

Merit LILIN Application Note

How to use a camera digital input to trigger Navigator emap

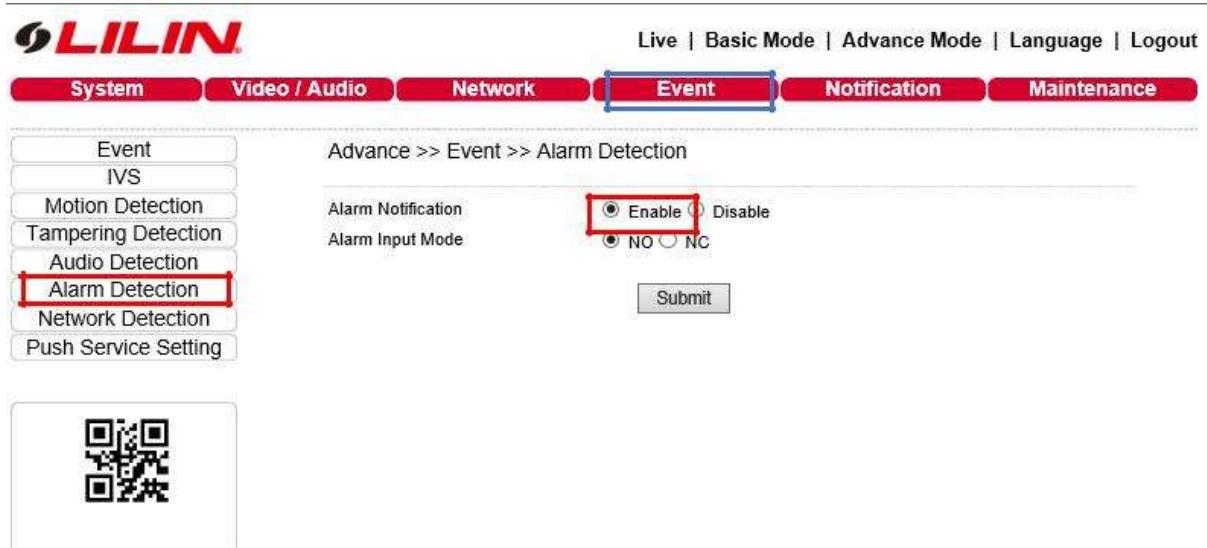
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Dept: Technical Support, Taipei

Subject: This document describes how to use an IP cameras digital input to trigger our software NAVIGATOR

From the IP Camera, go to Setup, then click the event tab, then alarm detection



Live | Basic Mode | Advance Mode | Language | Logout

System Video / Audio Network Event Notification Maintenance

Event IVS Motion Detection Tampering Detection Audio Detection **Alarm Detection** Network Detection Push Service Setting

