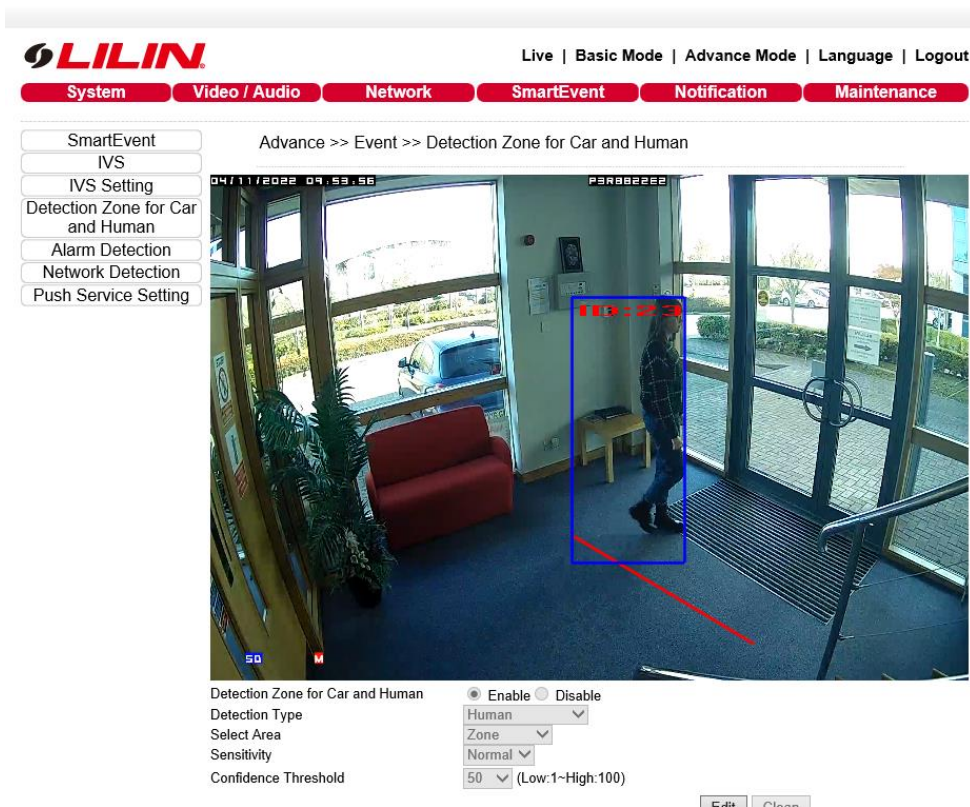


## 2 & 3 Series Cameras Adding Alarms to Control4

This guide outlines how to notify Control4 of an alarm event via HTTP post from a LILIN 2 or 3 Series camera.

This guide uses IVS2.2 Human & Vehicle detection for the alarm mode, but this would be the same if it was standard motion detection or a Tripwire was used etc.

