Adding IVS2.2 cameras to an NVR for Human or Vehicle Detection

First set up IVS2.2 on your camera, then you can activate it on your NVR.

• Enter the Alarm Menu on the NVR, select your camera channel number.

9LILIN.	o general	The motion area () OUTPUT				admin 🟌	¢; >
👰 STREAM		Alarm Input Type	IP Camera	Motion Popup	Off			
CAMERA		Motion Enable	On	Specify Alarm Text		•	(5 100 Secor	nds)
QO RECORD		Motion Sensitivity	Standard	Display View				32)
		Save Event Snapshot	On	Display Type				
		Apply To All Channels		Display Content				
				Alarm Popup	Off			
5 C NETWORK				Specify Alarm Text		-	(5 100 Secon	nds)
ççz system				Display View				
🗑 ртд				Display Type				
💬 META DATA				Display Content				
CTHER				Metadata Popup	Off			
				Specify Alarm Text		-	(Max, length	n 32)
P2P QR Code	14. CAM14			Display View				
				Display Type				
CCI4ES8IL6GA1D27TP2KJXDZ Version: 4.0.26.6881	-				Apply		Undo	

Change Alarm Input Type to IP Camera

Select Motion Enable to ON.

Remember to press apply before leaving the page.

The NVR will now receive IVS2.2 alarms from the camera as motion alarms.

• You can customize what the HDMI display does when receiving an alarm.

Motion Popup	On	5
		(5 ~ 100 Seconds)
Specify Alarm Text	On	Person
		(Max. length 32)
Display View	On	
Display Type	Camera	
Display Content	CAM13	

Turn **Motion Popup** to ON and select a time between 5-100 seconds – this is the dwell time that the view and/or text you choose will be displayed.

Specify Alarm Text: you can choose to have a message displayed over the live channel (HDMI) for the selected dwell time.

Display View: turn this to on if you want the displayed live screen to change upon receipt of an alarm.

Display Type: This can be either Camera (a single channel) or View (multi-screen, fully customizable).

Display Content: if Camera is selected in display type you can select a specific channel (camera) to pop up full screen upon an alarm event.

If View is selected in display type you can choose to display any of the multiscreen views upon an alarm event.

After the preset dwell time the live (HDMI) display will revert to the screen it was displaying before the alarm.

Below is an example of the settings from above image.

Before Alarm



During Alarm



• Setting how often the NVR receives alarm events from camera.

If an object is in a detection zone on the camera, they could be creating multiple alarms. You may not wish for the NVR to receive/display all these alarms.

9LILINI	o general	E SCHEDULE	C ADVANCED	admin 🔅 🕻
💓 STREAM		Record Mode	Schedule -	
🗔 camera		Audio	Off ~	
		Post-alarm Record	30 ····	
SK.		Weighted Record	Off The second s	
ĨЩ alarm				
DISPLAY				
Retwork				
දි දි System				
D PTZ				
💬 META DATA				
E OTHER				
CCHES8IL6GA1D27TP2KIXDZ Version: 4.0.26.6881	-			Apply Undo

Enter Record setup and choose camera channel. To select how often the NVR receives (registers) alarms, change the **Post-alarm Record** time to your desired time (between 1 to 100 seconds.)

If 30 seconds is chosen, the NVR will register an alarm from the camera then ignore alarms for the following 30 seconds before registering alarm again.

Alarms can be viewed under System/Event (on the browser)

9LILINI	o general	TIME		USER		🖀 sto	DRAGE	🔂 EVENT	Q MAINTENANCE	ədmin 🔅 🗱
💓 STREAM		Event Period	02/05/	2021 17:4	2 ~ 21/	05/2021	12:16	21/05/2021 12:09:16	.13 CAM13	Mation Event
🕞 camera		Search Time						21/05/2021 12:07:51	.13 CAM13	Mation Event
Q.O. RECORD			N	day, 2021				21/05/2021 11:58:47	.13 CAM13	Mation Event
N2COND		SUN MO		WED	тын	CDI	CAT	21/05/2021 11:57:42	.13 CAM13	Mation Event
â alarm		3014 1010		WED	ino	risi	341	21/05/2021 11:43:29	.13 CAM13	Mation Event
								21/05/2021 11:35:48	.13 CAM13	Mation Event
مرو								21/05/2021 11:34:31	.13 CAM13	Motion Event
NETWORK								21/05/2021 11:12:37	.13 CAM13	Mation Event
SYSTEM						21		21/05/2021 11:11:21	.13 CAM13	Motion Event
जि PTZ		23 24	25			28	29	21/05/2021 11:06:05	.13 CAM13	Motion Event
		20 24						21/05/2021 11:05:04	.13 CAM13	Mation Event
L;:] META DATA		50 51						21/05/2021 11:04:28	.13 CAM13	Motion Event
OTHER		.01	.02	.03		.04	.05	21/05/2021 11:03:23	.13 CAM13	Motion Event
		.06	.07	.08		.09	.10	21/05/2021 11:01:43	.13 CAM13	Motion Event
		.11	.12	<mark>X</mark> .13		.14	.15	21/05/2021 10:59:35	.13 CAM13	Mation Event 🗸 🗸
P2P QR Code		.16	.17	.18		.19	.20	<		>
見ぬ得		.21	.22	.23		.24	.25			
		.26	.27	.28		.29	.30		× 1-44 / 44 (#44)	
CCH4581L6GA1D27TP2KJXDZ Version: 4.0.20.6881		.31	.32				ALL			Search

Alarm Events can also be viewed in playback on the browser – on a timeline bar at the bottom.