Advance >> Event >> Alarm Detection

Alarm Notification Enable Disable

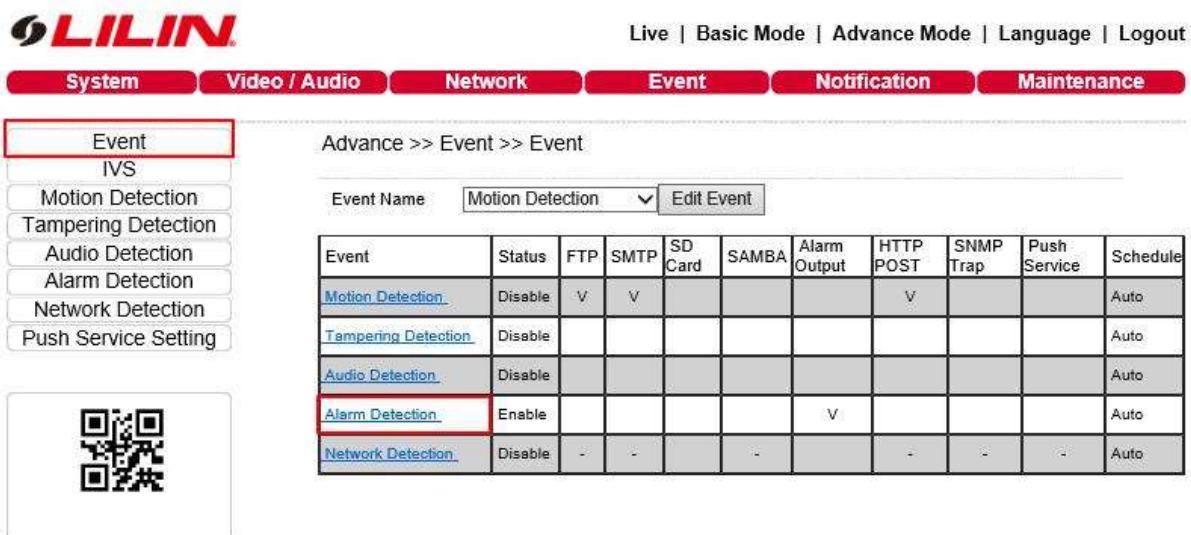
Alarm Input Mode NO NC

Submit

QR code

Turn Alarm Notification to enable and alarm input to NO

Click on Event on the left, then Alarm detection in blue



Live | Basic Mode | Advance Mode | Language | Logout

System Video / Audio Network Event Notification Maintenance

Event IVS Motion Detection Tampering Detection Audio Detection **Alarm Detection** Network Detection Push Service Setting

Advance >> Event >> Event

Event Name Motion Detection Edit Event

Event	Status	FTP	SMTP	SD Card	SAMBA	Alarm Output	HTTP POST	SNMP Trap	Push Service	Schedule
Motion Detection	Disable	V	V				V			Auto
Tampering Detection	Disable									Auto
Audio Detection	Disable									Auto
Alarm Detection	Enable					V				Auto
Network Detection	Disable	-	-	-	-		-	-	-	Auto

QR code

Follow the below setting and enable alarm output

Event
IVS
Motion Detection
Tampering Detection
Audio Detection
Alarm Detection
Network Detection
Push Service Setting

Advance >> Event >> Event

Event	Alarm Detection
Enable	<input checked="" type="checkbox"/>

Action

<input type="checkbox"/> FTP Service	Dwell Time <input type="text" value="1"/> Sec.
<input type="checkbox"/> SMTP Service	Dwell Time <input type="text" value="5"/> Sec.
<input type="checkbox"/> SD Card Service	Dwell Time <input type="text" value="60"/> Sec.
<input type="checkbox"/> SAMBA Service	Dwell Time <input type="text" value="60"/> Sec.
<input checked="" type="checkbox"/> Alarm Output	Dwell Time <input type="text" value="5"/> Sec.
<input type="checkbox"/> HTTP POST Service	Dwell Time <input type="text" value="5"/> Sec.
HTTP POST Service : URL <input type="text" value="/url"/>	
<input type="checkbox"/> SNMP Trap Service	
<input type="checkbox"/> Push Service	Dwell Time <input type="text" value="5"/> Sec.

Schedule Setting

Always
 Schedule

Submit Cancel



Click Submit

Open the Navigator software, go to the IPC alarm management settings. Enable REMOTE DIGITAL INPUT and enable ALARM FULL SCREEN

Alarm Management Cam#001

Condition #1	Condition #2	Condition #3	Condition #4	Others
Alarm Input Management				
<input checked="" type="checkbox"/> Remote Digital Input <input type="checkbox"/> Remote IVS (Motion) Detection <input type="checkbox"/> Remote Face Detection <input type="checkbox"/> Remote Tamper detection <input type="checkbox"/> Remote Audio Detection <input type="checkbox"/> External IO Device <input type="checkbox"/> Motion Detection				
Alarm Output (DO)				
<input type="checkbox"/> Play Sound <input type="checkbox"/> Send Email <input type="checkbox"/> PTZ Preset Recall <input type="checkbox"/> Signal Digital Output <input checked="" type="checkbox"/> Alarm Full Screen <input type="checkbox"/> Post-alarm Record <input type="checkbox"/> Pre-alarm Record				
Options				