1) Setup the desired alarm mode/configuration in your camera as usual

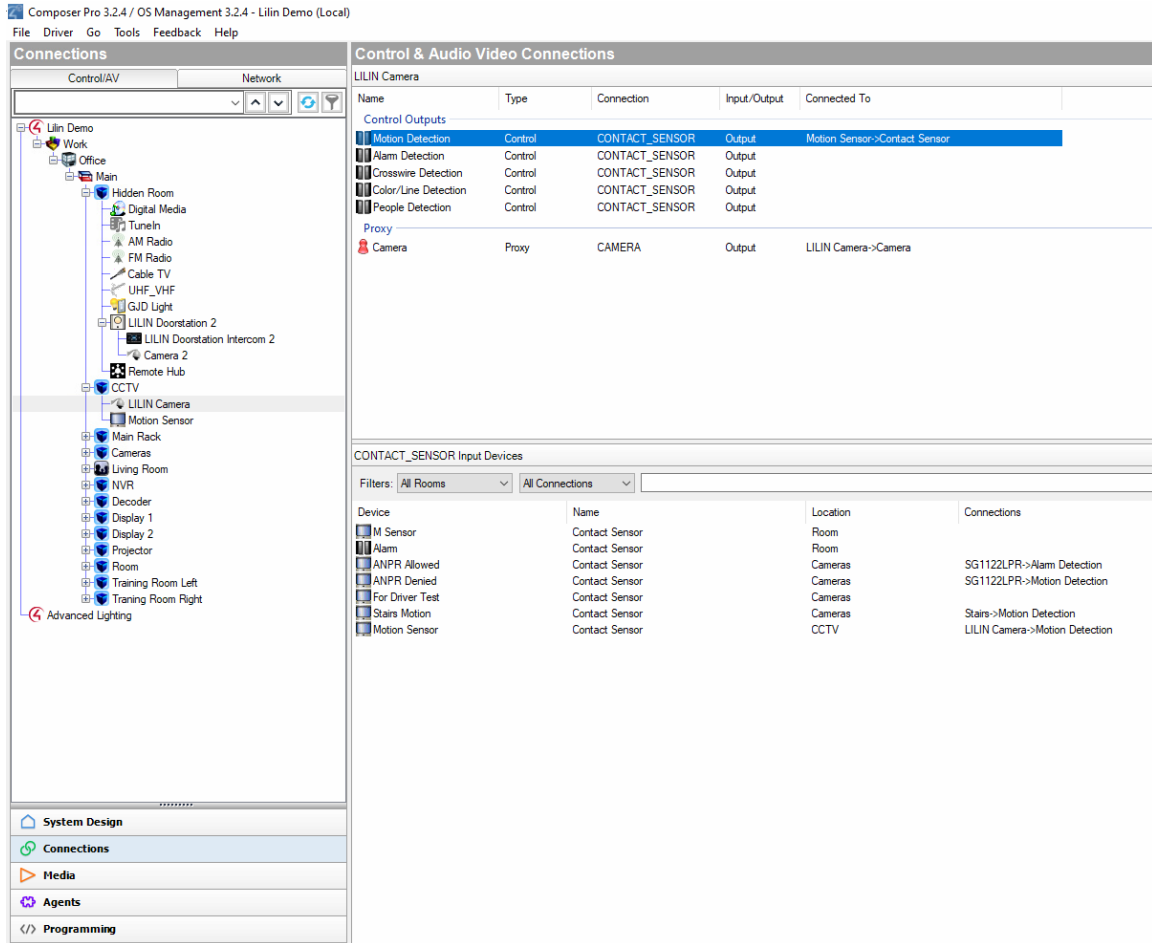


The screenshot displays the LILIN camera web interface. At the top, there is a navigation bar with the LILIN logo and options for 'Live', 'Basic Mode', 'Advance Mode', 'Language', and 'Logout'. Below this is a menu with tabs for 'System', 'Video / Audio', 'Network', 'SmartEvent', 'Notification', and 'Maintenance'. The 'SmartEvent' tab is selected, and the breadcrumb path is 'Advance >> Event >> Detection Zone for Car and Human'. The main content area shows a live video feed of a person walking through a doorway, with a blue detection zone box around them. Below the video, there are settings for the detection zone, including 'Detection Type' set to 'Human', 'Sensitivity' set to 'Normal', and 'Confidence Threshold' set to '50'.

2) Add the camera to Control4.

3) Add a Generic Motion Sensor to your Control4 project.

4) Under Connections bind your Camera's Motion Detection Output to this Motion Sensor.



Use Motion Detection no matter what alarm the camera is set to- even if you used IVS or Tripwire.

