 and higher) supports RTSP. With RTSP, both video and audio are transmitted.

To use RTSP on the Robin SV, no additional settings have to be made.

RTSP support is disabled by default. Enable it in the menu:

-Network-RTSP-:



The screenshot shows the Robin SV web interface. At the top left is the Robin logo with the text 'TELECOM DEVELOPMENT'. At the top right, it says 'version 4.0-3564' and 'Logged in as 'admin' (logout)'. Below the logo is a navigation menu with items: 'Telephony', 'Audio', 'Video', 'Network', 'System', and 'Recording4All'. Underneath this is a sub-menu: 'Status', 'Settings', 'HTTP', 'Mail', 'NAT', and 'RTSP'. The 'RTSP' item is highlighted. The main content area is titled 'Settings' and contains the following configuration options:

Enable RTSP server	<input checked="" type="checkbox"/>
RTSP port	554
Require authentication	<input checked="" type="checkbox"/>
Username	admin
Password	*****

At the bottom left of the settings area is an 'Apply settings' button. At the bottom center of the page is the copyright notice: '© Copyright 2009-2013 Robin Telecom'.

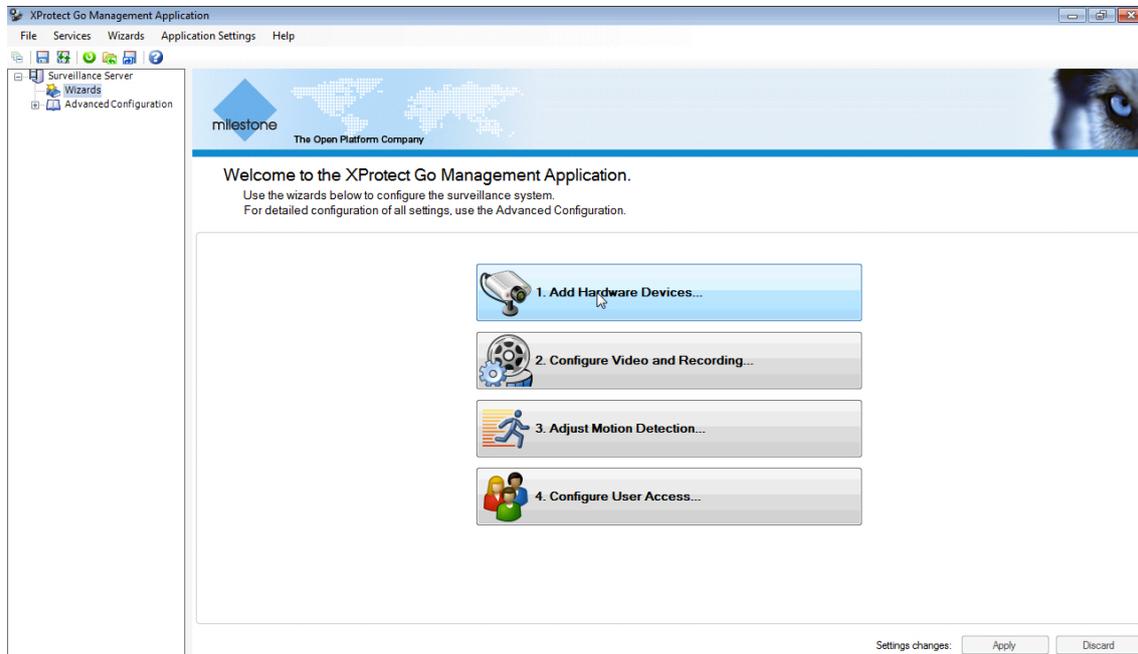
Use the following information:

- **Enable RTSP server** : This enables RTSP
- **Require authentication** : Require authentication for access to the RTSP stream
- **Username** : The username for RTSP access (default: 'admin')
- **Password** : The password for RTSP access (default: '123qwe')