Open EMAP manager

If the camera is added to the navigator, it should appear on the bottom right



Go to EMAP EDIT MODE

Pull the camera on to the map and go to EMAP ALARM SWITCHING MODE

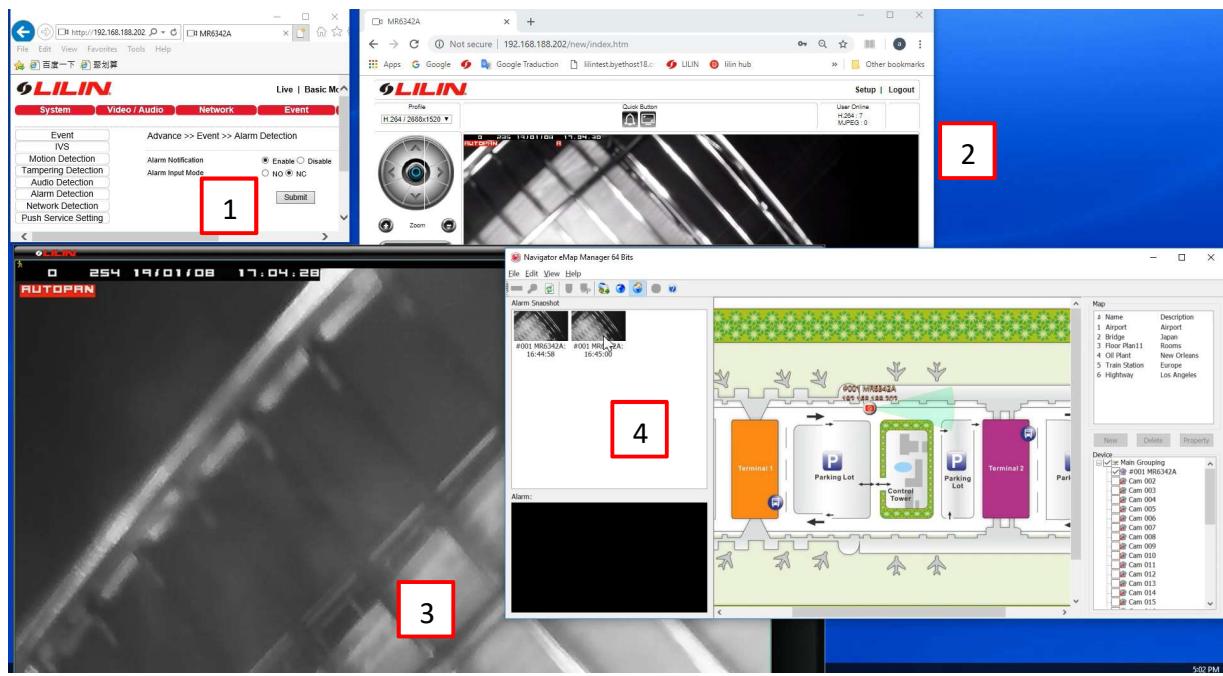
TESTING CONDITION

If you don't have the PIR sensor you can use the alarm setting and set the camera to NC.

Open an Internet Explorer window with the camera setting page visible (as shown in image #1)