5) You can check to see this has worked in the camera menu under Advanced Mode/Notification/HTTP Post Service



Live | Basic Mode | Advance Mode | Language | Logout

System | Video / Audio | Network | SmartEvent | Notification | Maintenance

- FTP Service
- SMTP Service
- HTTP POST Service
- SD Card Service
- SD Card Backup File
- SAMBA Service
- MQTT Service

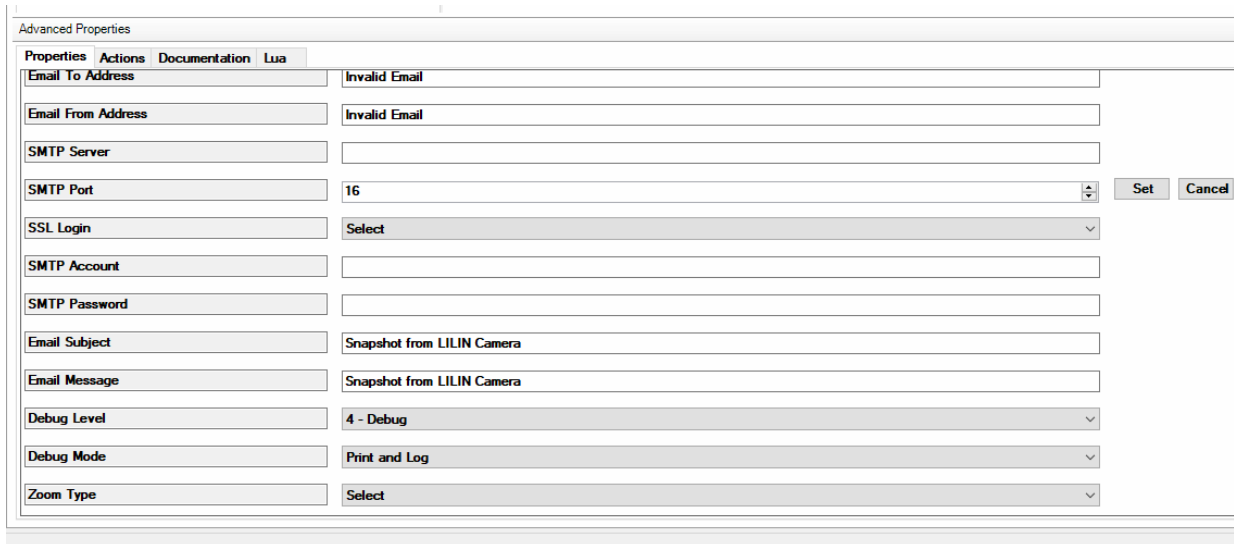
Advance >> Notification >> HTTP POST Service

Number	HTTP POST Server Name	HTTP POST Server IP/DNS	Port	Attachment Format
1	http1servername	10.0.0.62	53694	Text
2	http2servername	httpserver.com	80	Text
3	http3servername	httpserver.com	80	Text
4	http4servername	httpserver.com	80	Text
5	http5servername	httpserver.com	80	Text
6	http6servername	httpserver.com	80	Text

The first HTTP Post should display your Contol4 Directors IP Address and a new Port Number.

There is no need to do anything else on the LILIN camera

6) To check that this alarm is being received in Control4, in Composer under the camera settings set the Debug Level to '4- Debug' and the Debug Mode to 'Print and Log'.



Advanced Properties

Properties Actions Documentation Lua

Email To Address	Invalid Email		
Email From Address	Invalid Email		
SMTP Server			
SMTP Port	16	Set	Cancel
SSL Login	Select		
SMTP Account			
SMTP Password			
Email Subject	Snapshot from LILIN Camera		
Email Message	Snapshot from LILIN Camera		
Debug Level	4 - Debug		
Debug Mode	Print and Log		
Zoom Type	Select		

7) Select Lua – If the alarm is being received it will display in the Lua Output



Properties Actions Documentation Lua

Lua Command Ln 1 Col 1 Font... Execute Clear

Lua Output  Pause Scrolling Ln 8 Col 1 Clear

```
Starting Timer: Motion Dwell
Starting Timer: Motion Dwell
Starting Timer: Motion Dwell
Starting Timer: Motion Dwell
Starting Timer: Motion Dwell
Starting Timer: Motion Dwell
On Dwell Expired MotionDetect
```

8) Finally programme your Generic Motion Sensor to do your desired action.