From the live image shown on the HDMI alarms can be accessed by clicking on the shortcut in the top left of the screen. Here alarms can be filtered by date, channel & alarm type. It includes a snapshot and you can access playback of the alarm

		,	May, 202				Event Period	03	/05/202	1 05:41	~ 21/05/2	021 14:07												
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							Search Pene	0 21																
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		turs	Minutes	50	canes			44			1/05/2021	1 14:02:22	.13 CA	M13					Motion					
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																			5	earch		Ca	ncel	

• Push Notifications

You can also select a dwell time in receiving push notifications from the NVR.

Enter Alarm/Output from the menu and select NOTIFICATION.

9LILINI	🕲 GENERAL	1 MOTION AREA	(=) OUTPUT					admin	* 	\$
STREAM		Enable	On							
□ CAMERA		Trigger Conditions	Channel Event	s System Eve	nts	Schedule				
Q.O RECORD		Alarm Send Interval	30 (5~100 §							
کے ا	FTP									
🗞 network										
{်ို} SYSTEM										
T PTZ										
💬 META DATA										
OTHER										
P2P OR Code										
CCI4ES8IL6GA1D27TP2KUXDZ Version: 4.0.25.6881							Apply	Undo		

Enable push notifications by selecting on

Alarm Send Interval can be sent between 5 to 100 seconds – Above I have set to 30 seconds so I will only receive a push notification every 30 seconds, even if the channel was constantly alarming.

NOTIFICATION - Char	nnel Events		×
1. CAM01	🗌 Motion 🗌 Alarm 🗌 Video Loss		
2. CAM02	🗹 Motion 🗌 Alarm 🗌 Video Loss		
3. CAM03	🗌 Motion 🗌 Alarm 🗌 Video Loss		
4. CAM04	🗹 Motion 🗌 Alarm 🗌 Video Loss		
A 5. LPR	🗌 Motion 🗌 Alarm 🗌 Video Loss		
6. CAM06	🗌 Motion 🗌 Alarm 🗌 Video Loss		
7. CAM07	🗋 Motion 🗋 Alarm 🗋 Video Loss		
8. CAM08	🗌 Motion 🗌 Alarm 🗌 Video Loss		
9. CAM09	🗹 Motion 🗌 Alarm 🗌 Video Loss		
10. CAM10	🗌 Motion 🗌 Alarm 🗌 Video Loss		
11. CAM11	🗌 Motion 🗌 Alarm 🗌 Video Loss		
12. CAM12	🗌 Motion 🗌 Alarm 🗌 Video Loss		
13. CAM13	🗹 Motion 🗌 Alarm 🗌 Video Loss		
14. CAM14	🗌 Motion 🗌 Alarm 🗌 Video Loss		
15. CAM15	🗌 Motion 🗌 Alarm 🗌 Video Loss		
16. CAM16	🗌 Motion 🗌 Alarm 🗌 Video Loss		
Channel 17~32	Select/Clear All		
		Apply	Cancel

Trigger Conditions you can choose what channels and type of alarm you receive here.

For each channel 3 alarm types are available (IVS2.2 comes under motion alarms)

Also, under trigger conditions you could set notifications for system events including...



All notifications can also be scheduled so that you only receive notifications at specified times, even if the NVR is receiving and logging alarms at other times.



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Once configured to receive push notifications from the NVR you can click on a notification to jump straight to the recorded event.

You can also view alarms under the EVENTS tab.

13:4	13		.ul 🗢 💋
\leftarrow	Events		iii 🗇
	Name		Time
2	NVR5832 CAM02	ch:2	21/05/2021
K	Alarm/Motion		13:41:30
	NVR5832 CAM02	ch:2	21/05/2021
X	Alarm/Motion		13:40:44
	NVR5832 CAM04	ch:4	21/05/2021
N	Alarm/Motion		13:40:31
Â	NVR5832 CAM13	ch	21/05/2021
N	Alarm/Motion		13:38:52
å	NVR5832 CAM02	ch:2	21/05/2021
X	Alarm/Motion		13:38:39
â	NVR5832 CAM04	ch:4	21/05/2021
K	Alarm/Motion		13:38:36
à	NVR5832 CAM02	ch:2	21/05/2021
×.	Alarm/Motion		13:37:55
<i>d</i> e	NVR5832 CAM04	ch:4	21/05/2021
20	Alarm/Motion		13:37:00
à	NVR5832 CAM02	ch:2	21/05/2021
28	Alarm/Motion		13:35:55
e e e e e e e e e e e e e e e e e e e	NVR5832 CAM04	ch:4	21/05/2021
20	Alarm/Motion	13:34:56	
die -	NVR5832 CAM02	ch:2	21/05/2021
20	Alarm/Motion		13:34:03
Ŕ	<u>ثة &</u>		All



Click on an alarm and playback will start.

Note: Only alarms that you have received a notification for appear in the EVENTS tab. So, if you configure a schedule for push notifications on your NVR the alarms that occurred during the no notification period will not show on the EVENTS tab.