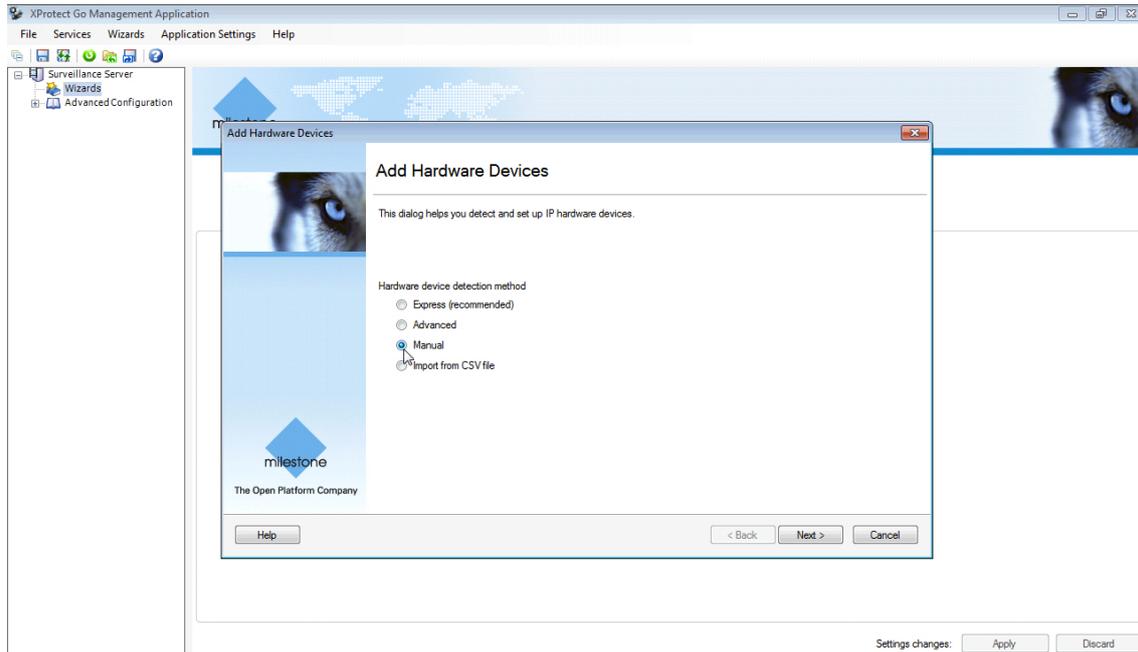
Configuration of XProtect

For this Tech Note we've used XProtect Go.

Start the XProtect Management Application. Click on the 'Add Hardware Devices' button.



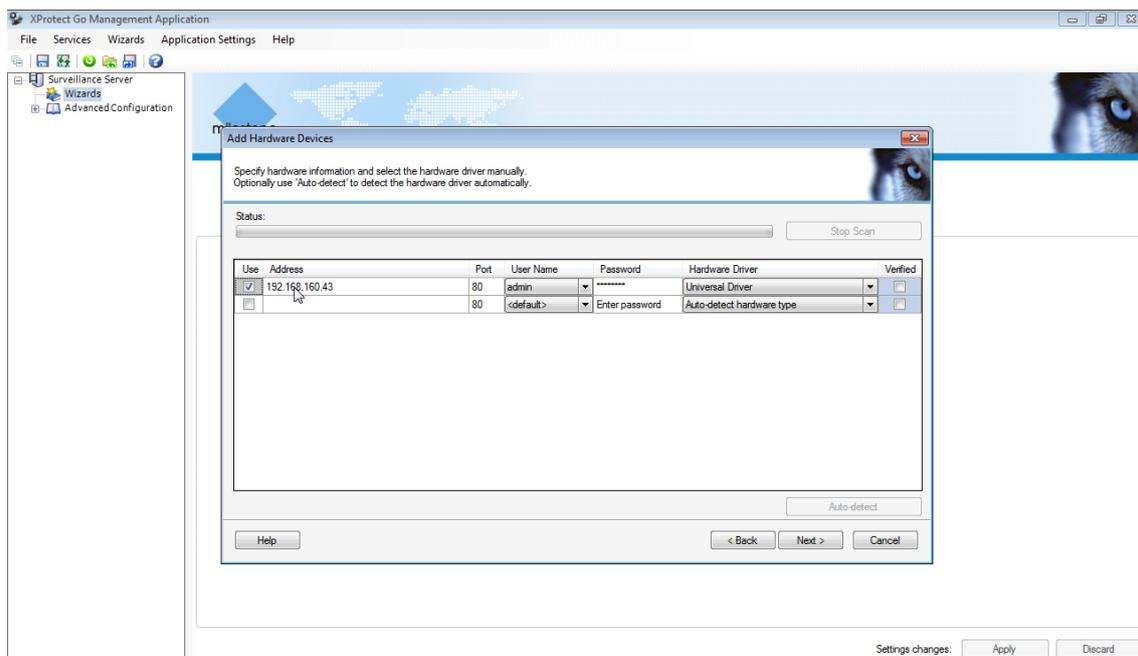
Select 'Manual' and click on the 'Next' button:



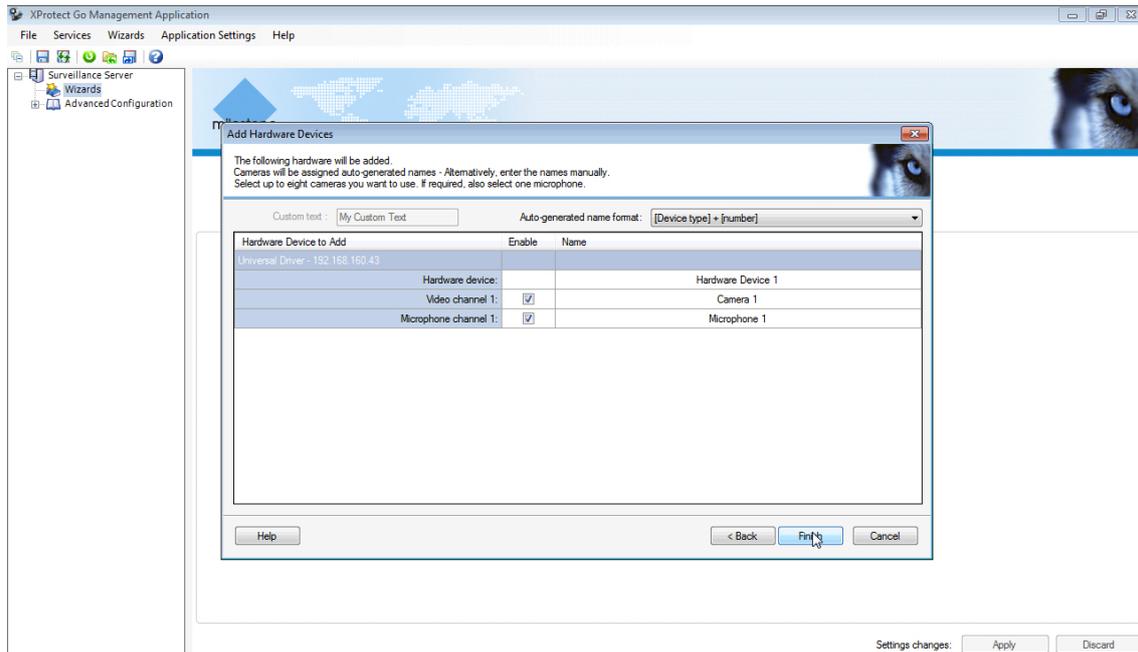
Use the following information:

- Address : the IP address of the Robin
- User Name : The name of the RTSP-user of the Robin (default 'admin')
- Password : The matching password of the RTSP-user (default '123qwe')
- HardwareDriver : Select the 'Universal Driver'