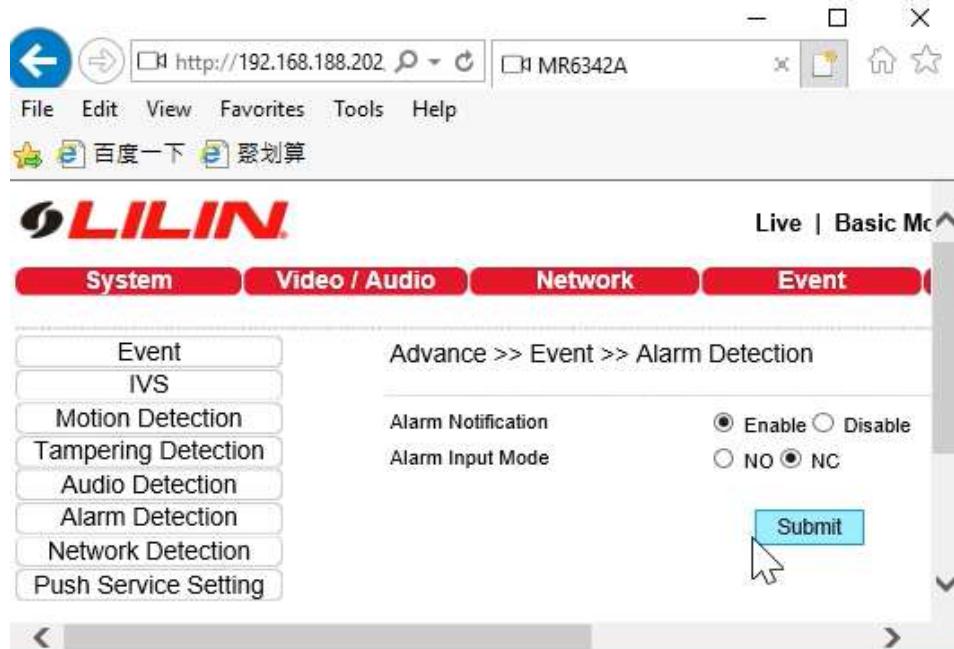
Open an Internet Explorer window with a live picture (as shown in image #2)

Open a window with the navigator software in 4 split mode (as shown in image #3) open emap manager (as shown in image #4)

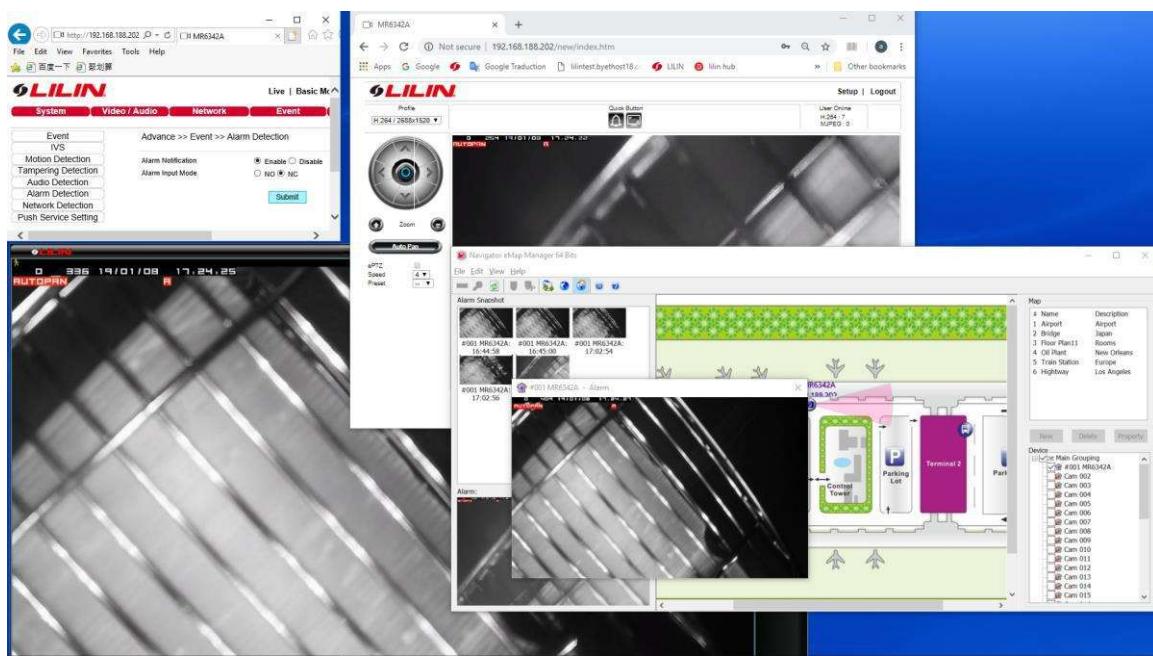




On the camera within the alarm detection window click on NC then submit



An Alarm icon should appear on the live view within the navigator software and a pop up window should appear in emap



You can see the video demo by clicking below link

<https://www.dropbox.com/s/rh1vcs955a25zry/alarm%20setting%20emap.mp4?dl=0>

Contact

Contact fae@meritlilin.com.tw for technical support.