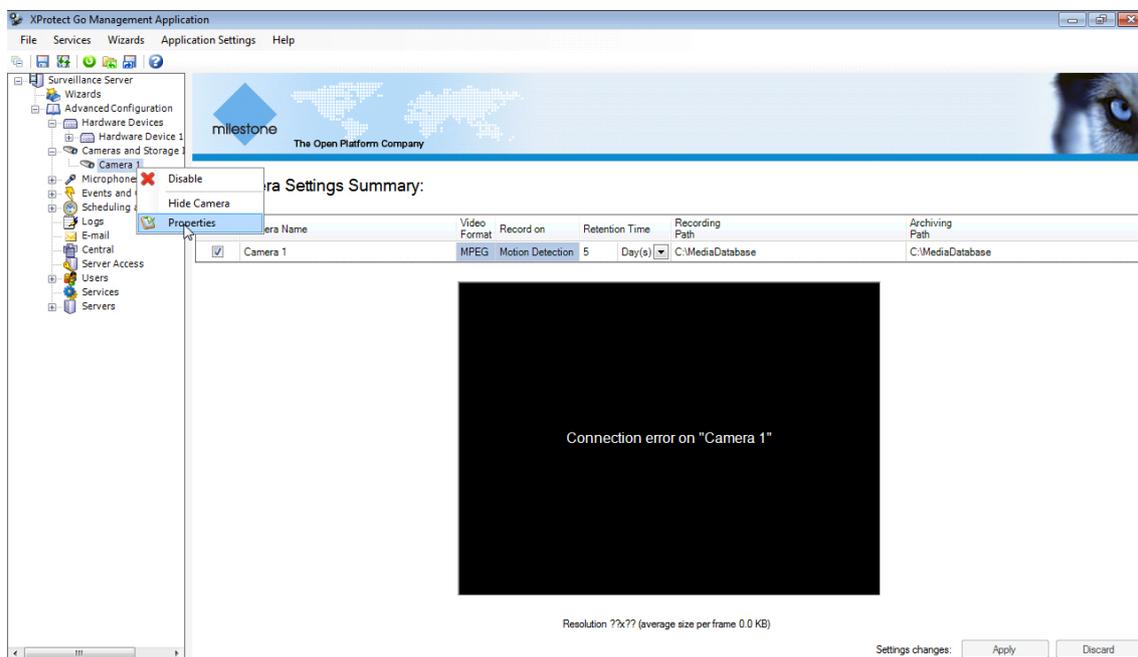
Check 'Use' and click on the 'Next' button:



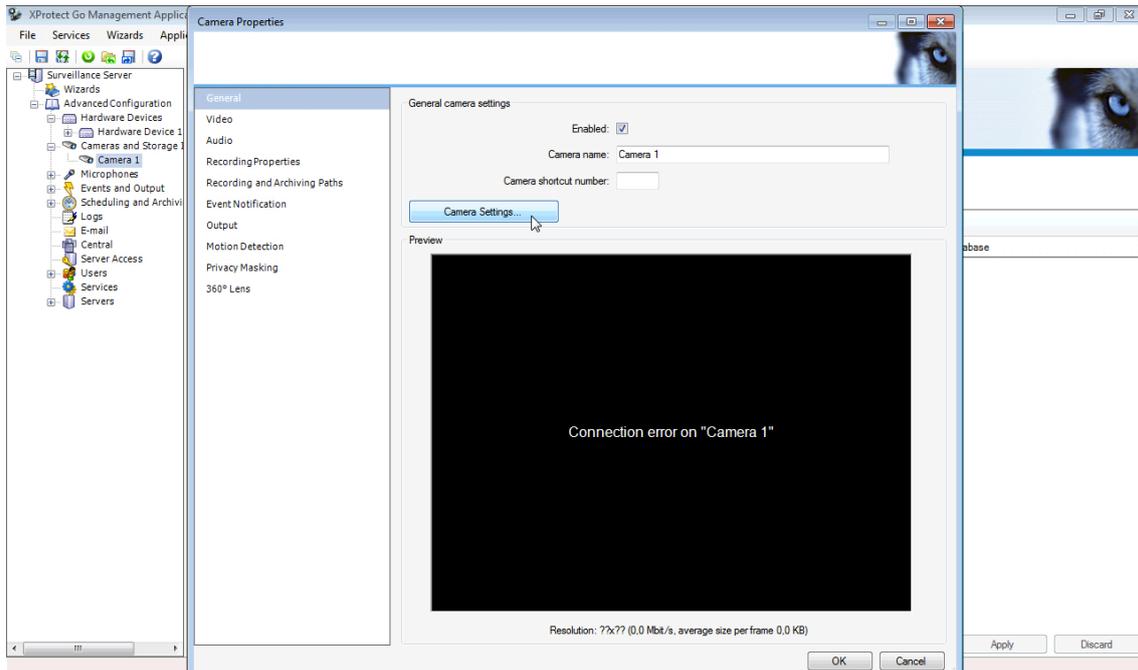
Change the name of the camera (optional) and click the 'Finish' button:



Navigate to 'Advanced Configuration', 'Cameras and Storage', right-click on the new camera and go to 'Properties':

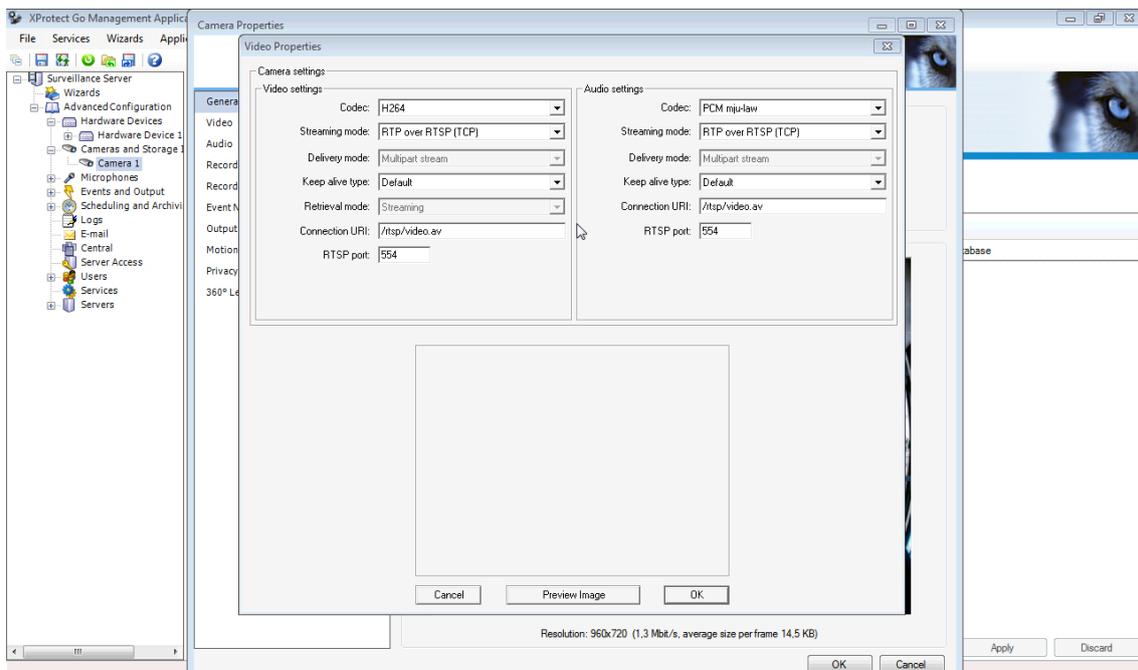


Click on the 'Camera Settings' button:

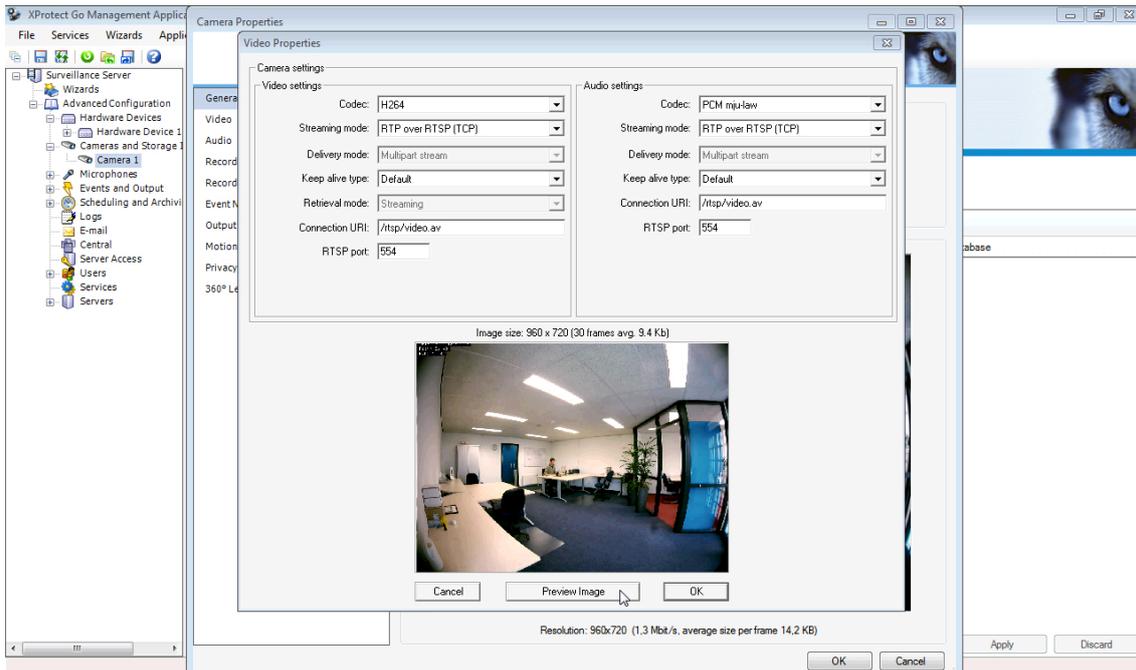


Use the following information:

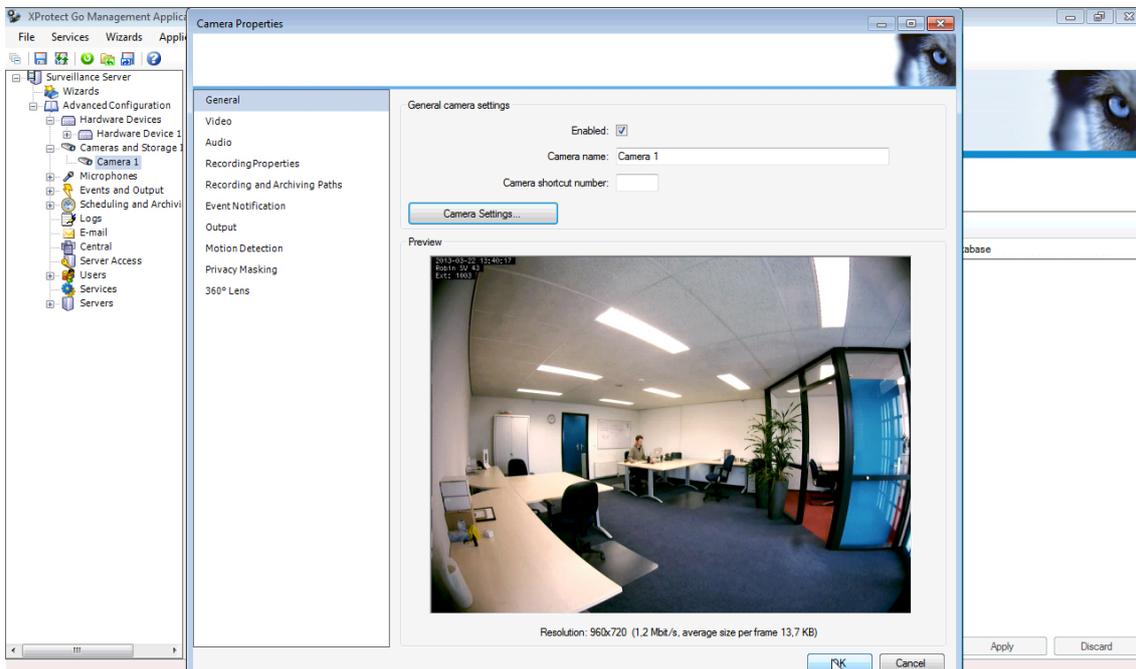
- Codec Video : H264
- Codec Audio : PCM mju-law
- Streaming mode : RTP over RTSP (TCP)
- Connection URL : /rtsp/video.av
- RTSP port : 554



To test the stream, click on the 'Preview Image' button:



Confirm with 'OK' and close the setup with the 'OK' button:



The Robin is now successfully created in the Milestone XProtect software.